

List of Variables

Ifo Business Survey Trade

Data: 10/2004-12/2023

As of December 2023

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LMU-ifo Economics & Business Data Center (EBDC)

Poschingerstr. 5 81679 München





List of variables - test of economic cycle - trade

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Since February 2006 only identical surveys are send out for Western and Eastern Germany. That is why from this moment on there is only one dataset for each month, in which the results are shown for Germany as a whole.

1. Variables of identification

Name	Label	German Description
survey	survey	Umfrage
year	year	Erhebungsjahr
month	month	Erhebungsmonat
han_typtra	type of trade	Handelssparte
han_idlar	special id for firms with detailed answers	Kennnummer für Firmen, die Prozentantworten geben
han_weight	weight	Gewicht
han_westeast	western eastern	Unterscheidung zwischen West- und Ost-Erhebung
fedstaifo	federal state (ifo-code)	Bundesland entsprechend ifo Codierung
sector_id	sector id	Sektor ID
han_id2	identification number (part2)	2. Teil der Kennnummer
han_id3	identification number (part3)	3. Teil der Kennnummer
runnum	running number of plant	Laufende Firmennummer
idnum	firm X adress file id	Firmenidentifikationsnummer
han_plantnumkt	KT information id	12-stellige Identifikationsnummer, gebildet mit KT Nummer
han_plantnumeast	information id for east germany	11-stellige Identifikationsnummer, gebildet mit Sektornummer für Ostdeutschland
han_plantnumwz03	WZ03 information id	13-stellige Identifikationsnummer, gebildet mit WZ03 Nummer
sector_wz03	WZ03 sector number	WZ03 sector number
sector_ifo	KT sector number	KT Nummer
sector_east	ifo sector number for east germany	ifo Sektornummer für Ostdeutschland
sector_total	ebdc sector classification	Sektornummer nach EBDC-eigener Klassifizierung
han_typequ	type of questionnaire	Fragebogenform
han_latecomer	N=latecomer	Nachzügler
han_size_turnover	turnover size classes	Umsatzgrößenklasse
han_size	size range 1-6, K or S as of 2018-04	Größenbereich 1-6, K oder S ab 2018-04
han_share_turnover	share of total turnover	Anteil am Gesamtumsatz

II. Variables regarding the survey process

Name	Label	German Description
online	online	Fragebogen online beantwortet
survey_start	survey start	Umfragebeginn
survey_end	survey end	Umfrageende
participation_date	participation date	Teilnahmedatum
participation_hour	participation hour	Teilnahmestunde
participation_status	participation status	Teilnahmestatus
han_participant	participation in this survey	Teilnahme

2. Standard questions

Name	Label	German Description
han statebus	state of business (appraisal)	Beurteilung der Geschäftslage
_	, , ,	· · ·
han_statebus_sl	state of business (VAS)	Beurteilung der Geschäftslage (slider)
han_statebus_clicks	state of business (clicks)	Beurteilung der Geschäftslage (clicks)
han_busvoly	business volume versus previous year	Umsatz im Vergleich zum Vorjahr
han_busvolm	business volume versus past	Umsatz in Vergangenheit
han_feedst	feedstock (appraisal)	Lagerbestände (Bewertung)
han_feedst2	feedstock (appraisal)	Lagerbestände (Bewertung)
han_prvpm	prices versus past	Verkaufspreise in Vergangenheit
han_exppr	expected prices	Erwartete Verkaufspreise
han_ords	orders versus previous year	Bestellungen im Vergleich zum Vorjahr
han_comexp	business development	Geschäftsentwicklung
han_comesp_sl	business development (VAS)	Geschäftsentwicklung (VAS)
han_comexp_clicks	business development (clicks)	Geschäftsentwicklung (clicks)
han_emplexp	expected employees	Erwartete Beschäftigtenanzahl
han_comexp_unc	uncertainty w.r.t. commercial operation	Slider Unsicherheit
han_emplpast	development employees last month	Entwicklung der Gesamtbeschäftigtenzahl im Vormonat
han_prestatebus_unc	uncertainty: prediction of business situation	Unsicherheit der Lagevorhersage
han_comp_dev	Development of number of employees compared to development of business situation	Entwicklung der Anzahl an Beschäftigten im Unternehmen im Vergleich zu d Entwicklung der gesamten Geschäftssituation
han comp dev version?	Development of number of employees compared to	Entwicklung der Anzahl an Beschäftigten im Unternehmen im Vergleich zu d

nan_comp_uev_versionz	development of business sit. V2	Entwicklung der gesamten Geschäftssit. V2
han_comp_dev_version3	Development of number of employees compared to development of business sit. V3	Entwicklung der Anzahl an Beschäftigten im Unternehmen im Vergleich zu der Entwicklung der gesamten Geschäftssit. V3
han_emppro2	employees per product	Mitarbeiter pro Produkt

3. Special questions

Name	Label	German Description
han amul		D 170:
han_empl	employees	Beschäftigte
han_totu	total turnover	Gesamtumsatz
han_constrain	constraints to production	Behinderung der Umsatztätigkeit
han_diffsup	difficulties of supply	Beschaffungsschwierigkeiten
han_weakdem	weak demand	Schwache Nachfrage
han_difffin	difficulties in financing	Finanzierungsschwierigkeiten
han skilllack	constraints: lack of skilled labour	Mangel an Fachkräften
han sclack	lack of spacial capacity	Mangel an geeigneten Räumlichkeiten / Gewerbeflächen
_		
han_equip	equipment	Unzureichende Geschäftsausstattung
han_weather	unfavourable weather	Ungünstige Wetterlage
han_mplack	constraints: lack of manpower	Mangel an Arbeitskräften
han_othrea	other reasons	Sonstige Faktoren
han_credit	credit allocation	Kreditvergabe
han_fairxh	exhibitor at an international specialized fair	Aussteller
han_fairxh_g	exhibitor at an international specialized fair in Germany	Aussteller auf einer internationalen Fachmesse in Deutschland
han_fairxh_e	exhibitor at an international specialized fair in a	Aussteller auf einer internationalen Fachmesse im europäischen Ausland
	foreign European country exhibitor at an international specialized fair in a	
han_fairxh_ne	country outside Europe	Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland
han_fairxhexp		Aussteller auf einer internationalen Fachmesse in den nächsten 2-3 Jahren
han_fairxhexp_g	exhibitor at an international specialized fair in Germany during next 2-3 years	Aussteller auf einer internationalen Fachmesse in Deutschland in den nächster 3 Jahren
han_fairxhexp_e	exhibitor at an international specialized fair in a foreign European country during next 2-3 years	Aussteller auf einer internationalen Fachmesse im europäischen Ausland in de nächsten 2-3 Jahren
han_fairxhexp_n	exhibitor at an international specialized fair in a country outside Europe during next 2-3 years	Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland den nächsten 2-3 Jahren
han flight ger	importance of flight connections in Germany	Bedeutung
han flight eur	importance of flight connections in Europe	Bedeutung
		-
han_flight_world	importance of flight connections worldwide	Bedeutung
han_fambus	family business	Familienunternehemen
han_minim1	minimum wage q1	Mindestlohn Frage 1
han_minim2	minimum wage q2	Mindestlohn Frage 2
han_minim3	minimum wage q3	Mindestlohn Frage 3
han_minim4	minimum wage q4	Mindestlohn Frage 4
han minim5	minimum wage q5	Mindestlohn Frage 5
han_minim6	minimum wage q6	Mindestlohn Frage 6
_	minimum wage qo	
han_minim7		Mindestlohn Frage 7
han_minim8	minimum wage q8	Mindestlohn Frage 8
han_turnexp	expected turnover this year	erwarteter Jahresumsatz dieses Jahr
han_invest_lj	total investment last year	Gesamtinvestitionen letztes Jahr
han_invcon_lj	investment in construction last year	Investitionen in Bauten letztes jahr
han_inveq_lj	investment in equipment last year	Investitionen in Ausrüstung letztes Jahr
han invest dj	total investment this year	Gesamtinvestitionen dieses Jahr
han_invcon_dj	investment in construction this year	Investitionen in Bauten dieses Jahr
	expected investment in equipment this year	
han_inveq_dj		Investitionen in Ausrüstung dieses Jahr
han_invest_nj	total investment next year	Gesamtinvestitionen nächstes Jahr
han_invcon_nj	investment in construction next year	Investitionen in Bauten nächstes jahr
han_inveq_nj	investment in equipment next year	Investitionen in Ausrüstung nächstes Jahr
han_ref1	refugees question1	Flüchtlinge Frage 1
han_ref2	refugees question2	Flüchtlinge Frage 2
han_ref3	refugees question3	Flüchtlinge Frage 3
han ref4	refugees question4	Flüchtlinge Frage 4
han ref5	refugees question5	
_		Flüchtlinge Frage 5
han_ref6	refugees question6	Flüchtlinge Frage 6
han_ref7	refugees question7	Flüchtlinge Frage 7
han_ref8	refugees question8	Flüchtlinge Frage 8
han_ref9	refugees question9	Flüchtlinge Frage 9
han_minim_post1	affected by minimum wage	von Mindestlohn betroffen
han_minim_post2	no minimum wage measures	keine Mindestlohn- Maßnahmen
han_minim_post3	measures: employee reduction	Maßnahmen: Personalabbau
	measures: working hour reduction	
han_minim_post4		Maßnahmen: Arbeitszeitreduzierung
han_minim_post5	measures: increased prices	Maßnahmen: Preiserhöhungen
han_minim_post6	measures: decreased investment	Maßnahmen: verringerte Investitionen
han_minim_post7	measures: decreased special payments less minijobs	Maßnahmen: Kürzungen von Sonderzahlungen
han_minim_post8 han_minim_post	minijobs transformed into insurable employment	Minijobs weggefallen Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt
han_minim_post10	new insurable employment	neue soz.vers.pflichtige Besch.verhältnisse
	employment relationships did not change	
han_minim_post11		keine veränderten Besch. Verhältnisse
han_credityes	credit agreement signed	Kreditvertrag abgeschlossen
han_creditno	credit agreement not signed	Kreditvertrag nicht abgeschlossen
han_credituse1	financing of ongoing operating resources	Finanzierung laufender Kreditmittel
han credituse2	financing of an investment	Finanzierung einer Investition
_	other financing	Sonstiger Verwendungszweck
han credituse3		
han_credituse3	-	Onlinehandel: Handeln online
han_credituse3 han_ontrad_yn han_ontrad_plat	online trade: trading online online trade: platform	Onlinehandel: Handeln online Onlinehandel: Plattform

han_ontrad_plan	online trade: planned within 12 months	Onlinehandel: In den nächsten 12 Monaten geplant
han midmanager	mid tier: more than 4 managers	Mittelstand: Mehr als 4 Geschäftsführer
han midmanshare	mid tier: at least one manager has shares	Mittelstand: Mindestens ein Geschäftsführer hält Anteile
han_midyes	mid tier: company rated as mid tier	Mittelstand: Firma als Mittelstand betrachtet
han_ontrad_inf	online trade: influence on business	Onlinehandel: Einfluss auf Geschäft
han credit2 1	credit seeking	Kreditverhandlungen durchgeführt
han_credit2_2	credit allocation	Kreditvergabe: Verhalten der Banken
han_credit2_3	reasons for not credit seeking	Gründe für keine Kreditverhandlungen
han_negint	confronted with negative interest rates	Wurden Sie mit Negativzinsen konfrontiert?
han_negint_noact	negative interest actions: none	Keine Maßnahmen
han negint agree	negative interest actions: bank agreements	Verhandlungen mit Bank
han_negint_change	negative interest actions: change of bank	Wechsel der Bank
han_negint_inc	negative interest actions: increase of cash	Erhöhung der Bargeldhaltung
	negative interest actions: melease or easil	Emonang der Bargelanattang
han_negint_reda	financial assets and settlement of credits	Umschichtung Finanzanlagen/Rückzahlung von Krediten
han nogint roda	negative interest actions: redeployment of assets	Umschichtung des Guthabens
han_negint_reda	within company	Official des dutilabers
han_negint_inv	negative interest actions: investing or preponing (additional) investments	Investitionen
han_negint_oth	negative interest actions: other	Andere
han_negint_burden	burden of negative interest rates on profit situation	Belastung durch Negativzinsproblematik
han_negint_banks	number of relationship banks	Wie viele Banken?
han_ustax_sales	tax reform: percentage sales in US	US Steuerreform: prozentualer Umsatz in USA
han_ustax_competition	tax reform: competition with US-companies	US Steuerreform: Wettbewerb mit US-Firmen
han_ustax_shortterm	tax reform: tax burden short term	US Steuerreform: Steuerbelastung kurzfristig
han_ustax_longterm	tax reform: tax burden long term	US Steuerreform: Steuerbelastung langfristig
han_ustax_export	tax reform: reaction export	US Steuerreform: Reaktion Exporte
han_ustax_import	tax reform: reaction import	US Steuerreform: Reaktion Importe
han_ustax_invus	tax reform: reaction investment in US	US Steuerreform: Reaktion Investitionen in USA
han_ustax_invger	tax reform: reaction investment in Germany	US Steuerreform: Reaktion Investitionen in Deutschland
han_custfreq_loc	average customer frequency last quarter - local	Kundenfrequenz im lokalen Standort im Durchschnittdes abgelaufenen Quartals
han_custfreq_on	average customer frequency last quarter - online	Kundenfrequenz online im Durchschnittdes abgelaufenen Quartals
han_gdp1	real gdp: % change comp. last year	reales BIP: prozentuale Änderung vgl. zum Vorjahr
han_gdp2	impact economic development on business situation	Einfluss allg. Konjunkturentwicklung auf Geschäftslage
han_found	founding year	Gründungsjahr
han_forsales	sales: % in foreign country	Umsatz in Ausland (%)
han_invit_dj	investment in Software/database this year	Investitionen in Software/Datenbänke dieses Jahr
han_invit_nj	investment in Software/Database next year	Investitionen in Software/Datenbänke nächstes Jahr
han_sec_management	sector - questionnaire completed in: management	Sektor - Fragebogen ausgefüllt in Geschäftsführung
han_sec_controlling	sector - questionnaire completed in: management	Sektor - Fragebogen ausgefüllt in Controlling
han_sec_marketing	sector - questionnaire completed in: controlling	Sektor - Fragebogen ausgefüllt in Vertrieb
han_sec_other	sector - questionnaire completed in: other	Sektor - Fragebogen ausgefüllt in Sonstiges
han_pos_director	position - questionnaire completed by: director	Position - Fragebogen ausgefüllt von Geschäftsleitung
han_pos_manager	position - questionnaire completed by: manager	Position - Fragebogen ausgefüllt von Abteilungsleitung
han_pos_teamleader	position - questionnaire completed by: team leader	Position - Fragebogen ausgefüllt von Teamleiter
han_pos_clerk	position - questionnaire completed by: clerk	Position - Fragebogen ausgefüllt von Sachbearbeiter
han_pos_other	position - questionnaire completed by: other	Position - Fragebogen ausgefüllt von Sonstiges
han gdn3	real gdp: % change comp. last year (2019 vs 2018)	
han_gdp3	real gdp: % change comp. last year (2019 vs 2018) real gdp: % change comp. last year (2020 vs 2019)	reales BIP: prozentuale Änderung vgl. zum Vorjahr (2019 vs 2018)
han_gdp4	real gdp: % change comp. last year (2020 vs 2019)	reales BIP: prozentuale Änderung vgl. zum Vorjahr (2020 vs 2019)
han_gdp4 han_heat_occ	real gdp: % change comp. last year (2020 vs 2019) weather - occurance: heat wave	reales BIP: prozentuale Änderung vgl. zum Vorjahr (2020 vs 2019) Wetterereignis - Betroffen: Hitzewelle
han_gdp4 han_heat_occ han_cold_occ	real gdp: % change comp. last year (2020 vs 2019) weather - occurance: heat wave weather - occurance: cold wave	reales BIP: prozentuale Änderung vgl. zum Vorjahr (2020 vs 2019) Wetterereignis - Betroffen: Hitzewelle Wetterereignis - Betroffen: Kältewellen
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han_deliv_services_qual	business activities hindered by logistics services for deliveries: quality	Geschäftstätigkeit behindert durch Logistikdienstleistungen für Lieferungen: Qualität
han_deliv_services_stat	business activities hindered by logistics services for deliveries: only stationary	$\label{thm:continuous} Geschäftstätigkeit behindert durch Logistik dienstleistungen für Lieferungen: nur station \"{a}r$
han_invit_lj	investment in Software/database last year	Investitionen Software/Datenbanken letztes jahr
han_csal_lq	percentage change of sales in field xy - last quarter	Umsatzveränderung im letzten Quartal in Bereich XY
han_csal_lq_v	values: percentage change of sales in field xy - last quarter	Wertangaben: Umsatzveränderung im letzten Quartal in Bereich XY
han_csal_nqbc	best case//percentage change of sales in field xy - next quarter	Umsatzveränderung im nächsten Quartal in Bereich XY (best case)
han_csal_nqbc_v	values: best case//percentage change of sales in field xy - next quarter	Wertangabe: Umsatzveränderung im nächsten Quartal in Bereich XY (best case)
han_csal_nqac	average case//percentage change of sales in field xy - next quarter	Umsatzveränderung im nächsten Quartal in Bereich XY (average case)
han_csal_nqac_v	values: average case//percentage change of sales in field xy - next quarter	Wertangabe: Umsatzveränderung im nächsten Quartal in Bereich XY (average case)
han_csal_nqwc	worst case//percentage change of sales in field xy - next quarter	Umsatzveränderung im nächsten Quartal in Bereich XY (worst case)
han_csal_nqwc_v	values: worst case//percentage change of sales in field xy - next quarter	Wertangabe: Umsatzveränderung im nächsten Quartal in Bereich XY (worst case)
han_psalinc	probability of sales increase - next quarter	Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
han_psalinc_min	lower bound: probability of sales increase - next quarter	Angegebene Untergrenze: Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
han_psalinc_max	upper bound: probability of sales increase - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
han_psalinc_sv	single value: probability of sales increase - next quarter	Einzelwert: Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
han_psalstead	probability of steady sales - next quarter	Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
han_psalstead_min	lower bound: probability of steady sales - next quarter	Angegebene Untergrenze: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
han_psalstead_max	upper bound: probability of steady sales - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
han_psalstead_sv	single value: probability of steady sales - next quarter	Einzelwert: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
han_psaldec	probability of sales decrease - next quarter	Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
han_psaldec_min	lower bound: probability of sales decrease - next quarter	Angegebene Untergrenze: Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
han_psaldec_ma:	upper bound: probability of sales decrease - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
han_psaldec_sv	single value: probability of sales decrease - next quarter	Einzelwert: Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
han_csal_nybc_v	values: best case//percentage change of sales in field xy - next year	$Wertangabe: Bester \ Fall//prozentuale \ Veränderung \ des \ Umsatzes \ in \ Bereich \ xy-nächstes \ Jahr$
han_csal_nywc_v	values: worst case//percentage change of sales in field xy - next year	Wertangabe: Schlechtester Fall//prozentuale Veränderung des Umsatzes in Bereich xy - nächstes Jahr
han_csal_nyac_v	values: average case//percentage change of sales in field xy - next year	$Wertangabe: Durchschnittlicher Fall//prozentuale \ Veränderung \ des \ Umsatzes \ in \ Bereich \ xy-nächstes \ Jahr$
han_csal_nybc_notknow	values: best case//percentage change of sales in field xy - next year - don't know	$Wertangabe: Bester Fall//prozentuale \ Veränderung \ des \ Umsatzes \ in \ Bereich \ xy-nächstes \ Jahr-Weiß \ nicht$
han_csal_nywc_notknow	values: worst case//percentage change of sales in field xy - next year - dont know	Wertangabe: Schlechtester Fall//prozentuale Veränderung des Umsatzes in Bereich xy - nächstes Jahr - Weiß nicht
han_csal_nyac_notknow	values: average case//percentage change of sales in field xy - next year - dont know	We rtangabe: Durch schnittlicher Fall//prozentuale Veränderung des Umsatzes in Bereich xy - nächstes Jahr - Weiß nicht
han_csal_ny_txt	percentage change of sales in field xy - next year - comment	prozentuale Veränderung des Umsatzes in Bereich xy - nächstes Jahr - Kommenta
han_csal_n3ybc_v	values: best case//percentage change of sales in field xy - next 3 year	Wertangabe: Bester Fall//prozentuale Veränderung des Umsatzes in Bereich xy - nächsten 3 Jahre
han_csal_n3ywc_v	values: worst case//percentage change of sales in field xy - next 3 year	Wertangabe: Schlechtester Fall//prozentuale Veränderung des Umsatzes in Bereich xy - nächsten 3 Jahre
han_csal_n3yac_v	values: average case//percentage change of sales in field xy - next 3 years	$Wertangabe: Durchschnittlicher Fall//prozentuale \ Veränderung \ des \ Umsatzes \ in Bereich \ xy-nächsten \ 3 \ Jahre$
han_csal_n3ybc_notknow	values: best case//percentage change of sales in field xy - next 3 years - dont know	Wertangabe: Bester Fall//prozentuale Veränderung des Umsatzes in Bereich xy -nächsten 3 Jahre - Weiß nicht $$
han_csal_n3ywc_notknow	values: worst case//percentage change of sales in field xy - next 3 years - dont know	Wertangabe: Schlechtester Fall//prozentuale Veränderung des Umsatzes in Bereich xy - nächsten 3 Jahre - Weiß nicht
han_csal_n3yac_notknow	values: average case//percentage change of sales in field xy - next 3 years - dont know	Wertangabe: Durchschnittlicher Fall//prozentuale Veränderung des Umsatzes in Bereich xy - nächsten 3 Jahre -Weiß nicht
han_csal_n3y_txt	percentage change of sales in field xy - next 3 years - comment	prozentuale Veränderung des Umsatzes in Bereich xy - nächsten 3 Jahre - Kommentar
han_csal_ly	values: percentage change of sales in field xy - last year	Werteangabe: prozentuale Veränderung des Umsatzes in Bereich XY - letztes Jahr
han_csal_ly_notknow	values: percentage change of sales in field xy - last year - dont know	Werteangabe: prozentuale Veränderung des Umsatzes in Bereich XY - letztes Jahr weiß nicht
han_csal_ly_txt	percentage change of sales in field xy - last year - comment	prozentuale Veränderung des Umsatzes in Bereich XY - letztes Jahr - Kommentar
han share online	share of retail channels of total sales: online shop	Anteil der Vertriebswege am Gesamtumsatz: Onlineshop
han_share_mrktr	share of retail channels of total sales: market place	Anteil der Vertriebswege am Gesamtumsatz: Marktplatz
han_mrktpl_num	developement of importance of market places: number	Entwicklung der Bedeutung von Marktplätzen. Anzahl
han_mrktpl_sales	developement of importance of market places: sales	Entwicklung der Bedeutung von Marktplätzen: Umsatz
han_uncert_tax	uncertainty in future demand due to: tax	Unsicherheit der Nachfrageentwicklung durch: Steuern

han_uncert_trade	uncertainty in future demand due to: trade war	Unsicherheit der Nachfrageentwicklung durch: Handelskrieg
han_uncert_exc han_uncert_econ	uncertainty in future demand due to: exchange rate uncertainty in future demand due to: general economic	Unsicherheit der Nachfrageentwicklung durch: Wechselkurs Unsicherheit der Nachfrageentwicklung durch: Allgemeine
han_uncert_unempl	development	Wirtschaftsentwicklung
han_uncert_inflation	uncertainty in future demand due to: unemployment rate uncertainty in future demand due to: inflation	Unsicherheit der Nachfrageentwicklung durch: Arbeitslosenquote Unsicherheit der Nachfrageentwicklung durch: Inflation
han_uncert_intrate	uncertainty in future demand due to: interest rate	Unsicherheit der Nachfrageentwicklung durch: Zins/EZB Geldpolitik
han_wage_agree	agreement on effect of European minimum wage on employmen	t Zustimmung zu Effekt eines europäischen Mindestlohns auf Arbeitsmarkt
han_wage_know	pre-knowledge on the subject of minimum wage	Vorwissen zu Mindestlohn
han_ref_agree	agreement on positive economic effect of refugees on european population	Zustimmung zu positivem ökonomischen Effekt von Flüchtlingen auf europäische Bevölkerung
han_ref_know	pre-knowledge on the subject of refugee's economic effects	Vorwissen zu ökonomischen Effekten von Flüchtlingen
han_robot_agree	agreement on effect of robots and AI on long-term unemployment	Zustimmung zu Effekt von Robotern und KI auf Langzeitarbeitslosigkeit
han_robot_know han_retirem_agree	pre-knowledge on subject of robots and Al agreement on effect of increase in retirement age	Vorwissen zu Robotern und KI Zustimmung zu Effekt von Erhöhung des Renteneintrittsalters
han_retirem_know	pre-knowledge on subject of retirement age	Vorwissen zu Rente und Renteneintrittsalter
han_move_agree	agreement on positive effect of free movement of people within Europe	Zustimmung zu positivem Effekt der Personenfreizügigkeit in der EU
han_move_know	pre-knowledge on free movement of people	Vorwissen zu Personenfreizügigkeit in der EU
han_merger_agree	agreement on mergers of companies to european champions	Zustimmung zu Fusionen zu europäischen Champions
han_merger_know	pre-knowledge on mergers to european champions	Vorwissen zu Effekten von Fusionen
han_econ_interest	interest in economics and debates of economic policy	Interesse an Wirtschaft und wirtschaftspolitischen Debatten
han_polit_conf	confidence in academic experts regarding political questions	Vertrauen in akademische Experten bei politischen Frage
han_education	level of education	Höchster Bildungsabschluss
han_cor3_eff	corona march: effect of corona virus on business	Corona März: Effekt des Coronavirus auf Geschäftstätigkeit
han_cor3_demand	corona march: effect of corona virus on demand	Corona März: Effekt des Coronavirus auf Nachfragerückgang
han_cor3_foreign	corona march: effect of corona virus on foreign subsidiary firms	Corona März: Effekt des Coronavirus auf ausländische Töchter
han_cor3_buy	corona march: effect of corona virus on delay or cancellation of delivery in purchase	Corona März: Ausfall bei Lieferungen im Einkauf durch Corona-Pandemie
han_cor3_sell	corona march: effect of corona virus on delay or cancellation of delivery in sales	Corona März: Ausfall bei Lieferungen imVerkauf durch Corona-Pandemie
han_cor3_pricep	corona march: effect of corona virus on increasing pruchase prices	Corona März: Effekt der Corona-Pandemie auf Einkaufspreis
han_cor3_storage	corona march: effect of corona virus on necesity of increasing storage	Corona März: Effekt des Coronavirus auf Notwendigkeit verstärkter Lagerhaltung
han_cor3_travel	corona march: effect of corona virus on delay or cancellation of business trips	Corona März: Effekt des Coronavirus auf Verzögerung/Ausfall von Dienstreisen
han_cor3_other	corona march: other negative effects of corona virus	Corona März: Andere Effekte des Coronavirus
han_cor3_other_text	corona march: other negative effects of corona virus (text)	Corona März: andere Effekte des Coronavirus (Text)
han_cor_effect	corona: effect of corona virus on current business	Corona: Effekt des Corona-Virus auf Geschäftstätigkeit
han_cor4_homeoff	corona: increased use of home office	Corona: Verstärkte Nutzung von Homeoffice
han_cor4_stwork_y	corona: short-time work	Corona: Kurzarbeit wegen Corona
han_cor4_overtime	corona: reduction of overtime	Corona: Abbau von Zeitguthaben wegen Corona
han_cor4_emplreduction	corona: reduction of employment	Corona: Beschäftigungsabbau wegen Corona
han_cor4_salestop	corona: shutdown of stores	Corona: Schließung von Geschäftsstellen wegen Corona
han_cor4_storage_inc	corona: increased storaging	Corona: Verstärkte Lagerhaltung wegen Corona
han_cor4_supplier	corona: change or diversification of supplier	Corona: Wechsel von Zulieferern wegen Corona
han_cor4_bus_other	corona: other consequences	Corona: Andere Maßnahmen wegen Corona
han_cor4_bus_othertext	corona: other consequences text	Corona: Andere Maßnahmen wegen Corona Text
han_cor4_credit	corona: use of credit lines	Corona: Nutzung bestehender Kreditlinien wegen Corona
han_cor4_newcredit	corona: new credit lines	Corona: Erschließung neuer Kreditlinien wegen Corona
han_cor4_liquidityas	corona: use of liquidity assistances	Corona: Inanspruchnahme Liquiditätshilfen wegen Corona
han_cor4_investpos	corona: postponement of investment projects	Corona: Verschiebung von Investitionsprojekten wegen Corona
han_cor4_investcanc	corona: cancellation of investment projects	Corona: Streichung von Investitionsprojekten wegen Corona
han_cor4_fin_other	corona: other financial consequences	Corona: Sonstige Maßnahmen wegen Corona
han_cor4_fin_othertext	corona: other financial consequences text	Corona: Sonstige Maßnahmen wegen Corona Text
han_cor4_onlineret	corona april: expansion of online retail	Corona April: Ausweitung des Onlinehandels wegen Corona

han_cor_restrpublic	corona: duration of restrictions to public life due to the pandemic	Corona: Einschränkung des öffentlichen Lebens wegen Corona
han_cor4_turnovercon	corona april: constant turnover	Corona April: Keine Effekt auf Umsatz durch Corona
han_cor4_trunoverinc	corona april: increasing turnover	Corona April: Positiver Effekt auf Umsatz durch Corona
han_cor4_turnoverdec	corona april: decreasing turnover	Corona April: Negativer Effekt auf Umastz durch Corona
han_cor4_turnover_future	corona april: catch up on missed turnover in future	Corona April: Aufholen des Umsatzrückgangs nach Corona
han_cor4_foreignsup	corona april: usually necessary supply of products from abroad	Corona April: normalerweise Notwendigkeit von Zulieferung von Produkten aus
han_cor4_chinasup	corona april: supply of products from China	dem Ausland Corona April: Zulieferung von Produkten aus China
han_cor4_italysup	corona april: supply of products from Italy	Corona April: Zulieferung von Produkten aus Italien
han_cor4_othersup	corona april: supply of products from other states	Corona April: Zulieferung von Produkten aus anderen Staaten
han_cor4_othersup_text	corona april: supply of products from other states text	Corona April: Zulieferung von Produkten aus anderen Staaten (Text)
han_cor4_supply	corona april: problems in supply	Corona April: Aktuelle Lieferprobleme
han_cor4_problem	corona april: most problematic aspect	Corona April: Probelmatischster Aspekt der Corona-Pandemie
han_cor4_polconseq	corona april: desired political consequences	Corona April: Gewünschte politische Maßnahmen wegen Corona
han_cor4_survive	corona april: duration surviving shutdown	Corona April: Überlebensdauer des Unternehmens durch Corona-Maßnahmen
han_cor4_surviveas	corona april: duration survivign shutdown assistances	Corona April: Überlebensdauer des Unternehmens staatliche Hilfen Corona April: Verzögerung von Steuerzahlungen oder Reduzierung von
han_cor4_reduction han_cor4_reduction_planni	corona april: deferral of tax payments or reduce of prepayment	Vorauszahlungen
ng	corona april: If no, reduction in planning	Corona April: falls nein, Reduzierung geplant
han_cor5_measures1	corona may: stop of production due to the pandemic	Corona Mai: Produktionsstop aufgrund der Krise
han_cor5_measures2	corona may: use of assistances due to the pandemic	Corona Mai: Inanspruchnahme Liquiditätshilfen aufgrund der Krise
han_cor5_measures3	corona may: postponement of investment projects due to the pandemic	Corona Mai: Verschiebung von Investitionsprojekten aufgrund der Krise
han_cor5_measures4	corona may: cancellation of investment projects due to the pandemic	Corona Mai: Streichung von Investitionsprojekten aufgrund der Krise
han_cor5_measures5	corona may: short time work due to the pandemic	Corona Mai: Kurzarbeit aufgrund der Krise
han_cor_shorttime1	corona: share of employees in short time work	Corona: Anteil an Beschäftigten in Kurzarbeit
han_cor5_duration1	corona: time until business situation will normalize (best case)	Corona: Normalisierung der Geschäftslage (best case)
han_cor_duration2	corona: time until business situation will normalize (most likely case)	Corona: Normalisierung der Geschäftslage (most likely case)
han_cor5_duration3	corona: time until business situation will normalize (worst case)	Corona: Normalisierung der Geschäftslage (worst case)
han_cor5_liquidity1	corona may: time surviving with liquidity reserve	Corona Mai: Überlebensdauer mit Liquiditätsreserven
han_cor5_liquidity2	corona may: surviving with liquidity reserve	Corona Mai: Keine Engpässe erwartet
han_cor5_empl_now	corona: number of employees currently	Corona: Anzahl der Beschäftigten derzeit
han_cor5_change	corona may: changes within company after pandemic	Corona Mai: Veränderungen im Unternehmen nach Pandemie
han_cor5_travel	corona may: less business travels after the pandemic	Corona Mai: weniger Geschäftsreisen nach der Pandemie
han_cor5_homeoffice	corona may: more homeoffice after the pandemic	Corona Mai: mehr Homeoffice nach der Pandemie
han_cor5_automat	corona may: higher automatisation	Corona Mai: höhere Automatisierung nach der Pandemie
han_cor5_ext	corona may: reduction of external goods or services	Corona Mai: Reduzierung externe Produkte und Dienstleistungen
han_cor5_divers	corona may: higher diversification in procurement	Corona Mai: Diversifikation in der Beschaffung nach der Pandemie
han_cor5_product	corona may: change in product portfolio	Corona Mai: Veränderung des Produkportfolios nach der Pandemie
han_cor5_digital	corona may: increased use of digital distribution channels	Corona Mai: stärkere Nutzung digitaler Vertriebswege nach der Pandemie
han_cor5_other	corona may: other changes after corona pandemic	Corona Mai: andere Veränderungen nach der Pandemie
han_cor5_other_text	corona may: other changes after corona pandemic text	Corona Mai: andere Veränderungen nach der Pandemie Text
han_cor5_emp1	corona may: investment in employees currently	Corona Mai: Investitionen in Mitarbeiter derzeit
han_cor5_emp2	corona may: investment in employees after crisis	Corona Mai: Investitionen in Mitarbeiter nach der Krise
han_cor5_workplace1	corona may: investment in workplaces currently	Corona Mai: Investitionen in Arbeitsplatz derzeit

han_cor5_workplace2	corona may: investment in workplaces after crisis	Corona Mai: Investitionen in Arbeitsplatz nach der Krise
han_cor5_prod_online1	corona may: investment in online retail currently	Corona Mai: Investitionen in Onlinehandel derzeit
han_cor5_prod_online2	corona may: investment in online retail after crisis	Corona Mai: Investitionen in Onlinehandel nach Krise
han_cor5_supply1	corona may: investment in supply chains currently	Corona Mai: Investitionen in Lieferkettenmanagement derzeit
han_cor5_supply2	corona may: investment in supply chains after crisis	Corona Mai: Investitionen in Lieferkettenmanagement nach der Krise
han_cor5_other_inv1	corona may: other investments currently	Corona Mai: andere Investitionen derzeit
han_cor5_other_inv2	corona may: other investments after cirisis	Corona Mai: andere Investitionen nach der Krise
han_cor5_other_inv_text	corona may: other investments text	Corona Mai: andere Investitionen Text
han_stwork	short-time work	Kurzarbeit
han_stworkexp	expected short time work in next three months	Erwartete Kurzarbeit in nächsten drei Monaten
han_cor6_measures1	corona june: reduction of employees	Corona Juni: Beschäftigungsabbau
han_cor6_measures2	corona june: stop of production	Corona Juni: Produktionsstop
han_cor6_measures3	corona june: use of existing credit lines	Corona Juni: Nutzung bestehender Kreditlinien
han_cor6_measures4	corona june: new credit lines	Corona Juni: Erschließung neuer Kreditlinien
han_cor6_measures5	corona june: use of liquidity assistances	Corona Juni: Inanspruchnahme von Liquiditätshilfen
han_cor6_measures6	corona june: postponement of invvestment projects	Corona Juni: Verschiebung von Investitionsprojekten
han_cor6_measures7	corona june: cancellation of investment projects	Corona Juni: Streichung von Investitionsprojekten
han_cor6_measures8	corona june: short time work	Corona Juni: Kurzarbeit
han_cor_shorttime2	corona: mean percentage work reduction of employees in short time work	Corona: Arbeitsreduzierung in Kurzarbeit
han_cor6_shorttime3	corona june: short time work in next three months	Corona Juni: Kurzarbeit kommende drei Monate
han_cor6_duration1	corona: time until business situation will normalize (best case)	Corona: Normalisierung Geschäftssitiuation im besten Fall
han_cor6_duration3	corona: time until business situation will normalize (worst case)	Corona: Normalisierung Geschäftssitiuation im schlechtesten Fall
han_cor6_change	corona june: changes within company after pandemic	Corona Juni: dauerhafte Veränderungen nach Krise
han_cor_prob_fin	corona: problem finances	Corona: Problem Finanzen
han_cor_prob_market	corona: problem domestic market	Corona: Problem nationaler Absatzmarkt
han_cor_prob_formarket	corona: problem foreign markets	Corona: Problem internationale Absatzmärkte
han_cor_prob_empl	corona: problem employees	Corona: Problem Personal
han_cor_prob_supply	corona: problem supply	Corona: Problem Einkauf und Beschaffung
han_cor_prob_regulation	corona: problem federal regulations	Corona: Problem staatliche Auflagen
han_cor_prob_exist	corona: problems endanger existence	Corona: Probleme existenzbedrohend
han_cor_stwork	corona: shorttime yes or no	Corona: Kurzarbeit ja oder nein
han_cor1_lybc_v	corona july: change in turnover best case	Corona Juli: Umsatzänderung bester Fall
han_cor1_lybc	corona july: change in turnover best case dont know	Corona Juli: Umsatzänderung bester Fall weiss nicht
han_cor1_lywc_v	corona july: change in turnover worst case	Corona Juli: Umsatzänderung schlechtester Fall
han_cor1_lywc	corona july: change in turnover worst case dont know	Corona Juli: Umsatzänderung schlechtester Fall weiss nicht
han_cor1_lyac_v	corona july: change in turnover most likely case	Corona Juli: Umsatzänderung wahrscheinlichster Fall
han_cor1_lyac	corona july: change in turnover most likely case dont know	Corona Juli: Umsatzänderung wahrscheinlichster Fall weiss nicht
han_cor2_pbpc_sv	corona july: long run changes in business model likelihood	Corona Juli: dauerhafte Veränderungen Geschäftsmodell
han_cor2_pbpc_min	corona july: long run changes in business model minimum likelihood	Corona Juli: dauerhafte Veränderungen Geschäftsmodell Minimum
han_cor2_pbpc_max	corona july: long run changes in business model maximum likelihood	Corona Juli: dauerhafte Veränderungen Geschäftsmodell Maximum
han_cor2_pbpc	corona july: long run changes in business model dont know	Corona Juli: dauerhafte Veränderungen Geschäftsmodell weiss nicht
han_cor8_turnover_no	corona aug: no effect of pandemics on turnover	Corona Aug: kein Effekt der Pandemie auf Umsatz

	corona aug: positive percentage change in turnover due to	
han_cor8_turnover_inc	pandemics	Corona Aug: prozentualer Anstieg des Umsatzes durch Pandemie
han_cor8_turnover_dec	corona aug: negative percentage change in turnover due to pandemics	Corona Aug: prozentualer Rückgang des Umsatzes durch Pandemie
han_cor8_invest_no	corona aug: no effect of pandemics on investment	Corona Aug: kein Effekt der Pandemie auf Investitionen
han_cor8_invest_inc	corona aug: positive percentage change in investment due to pandemics	Corona Aug: prozentualer Anstieg der Investitionen durch Pandemie
han_cor8_invest_dec	corona aug: negative percentage change in investment due to pandemics	Corona Aug: prozentualer Rückgang der Investitionen durch Pandemie
han_cor8_change	corona aug: durable change in business after pandemics	Corona Aug: dauerhafte Veränderungen im Unternehmen nach Pandemie
han_cor8_home_no	corona aug: home office no change	Corona Aug: Homeoffice keine Veränderung nach Pandemie
han_cor8_home_inc	corona aug: home office increase in percent	Corona Aug: prozentuale Zunahme Homeoffice nach Pandemie
han_cor8_home_dec	corona aug: home office decrease in percent	Corona Aug: prozentualer Rückgang Homeoffice nach Pandemie
han_cor8_travel_no	corona aug: business travel no change	Corona Aug: Geschäftsreisen keine Veränderung nach Pandemie
han_cor8_travel_inc	corona aug: business travel increase in percent	Corona Aug: prozentuale Zunahme Geschäftsreisen nach Pandemie
han_cor8_travel_dec	corona aug: business travel decrease in percent	Corona Aug: prozentualer Rückgang Geschäftsreisen nach Pandemie
han_cor8_meetings_no	corona aug: virtual meetings no change	Corona Aug: virtuelle Meetings keine Veränderung nach Pandemie
han_cor8_meetings_inc	corona aug: virtual meetings increase in percent	Corona Aug: prozentuale Zunahme virtueller Meetings nach Pandemie
han_cor8_meetings_dec	corona aug: virtual meetings decrease in percent	Corona Aug: prozentueller Rückgang virtueller Meetings nach Pandemie
han_cor8_empl_now	corona: number of employees currently	Corona: Anzahl beschäftigter Personen im Unternehmen
han_cor8_gdp20	corona aug: expected GDP change Germany 2020	Corona Aug: prozentuale Veränderung BIP in 2020 zum Vorjahr
han_cor8_gdp21	corona aug: expected GDP change Germany 2021	Corona Aug: prozentuale Veränderung BIP in 2021 zum Vorjahr
han_cor8_fairs_past	corona: trade fairs attendance past	Corona: Teilnahme an internationalen Fachmessen letzte beiden Jahre
han_cor8_fairs_future	corona aug: trade fairs attendance future	Corona Aug: Teilnahme an internationalen Fachmessen in Zukunft
han_cor8_fairs_digital	corona aug: trade fairs digital alternatives	Corona Aug: Nutzung digitaler Alternativen zu Fachmessen
han_cor8_fairs_loss	corona: trade fairs economic losses	Corona: wirtschaftliche Einbußen durch fehlende Messeteilnahmen
han_cor9_eq1	corona sep: equity ratio in 2019	Corona Sep: Eigenkapitalquote 2019
han_cor9_eq2	corona sep: change in equity ratio	Corona Sep: Veränderung der Eigenkapitalquote
han_cor9_loan	corona sep: availability of bank loans change since march 2020	Corona Sep: Entwicklung der Verfügbarkeit von Bankkrediten seit März 2020
han_cor9_interest	corona sep: change in loan interest yes or no	Corona Sep: Veränderung von Kreditzinsen seit März 2020 ja oder nein
han_cor9_interest1	corona sep: decrease in base points	Corona Sep: Rückgang der Kreditzinsen in Basispunkten
han_cor9_interest2	corona sep: increase in base points	Corona Sep: Anstieg der Kreditzinsen in Basispunkten
han_cor9_credit1	corona sep: credit line in percent of balance in march 2020	Corona Sep: prozentualer Anteil der Kreditlinie an der Bilanzsumme im März 2020
han_cor9_credit2	corona sep: credit line in percent of balance in june 2020	Corona Sep: prozentualer Anteil der Kreditlinie an der Bilanzsumme im Juni 2020
han_cor9_nocredit1	corona sep: no credit line	Corona Sep: keine Kreditlinie
han_cor9_credit3	corona sep: use of credit lines in percent in march 2020	Corona Sep: prozentualer Anteil der Kreditlinie ausgeschöpft März 2020
han_cor9_credit4	corona sep: use of credit lines in percent in june 2020	Corona Sep: prozentualer Anteil der Kreditlinie ausgeschöpft Juni 2020
han_cor9_nocredit2	corona sep: no credit line	Corona Sep: keine Kreditlinie
han_cor9_cash1	corona sep: cash and cash equivalents in percent of balance in march 2020	Corona Sep: Anteil der Zahlungsmittel und Zahlungsmitteläquivalente an der Bilanzsumme März 2020
han_cor9_cash2	corona sep: cash and cash equivalents in percent of balance in june 2020	Corona Sep: Anteil der Zahlungsmittel und Zahlungsmitteläquivalente an der Bilanzsumme Juni 2020
han_cor9_r1a	corona sep: expected unemployment rate Germany in 2022	Corona Sep: erwartete Arbeitslosenquote in Deutschland 2022
han_cor9_r1b	corona sep: expected ECB prime rate in 2022	Corona Sep: erwarteter Leitszins der EZB 2022
han_cor9_r2a	corona sep: expected ECB prime rate in 2022	Corona Sep: erwarteter Leitszins der EZB 2022
han_cor9_r2b	corona sep: expected unemployment rate Germany in 2022	Corona Sep: erwartete Arbeitslosenquote in Deutschland 2022
han_cor9_r3a	corona sep: expected inflation rate Germany in 2022	Corona Sep: erwartete Inflationsrate in Deutschland 2022
han_cor9_r3b	corona sep: expected ECB prime rate in 2022	Corona Sep: erwarteter Leitszins der EZB 2022

han_cor9_r4a	corona sep: expected ECB prime rate in 2022	Corona Sep: erwarteter Leitszins der EZB 2022
han_cor9_r4b	corona sep: expected inflation rate Germany in 2022	Corona Sep: erwartete Inflationsrate in Deutschland 2022
han_cor9_r5a	corona sep: expected ECB prime rate in 2025	Corona Sep: erwarteter Leitszins der EZB 2025
han_cor9_r5b	corona sep: trust in predictions of experts	Corona Sep: Vertrauen in Prognosen von Experten
han_cor9_r6a	corona sep: expected inflation rate Germany in 2025	Corona Sep: erwarteter Leitszins der EZB 2025
han_cor9_r6b	'corona sep: trust in predictions of experts	Corona Sep: Vertrauen in Prognosen von Experten
han_cor10_price_comp	corona oct: relevance of developments in company for production	Corona Okt: Relevanz von Entwicklungen im Unternehmen für Entscheidungen hinsichtlich der Produktion
han_cor10_price_market	corona oct: relevance of development in market segment for production	Corona Okt: Relevanz von Entwicklungen im Marktsegment für Entscheidungen hinsichtlich der Produktion
han_cor10_price_econ	corona oct: relevance of overall economic developments for production	Corona Okt: Relevanz gesamtwirtschaftlicher Entwicklungen für Entscheidungen hinsichtlich der Produktion
han_cor10_fin1	corona oct: use of credit lines	Corona Okt: Finanzierung durch Kreditlinien
han_cor10_fin2	corona oct: use of bank loans	Corona Okt: Finanzierung durch Bankkredite
han_cor10_fin3	corona oct: use of bonds	Corona Okt: Finanzierung durch Anleihen
han_cor10_fin4	corona oct: use of equity	Corona Okt: Finanzierung durch Eigenkapital
han_cor10_credit_use1	corona oct: use of credit lines due to lack of liquidity	Corona Okt: Nutzung von Kreditlinien wegen Liquiditätsengpass
han_cor10_credit_use2	corona oct: use of credit lines for stock of liquidity	Corona Okt: Nutzung von Kreditlinien für Liquiditätspuffer
han_cor10_credit_use3	corona oct: use of credit lines for investment	Corona Okt: Nutzung von Kreditlinien für Investitionen
han_cor10_credit_use4	corona oct: use of credit lines for other reasons	Corona Okt: Nutzung von Kreditlinien aus anderen Gründen
han_cor10_credit_use4_te xt	corona oct: use of credit lines for other reasons (text)	Corona Okt: Nutzung Kreditlinien aus anderen Gründen (Text)
han_cor10_credit_dec1	corona oct: credit lines payed back by stock emission	Corona Okt: Rückzahlung von Kreditlinien durch Emission von Anleihen
han_cor10_credit_dec2	corona oct: credit lines payed back by other credit	Corona Okt: Rückzahlung von Kreditlinien durch Kreditaufnahme
han_cor10_credit_dec3	corona oct: credit lines payed back because capital not required	Corona Okt: Rückzahlung von Kreditlinien Gelder nicht gebraucht
han_cor10_credit_dec4	corona oct: credit lines payed back for other reason	Corona Okt: Rückzahlung von Kreditlinien anderer Grund
han_cor10_credit_dec_text	corona oct: credit lines payed back for other reason (text)	Corona Okt: Rückzahlung von Kreditlinien anderer Grund (Text)
han_cor11_empl_now	corona: number of employees currently	Corona: Anzahl der Beschäftigten derzeit
han_cor11_equipsale	corona nov: difficulty to sell equipment	Corona Nov: Wiederverkäuflichkeit Equipment
han_cor11_homeoff	corona: increased use of home office	Corona: Verstärkte Nutzung von Homeoffice
han_cor11_stwork_y	corona: short-time work	Corona: Kurzarbeit wegen Corona
han_cor11_overtime	corona: reduction of overtime	Corona: Abbau von Zeitguthaben wegen Corona
han_cor11_emplreduction	corona: reduction of employment	Corona: Beschäftigungsabbau wegen Corona
han_cor11_prodstop	corona: stop of production	Corona: Produktionsstop wegen Corona
han_cor11_storage_inc	corona: increased storaging	Corona: Verstärkte Lagerhaltung wegen Corona
han_cor11_supplier	corona: change or diversification of supplier	Corona: Wechsel von Zulieferern wegen Corona
han_cor11_bus_other	corona: other consequences	Corona: Andere Maßnahmen wegen Corona
han_cor11_bus_othertext	corona: other consequences text	Corona: Andere Maßnahmen wegen Corona Text
han_cor11_credit	corona: use of credit lines	Corona: Nutzung bestehender Kreditlinien wegen Corona
han_cor11_newcredit	corona: new credit lines	Corona: Erschließung neuer Kreditlinien wegen Corona
han cor11 liquidityas	corona: use of liquidity assistances	Corona: Inanspruchnahme Liquiditätshilfen wegen Corona
han cor11 investpos	corona: postponement of investment projects	Corona: Verschiebung von Investitionsprojekten wegen Corona
han cor11 investcanc	corona: cancellation of investment projects	Corona: Streichung von Investitionsprojekten wegen Corona
han_cor11_fin_other	corona: other financial consequences	Corona: Sonstige Maßnahmen wegen Corona
han cor11 fin othertext	corona: other financial consequences text	Corona: Sonstige Maßnahmen wegen Corona Text
	lack of employees overall	Mitarbeitermangel insgesamt
han_lack	iack of employees overall	wita better Haliger ilisgesallit

han_lowlack	lack of low skilled employees	Mangel an geringqualifizierten Mitarbeitern
han_cor_homeoffice	corona: share of employees in homeoffice	Anteil der Beschöftigten im Homeoffice
han_cor15_equity	corona mar21: equity ratio end 2020	Corona Mai 21: Eigenkapitalquote Ende 2020
han cor15 equity2	corona mar21: equity ratio during covid pandemic	Corona Mai 21: Eigenkapitalquote während der Pandemie
han_cor15_turnover_no	corona mar21: no effect of pandemic on turnover	Corona Mär 21: kein Effekt der Pandemie auf Umsatz
han_cor15_turnover_inc	corona mar21: positive effect of pandemic on turnover	Corona Mär 21: prozentualer Anstieg des Umsatzes durch Pandemie
han_cor15_turnover_dec	corona mar21: negative effect of pandemic on turnover	Corona Mär 21: prozentualer Rückgang des Umsatzes durch Pandemie
han_cor16_turnover_no	corona: no effect of pandemic on turnover corona: positive percentage change in turnover due to	Corona: kein Effekt der Pandemie auf Umsatz
han_cor16_turnover_inc	pandemics	Corona: prozentualer Anstieg des Umsatzes durch Pandemie
han_cor16_turnover_dec	corona: negative percentage change in turnover due to pandemics	Corona: prozentualer Rückgang des Umsatzes durch Pandemie
han_cor16_apply_assist1	corona apr21: application for november-assistances	Corona Apr 21: Beantragung von Novemberhilfen
han_cor16_apply_assist2	corona apr21: application for december-assistances	Corona Apr 21: Beantragung von Dezemberhilfen
han_cor16_apply_assist3	corona apr21: application for interim-aid 2	Corona Apr 21: Beantragung von Überbrückungshilfen 2
han_cor16_apply_assist4	corona apr21: application for interim-aid 3	Corona Apr 21: Beantragung von Überbrückungshilfen 3
han_cor16_apply_assist5	corona apr21: application for KfW loan	Corona Apr 21: Beantragung von KfW-Krediten
han_cor16_receive_assist1	corona apr21: payments from november-assistances	Corona Apr 21: Zahlungen von Novemberhilfen
han_cor16_receive_assist2	corona apr21: payments from december-assistances	Corona Apr 21: Zahlungen von Dezemberhilfen
han_cor16_receive_assist3	corona apr21: payments from interim-aid 2	Corona Apr 21: Zahlungen von Überbrückungshilfen 2
han_cor16_receive_assist4	corona apr21: payments from interim-aid 3	Corona Apr 21: Zahlungen von Überbrückungshilfen 3
han_cor16_receive_assist5	corona apr21: payments from KfW loan	Corona Apr 21: Zahlungen von KfW-Krediten
han_cor16_use_assist1	corona apr21: helpfulness of november-assistances	Corona Apr 21: hilfreich Novemberhilfen
han_cor16_use_assist2	corona apr21: helpfulness of december-assistances	Corona Apr 21: hilfreich Dezemberhilfen
han_cor16_use_assist3	corona apr21: helpfulness of interim-aid 2	Corona Apr 21: hilfreich Überbrückungshilfen 2
han_cor16_use_assist4	corona apr21: helpfulness of interim-aid 3	Corona Apr 21: hilfreich Überbrückungshilfen 3
han_cor16_use_assist5	corona apr21: helpfulness of KfW loan	Corona Apr 21: hilfreich KfW-Kredite
han_cor17_present_test	corona may21: covid tests share of present employees	Corona Mai 21: Covid Tests Anteil in Präsenz Beschäftigter
han_cor17_present_no	corona may21: no present employees	Corona Mai 21: keine in Präsenz Beschäftigten
han_cor17_test_no	corona may21: no test offer possible yet	Corona Mai 21: Bisher keine Test Möglichkeit
han_cor17_empl_now	corona: number of employees currently	Corona: Anzahl der Beschäftigten
han_cor17_procurement	corona may21: planned change in procurement strategy	Corona Mai 21: geplante Änderungen Beschaffungsstrategie
han_cor17_procurement_d	corona may21: diversification of procurement	Corona Mai 21: Diversifikation in Beschaffung
ivers han_cor17_procurement_h	corona may21: local procurement	Corona Mai 21: verstärkte heimische Beschaffung
ome han_cor17_procurement_e	corona may21: procurement of eu states	Corona Mai 21: verstärkte Beschaffung aus EU-Ländern
u han_cor17_procurement_s	corona may21: increased storaging	Corona Mai 21: verstärkte Lagerhaltung
torage han_cor17_procurement_	corona may21: increased monitoring of supply chains	Corona Mai 21: bessere Überwachung der Lieferketten
monitor han cor17 supply law	corona may21: effect of supply chain law	Corona Mai 21: Auswirkungen des Lieferkettengesetzes
han_cor17_supply_law_tex	corona may21: effect of supply chain law text	Corona Mai 21: Auswirkungen des Lieferkettengesetzes Text
t han_cor18_proc_price_no	corona june21: no change in procurement price	Corona Juni 21: Keine Beschaffungspreisveränderung
han_cor18_proc_price_inc	corona june21: increase in procurement price	Corona Juni 21: Reine Deschaftungspreisveranderung Corona Juni 21: Beschaffungspreisanstieg
han cor18 proc price dec	corona june21: decrease in procurement price	Corona Juni 21: Beschaffungspreisanstieg Corona Juni 21: Beschaffungspreisrückgang
han_cor18_proc_price_pas		
s	corona june21: pass on increasing costs to customers	Corona Juni 21: Höhere Einkaufspreise an Kunden weitergeben
han_cor18_proc_short	corona june21: supply shortage	Corona Juni 21: Lieferengpässe

han_cor19_inv_cha_no	corona july21: no expected change in investments	Corona Juli 21: Keine Veränderung der Investitionen
han_cor19_inv_cha_inc	corona july21: increase of expected change in investments compared to 2019	Corona Juli 21: Anstieg der erwarteten Veränderung der Investitionen verglichen mit 2019
han_cor19_inv_cha_dec	corona july21: decrease of expected change in investments compared to 2019	Corona Juli 21: Rückgang der erwarteten Veränderung der Investitionen verglichen mit 2019
han_supply_shortage	Sales activity is constrained by supply shortage	Umsatztätigkeiten werden durch Lieferengpässe behindert
han_cor20_empl_now	corona: number of employees currently	Corona: Aktuelle Anzahl an Beschäftigten
han_cor_sale_short	corona: sales activity is constrained by supply shortage	Corona: Umsatztätigkeiten behindert durch Lieferengpässe
han_cor20_sale_short_flood	corona aug21: supply shortage aggravated by flood disaster	Corona August 21: Verschärfung der Lieferengpässe durch Flutkatastrophe
han_cor20_fairs_past	corona: trade fairs attendance past	Corona: Teilnahme bei internationalen Fachmessen
han_cor20_fairs_loss	corona: trade fairs economic losses	Corona: wirtschaftliche Einbußen durch fehlende Messeteilnahmen
han_cor20_trade_fair_virtu	corona aug21: participant in virtual trade fairs	Corona August 21: Teilnahme bei virtuellen Messen
han_cor20_trade_fair_virtu al fut	corona aug21: importance of virtual trade fairs in the future	Corona August 21: Bedeutung von virtuellen Messen in der Zukunft
han_cor21_satis_adm_mun	corona sep21: satisfaction with municipal administration	Corona September 21: Zufriedenheit mit Stadt- und Gemeindeverwaltung
icipal han_cor21_satis_adm_distr	corona sep21: satisfaction with district administration	Corona September 21: Zufriedenheit mit Landratsamt oder Kreisverwaltung
ict han_cor21_satis_adm_tax	corona sep21: satisfaction with tax office	Corona September 21: Zufriedenheit mit Finanzamt
han_cor21_satis_adm_emp	corona sep21: satisfaction with employment agency	Corona September 21: Zufriedenheit mit Arbeitsagentur
loy han_cor21_satis_insur_tra	corona sep21: satisfaction with trade association	Corona September 21: Zufriedenheit mit Berufsgenossenschaft
de han_cor21_satis_insur_pen	corona sep21: satisfaction with pension and care insurance	Corona September 21: Zufriedenheit mit Deutsche Rentenversicherung und
sion	corona sep21: expected economic loss caused by state	Pflegekassen Corona September 21: Erwarteter ökonomischer Verlust aufgrund staatlicher
han_cor21_exp_loss	bureaucracy corona oct21: duration sales activity is constrained by supply	Bürokratie
han_cor22_dur_sale_short	shortage text corona nov21: confidence in epidemiologists and virologists	Corona Oktober 21: Dauer der Behinderung der Umsatztätigkeit Textfeld Corona September 21: Vertrauen in Epidemiologen und Virologen bezüglich Covin
han_cor23_conf_epid	regarding covid-19 corona nov21: confidence in economists regarding the	19
han_cor23_conf_econ	consequences of covid-19	Corona September 21: Vertrauen in Ökonomen bezüglich Covid-19
han_cor26_dep_chin	corona feb22: depend. on goods deliveries from china	Corona Februar 22: Angewiesenheit auf wichtige Warenlieferunge aus China
han_cor26_dep_chan_incr	corona feb22: depend. leads to change imports: increase in imports	Corona Februar 22: Abhängigkeit führt zu Veränderung der Importe: Steigerung der Importe
han_cor26_dep_chan_no	corona feb22: depend. leads to change imports: no change	Corona Februar22: Abhängigkeit führt zu Veränderung der Importe: keine Veränderung
han_cor26_dep_chan_redg er	corona feb22: depend. leads to change imports: reduct., germ. products instead	Corona Februar 22: Abhängigkeit führt zu Veränderung der Importe: Bezug aus Deutschland
han_cor26_dep_chan_rede u	corona feb22: depend. leads to change imports: reduct., europ. import instead	Corona Februar 22: Abhängigkeit führt zu Veränderung der Importe: Import aus Europa
han_cor26_dep_chan_redn oneu	corona feb22: depend. leads to change imports: reduct., non- europ. import instead	Corona Februar 22: Abhängigkeit führt zu Veränderung der Importe: Import außerhalb Europa
han_cor26_dep_red_div	corona feb22: reas. f. reduct. of chin. imports diversification	Corona Februar 22: Gründe f. Reduz. chin. Importe: Diversifizierung
han_cor26_dep_red_freico st	corona feb22: reas. f. reduct. of chin. imports: increased freight costs	Corona Februar 22: Gründe f. Reduz. chin. Importe: gestiegene Frachtkosten
han_cor26_dep_red_susc	corona feb22: reas. f. reduct. of chin. imports: failure-prone transport.	Corona Februar22: Gründe f. Reduz. chin. Importe: Störanfälligkeit des Transport
han_cor26_dep_red_price	corona feb22: reas. f. reduct. of chin. imports: increased manufact./purch. Price	Corona Februar22: Gründe f. Reduz. chin. Importe: gestiegene Herstellerpreise/Einkaufspreise
han_cor26_dep_red_qual	corona feb22: reas. f. reduct. of chin. imports: lack of quality	Corona Februar22: Gründe f. Reduz. chin. Importe: mangelnde Qualität
han_cor26_dep_red_pol	corona feb22: reas. f. reduct. of chin. imports: political uncertainty	Corona Februar22: Gründe f. Reduz. chin. Importe: politische Unsicherheit
han_cor26_dep_red_other s	corona feb22: reas. f. reduct. of chin. imports: others	Corona Februar22: Gründe f. Reduz. chin. Importe: sonstige
han_cor26_dep_red_other s_text	corona feb22: reas. f. reduct. of chin. imports: others text	Corona Februar22: Gründe f. Reduz. chin. Importe: sonstiges Textfeld
han_cor_share_onl_ly	corona: share of online sales in the last year	Corona: Anteil Online-Umsatzes im letzten Geschäftsjahr
han_invdev_lj	investment in research/development last year	Investitionen Forschung Entwicklung letztes Jahr
han_invdev_dj	investment in research/development this year	Investitionen Forschung Entwicklung dieses Jahr
han_invdev_nj	investment in research/development next year	Investitionen Forschung Entwicklung nächstes Jahr
han_ukr1_risk	ukraine mar22: in general a risk taker	Ukraine März22: Im Allgemeinen ein risikobereiter Mensch
han_ukr2_price_pass	ukraine april22: pass on increasing costs to customers	Ukraine April22: Steigende Preise an Kunden weitergeben
	ukraine april22: sales revenue spend on energy costs in 2021	Ukraine April22: Anteil des Umsatzerlöses für Energiekosten
han_ukr2_energy_cost	usi allie aprilizz. Sales revenue spend on energy costs in 2021	on an e April 22. Anten des omsatzerioses für Energiekosten

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han_effect_minw_compet effects min. wage: competitiveness Effekte der Mindestlohnerhöhung: Wettbewerbsfähigkeit
han_effect_minw_prel effects min. wage: prices for prel. prod. Effekte der Mindestlohnerhöhung: Einkaufspreise für Vorprodukte bzw. Vorleistungen
han_effect_minw_dem effects min. wage: demand for goods Effekte der Mindestlohnerhöhung: Nachfrage nach Ihren Waren
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THE AGIN	exico dk. ing up something beneficial to gain advantage in future	nicht Vorteile aufgeben, um in Zukunft größere Vorteile zu erhalten
	ration participation ifo business survey	Dauer Teilnahme an ifo Konjunkturumfrage
high		Höhere Kosten für Energie, Rohstoffe und Vormaterialien, bereits an die Kunden
high	her exp. costs for ener., raw mat. and input mat. passed to	weitergegeben Höhere Kosten für Energie, Rohstoffe und Vormaterialien, in nächsten 6 Monaten
nan_nigncostexp_cust_nb	stomers in next 6 mon.	an die Kunden weitergeben
nan_limpric_comppres	tors limit company's room f. maneuver regarding pricing: npetitive pressure	Faktoren, die den Handlungsspielraum des Unternehmens bei der Preisgestaltung einschränken: Wettbewerbsdruck
	tors limit company's room f. maneuver regarding pricing: weak mand	Faktoren, die den Handlungsspielraum des Unternehmens bei der Preisgestaltung einschränken: schwache Nachfrage
	tors limit company's room f. maneuver regarding pricing: long- $\!$	Faktoren, die den Handlungsspielraum des Unternehmens bei der Preisgestaltung einschränken: langfristige Vertragsbindung
	tors limit company's room f management according a size	Faktoren, die den Handlungsspielraum des Unternehmens bei der Preisgestaltung einschränken: administrativer Aufwand
nan limnric regill	tors limit company's room f. maneuver regarding pricing: ministrative effort	Faktoren, die den Handlungsspielraum des Unternehmens bei der Preisgestaltung einschränken: Regulierung
han limnric otherstevt fact	ministrative effort tors limit company's room f. maneuver regarding pricing: ulation tors limit company's room f. maneuver regarding pricing:	Faktoren, die den Handlungsspielraum des Unternehmens bei der Preisgestaltung einschränken: sonstige

nan_impric_otherstext	others text	einschränken: sonstige Textfeld
han_prob_next5_collgdp	probability occurance in next 5 years: collapse gdp (min. 5%)	Eintrittswahrscheinlichkeit in den nächsten 5 Jahren: Zusammenbruch des BIP (mind. 5%)
han_prob_next5_fincris	probability occurance in next 5 years: financial crisis	Eintrittswahrscheinlichkeit in den nächsten 5 Jahren: Finanzkrise
han_prob_next5_pand	probability occurance in next 5 years: pandemic	Eintrittswahrscheinlichkeit in den nächsten 5 Jahren: Eine Pandemie
han_prob_next5_esc	probability occurance in next 5 years: escalation of geopolitical conflicts	Eintrittswahrscheinlichkeit in den nächsten 5 Jahren: Eine Eskalation geopolitischer Konflikte
han_expprice_elec_23	expected price electricity in 2023	Erwarteter Strompreis im Jahr 2023
han_expprice_elec_25	expected price electricity in 2025	Enwarteter Strompreis im Jahr 2025
han_empl_exp23	expected employees development 2023	Erwartete Mitarbeiterentwicklung 2023
han_empl_exp23_inc	expected employees development 2023: increase	Erwartete Mitarbeiterentwicklung 2023: Anstieg
han_empl_exp23_dec	expected employees development 2023_ decrease	Erwartete Mitarbeiterentwicklung 2023: Rückgang
han_emplhire_3months	employees company will hire in next 3 months	Mitarbeitereinstellungen Unternehmen nächsten 3 Monate
han_emplleave_3months	employees company will leave in next 3 months	Mitarbeiterausscheiden Unternehmen nächsten 3 Monate
han_turnover_penuly_bil	amount of turnover 20XX (penultimate year): billion	Umsatzhōhe 20XX (vorletztes Jahr): Milliarde
han_turnover_penuly_mil	amount of turnover 20XX (penultimate year): million	Umsatzhöhe 20XX (vorletztes Jahr): Million
han_turnover_penuly_thou s	amount of turnover 20XX (penultimate year): thousand	Umsatzhöhe 20XX (vorletztes Jahr): Tausend
han_turnover_lasty_bil	amount of turnover 20YY (last year): billion	Umsatzhöhe 20YY (letztes Jahr): Milliarde
han_turnover_lasty_mil	amount of turnover 20YY (last year): million	Umsatzhöhe 20YY (letztes Jahr): Million
han_turnover_lasty_thous	amount of turnover 20YY (last year): thousand	Umsatzhöhe 20YY (letztes Jahr): Tausend
han_inv_penuly_bil	amount of investments 20XX (penultimate year): billion	Investitionshöhe 20XX (vorletztes Jahr): Milliarde
han_inv_penuly_mil	amount of investments 20XX (penultimate year): million	Investitionshöhe 20XX (vorletztes Jahr): Million
han_inv_penuly_thous	amount of investments 20XX (penultimate year): thousand	Investitionshöhe 20XX (vorletztes Jahr): Tausend
han_inv_lasty_bil	amount of investments 20YY (last year): billion	Investitionshöhe 20YY (letztes Jahr): Milliarde
han_inv_lasty_mil	amount of investments 20YY (last year): million	Investitionshöhe 20YY (letztes Jahr): Million
han_inv_lasty_thous	amount of investments 20YY (last year): thousand	Investitionshöhe 20YY (letztes Jahr): Tausend
han_perc_partthome_befc ov	percentage employees part time in homeoffice before covid in 2019	Anteil der Teilzeitbeschäftigten im Homeoffice vor Covid im Jahr 2019
han_perc_underutwork_no w	percentage onsite workstations underutilized due to homeoffice currently	Anteil der nicht ausgelasteten Arbeitsplätze vor Ort aufgrund von Homeoffice derzeit
han_perc_underutwork_be fcov	percent. onsite workst. Underutiliz. due to homeoff. before covid in 2019 $$	Anteil er nicht ausgelasteten Arbeitsplätze vor Ort aufgrund von Homeoffice vor Covid im Jahr 2019
han_sect_survey_manage	sector of company which completes ifo survey: management	$\label{thm:continuity} Unternehmens\text{-}Bereich der die ifo-Konjunkturumfrage ausfüllt: Geschäftführung$
han_sect_survey_finance	sector of company which completes ifo survey: finance	Unternehmens-Bereich der die ifo-Konjunkturumfrage ausfüllt: Finanzen
han_sect_survey_sales	sector of company which completes ifo survey: sales	Unternehmens-Bereich der die ifo-Konjunkturumfrage ausfüllt: Vertrieb
han_sect_survey_others	sector of company which completes ifo survey: others	Unternehmens-Bereich der die ifo-Konjunkturumfrage ausfüllt: Sonstiges
han_sect_survey_otherstex t	sector of company which completes ifo survey: others text	Unternehmens-Bereich der die ifo-Konjunkturumfrage ausfüllt: Sonstiges und zwar
han_pos_survey_holder	company position of person completing the survey: holder	Unternehmens-Position des Mitarbeiters der die ifo-Konjunkturumfrage ausfüllt: Inhaber(in)
han_pos_survey_manage	company position of person completing the survey: management	Unternehmens-Position des Mitarbeiters der die ifo-Konjunkturumfrage ausfüllt: Geschäftsführer(in)
han_pos_survey_departe	company position of person completing the survey: department head $\label{eq:company} % \begin{center} $	Unternehmens-Position des Mitarbeiters der die ifo-Konjunkturumfrage ausfüllt: Abteilungsleiter(in)
han_pos_survey_tlead	company position of person completing the survey: team leader	Unternehmens-Position des Mitarbeiters der die Ifo-Konjunkturumfrage ausfüllt: Teamleiter(in)
han_pos_survey_admin	company position of person completing the survey: administrator	Unternehmens-Position des Mitarbeiters der die ifo-Konjunkturumfrage ausfüllt: Sachbearbeiter(in)
han_pos_survey_others	company position of person completing the survey: others	Unternehmens-Position des Mitarbeiters der die ifo-Konjunkturumfrage ausfüllt: Sonstiges
han_pos_survey_otherstex t	company position of person completing the survey: others text	Unternehmens-Position des Mitarbeiters der die ifo-Konjunkturumfrage ausfüllt: Sonstiges Text
han_view_techn_ai	point of view on digital technologies: artificial intelligence	Standpunkt zu digitalen Technologien: Künstliche Intelligenz
han_view_techn_blockchai n	point of view on digital technologies: blockchain	Standpunkt zu digitalen Technologien: Blockchain

han_view_techn_cloudcom p	point of view on digital technologies: cloud computing	Standpunkt zu digitalen Technologien: Cloud Computing
han_equityratio_22	amount of equity ratio at end of 2022	Höhe der Eigenkapitalquote am Ende des Jahres 2022
han_vacancies_comp	current vacancies in the company	Aktuelle offene Stellen im Unternehmen
han_emplhire_last3m	employees company hired in last 3 months	Mitarbeitereinstellungen Unternehmen in den letzten 3 Monaten
han_emplleave_last3m	employees company left in last 3 months	Mitarbeiterausscheiden Unternehmen in den letzten 3 Monaten
han_perc_worktime_ho	percentage of working time currently spent in home office	Anteil der derzeit im Home Office verbrachten Arbeitszeit
han_cha_offispace_ho	change office space due to home office	Veränderung Bürofläche aufgrund von Home Office
han_horeg_compagree	home office regulation: yes, company agreement	Home-Office-Regelung: ja, Betriebsvereinbarung
han_horeg_teamlvl	home office regulation: yes, regulation at team level	Home-Office-Regelung: ja, Regelung auf Teamebene
han_horeg_other	home office regulation: yes, other regulation	Home-Office-Regelung: ja, andere Regelung
han_horeg_no	home office regulation: no, no regulation	Home-Office-Regelung: nein, keine Regelung
han_cha_horeg_fut	change home office regulations in the future	Veränderung Home-Office-Regelung in der Zukunft
han_prod_ho_os	change prod. home off. work. when work. entir. on site	Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort
han_prod_osmore	change prod. ho. work. when on site: how much more productive	Veränderung Produktivität Homeoffice Arbeitende wenn vor Ort: Wie viel produktiver
han_prod_oshi_dis	change prod. ho. work. when on site: reas. high. prod.: less distraction	Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort: weniger Ablenkung
han_prod_oshi_com	change prod. ho. work. when on site: reas. high. prod.: efficient	Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort:
han_prod_oshi_wtime	com. change prod. ho. work. when on site: reas. high. prod.: long. work. Time	effizientere Abstimmung Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort: längere Arbeitszeit
han_prod_oshi_iden	change prod. ho. work. when on site: reas. high. prod.: high ident.	Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort:
han_prod_oshi_man	change prod. ho. work. when on site: reas. high. prod.: easier	Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort:
han_prod_oshi_know	change prod. ho. work. when on site: reas. high. prod.: knowled.	einfacheres Managen Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort:
han_prod_oshi_others	exch. change prod. ho. work. when on site: reas. high. prod.: others	mehr Wissensaustausch Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort:
han_prod_oshi_otherstext	change prod. ho. work. when on site: reas. high. prod.: others	sonstiges Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort:
han_prod_osless	text change prod. ho. work. when on site: how much less productive	sonstiges Text Veränderung Produktivität Homeoffice Arbeitende wenn Arbeitende vor Ort: Wie
han prod hohi dis	change prod. ho. work. when in ho.: reas. high. prod.: less	viel weniger produktiv Veränd. Produkt. Homeoff. Arbeitende wenn Arbeitende im Homeoff.: Gründe
han prod hohi wtime		höhere Produkt.: weniger Ablenkung Veränd. Produkt. Homeoff. Arbeitende wenn Arbeitende im Homeoff.: Gründe
han prod hohi iden	Time change prod. ho. work. when in ho.: reas. high. prod.: high ident.	höhere Produkt.: längere Arbeitszeit Veränd. Produkt. Homeoff. Arbeitende wenn Arbeitende im Homeoff.: Gründe
	change prod. ho. work. when in ho.: reas. high. prod.: inc. job	höhere Produkt.: höhere Identifikation Veränd. Produkt. Homeoff. Arbeitende wenn Arbeitende im Homeoff.: Gründe
han_prod_hohi_jsatis	satis. change prod. ho. work. when in ho.: reas. high. prod.: sched.	höhere Produkt.: erhöht Jobzufriedenheit Veränd. Produkt. Homeoff. Arbeitende wenn Arbeitende im Homeoff.: Gründe
han_prod_hohi_schtime	work. Time change prod. ho. work. when in ho.: reas. high. prod.: impr. work-	höhere Produkt.: Einteilung Arbeitszeit Veränd. Produkt. Homeoff. Arbeitende wenn Arbeitende im Homeoff.: Gründe
han_prod_hohi_wlbal	life-bal.	höhere Produkt.: verb. Work-Life-Bal. Veränd. Produkt. Homeoff. Arbeitende wenn Arbeitende im Homeoff.: Gründe
han_prod_hohi_others	change prod. ho. work. when in ho.: reas. high. prod.: othes	höhere Produkt.: sonstiges Veränd. Produkt. Homeoff. Arbeitende wenn Arbeitende im Homeoff.: Gründe
han_prod_hohi_otherstext	change prod. ho. work. when in ho.: reas. high. prod.: others text	höhere Produkt.: sonstiges Text
han_perc_workst_onsite	percentage workstations on site utilized on average workday	Anteil Arbeitsplätze vor Ort ausgelastet an durchschnittlichem Arbeitstag
han_days_homeoff_mon	weekdays employees most freque. home office: Monday	Wochentage Beschäftigte am häufigsten im Homeoffice: Montag
han_days_homeoff_tues	weekdays employees most freque. home office: Tuesday	Wochentage Beschäftigte am häufigsten im Homeoffice: Dienstag
han_days_homeoff_wed	weekdays employees most freque. home office: Wednesday	Wochentage Beschäftigte am häufigsten im Homeoffice: Mittwoch
han_days_homeoff_thurs	weekdays employees most freque. home office: Thursday	Wochentage Beschäftigte am häufigsten im Homeoffice: Donnerstag
han_days_homeoff_fri	weekdays employees most freque. home office: Friday	Wochentage Beschäftigte am häufigsten im Homeoffice: Freitag
han_days_homeoff_no	weekdays employees most freque. home office: no ho. Possible	Wochentage Beschäftigte am häufigsten im Homeoffice: Kein Homeoffice möglic
han_collap_comsale_best	gdp collapses 5%: company sales affected best case	BIP bricht um 5% ein: Unternehmensverkäufe im besten Fall betroffen
han_collap_comsale_ave	gdp collapses 5%: company sales affected average case	BIP bricht um 5% ein: Unternehmensverkäufe im Durchschnitt betroffen
han collan comeala worst	ado collanção 5% company calas affactad worst casa	RID hricht i im 5% ain: I Internahmansvarkäufa im schlachtastan Fall hatroffan

IIaII_collap_collisale_worst	gup conapses 376. company sales affected worst case	DIF DIKIIL UII J/8 EIII. OILEHIEIIIIEIISVEIKAUE IIII SCHECILESLEH I AII DELIOHEI
han_perc_borrcap_23	percentage investm. financed w. borrowed capital 2023	Anteil Investitionen finanziert mir Fremdkapital 2023
han_perc_borrcap_24	percentage investm. financed w. borrowed capital 2024	Anteil Investitionen finanziert mir Fremdkapital 2024
han_redinv_totinv	red. inv. due interest rates / credit cond. last 1.5 y.: total inv.	red. Inv. wegen Zinssätzen / Kreditkond. letzten 1,5 J.: Gesamtinv.
han_redinv_invres	red. inv. due interest rates / credit cond. last 1.5 y.: inv. Research	red. Inv. wegen Zinssätzen / Kreditkond. letzten 1,5 J.: Inv. Forschung
han_redinv_invene	red. inv. due interest rates / credit cond. last 1.5 y.: inv. Ener. effi.	red. Inv. wegen Zinssätzen / Kreditkond. letzten 1,5 J.: Inv. Energieeffi.
han_redinv_perc_totinv	red. inv. due interest rates / credit cond. last 1.5 y. in perc: total inv. $% \label{eq:condition}%$	red. Inv. wegen Zinssätzen / Kreditkond. letzten 1,5 J. in Prozent: Gesamtinv.
han_redinv_perc_invres	red. inv. due interest rates / credit cond. last 1.5 y. in perc: inv. Research	red. Inv. wegen Zinssätzen / Kreditkond. letzten 1,5 J. in Prozent: Inv. Forschung
han_redinv_perc_invene	red. inv. due interest rates / credit cond. last 1.5 y. in perc: inv. Ener. effi.	red. Inv. wegen Zinssätzen / Kreditkond. letzten 1,5 J. in Prozent: Inv. Energieeffi.
han_reas_invene_red	reasons investments in energy efficiency reduced more/less	Gründe Investitionen in Energieeffizienz mehr/weniger reduziert
han_reas_invres_red	reasons investments in research reduced more/less	Gründe Investitionen in Forschung mehr/weniger reduziert
han_planinv_2024	planned investments for 2024	Geplante Investitionen für 2024
han_planinv_2025	planned investments for 2025	Geplante Investitionen für 2025
han_ninv24_len05_inv	no inv. 2024: lending rates 0.5 perc. points lower: in this case inv. 2024	keine Inv. 2024: Kreditzinsen 0,5 Prozentpunkte niedriger: in diesem Fall inv. 2024
han_ninv24_len1_inv	no inv. 2024: lending rates 1 perc. points lower: in this case inv. 2024	keine Inv. 2024: Kreditzinsen 1 Prozentpunkte niedriger: in diesem Fall inv. 2024
han_ninv24_len3_inv	no inv. 2024: lending rates 3 perc. points lower: in this case inv. 2024	keine Inv. 2024: Kreditzinsen 3 Prozentpunkte niedriger: in diesem Fall inv. 2024
han_ninv24_len4_inv	no inv. 2024: lending rates 4 perc. points lower: in this case inv. 2024	keine Inv. 2024: Kreditzinsen 4 Prozentpunkte niedriger: in diesem Fall inv. 2024
han_ninv25_len05_inv	no inv. 2025: lending rates 0.5 perc. points lower: in this case inv. 2025	keine Inv. 2025: Kreditzinsen 0,5 Prozentpunkte niedriger: in diesem Fall inv. 2025
han_ninv25_len1_inv	no inv. 2025: lending rates 1 perc. points lower: in this case inv. 2025 $ \label{eq:continuous} $	keine Inv. 2025: Kreditzinsen 1 Prozentpunkte niedriger: in diesem Fall inv. 2025
han_ninv25_len3_inv	no inv. 2025: lending rates 3 perc. points lower: in this case inv. 2025	keine Inv. 2025: Kreditzinsen 3 Prozentpunkte niedriger: in diesem Fall inv. 2025
han_ninv25_len4_inv	no inv. 2025: lending rates 4 perc. points lower: in this case inv. 2025	keine Inv. 2025: Kreditzinsen 4 Prozentpunkte niedriger: in diesem Fall inv. 2025
han_inv24_len05_plinv	inv. 2024: lending rates 0.5 perc. points lower: Adj. planned total inv. $ \\$	Inv. 2024: Kreditzinsen 0,5 Prozentpunkte niedriger: Anpassung geplanten Gesamtinvestitionen
han_inv24_len1_plinv	inv. 2024: lending rates 1 perc. points lower: Adj. planned total inv. $ \\$	Inv. 2024: Kreditzinsen 1 Prozentpunkte niedriger: Anpassung geplanten Gesamtinvestitionen
han_inv24_len3_plinv	inv. 2024: lending rates 3 perc. points lower: Adj. planned total inv.	Inv. 2024: Kreditzinsen 3 Prozentpunkte niedriger: Anpassung geplanten Gesamtinvestitionen
han_inv24_len4_plinv	inv. 2024: lending rates 4 perc. points lower: Adj. planned total inv.	Inv. 2024: Kreditzinsen 4 Prozentpunkte niedriger: Anpassung geplanten Gesamtinvestitionen
han_inv25_len05_plinv	inv. 2025: lending rates 0.5 perc. points lower: Adj. planned total inv.	Inv. 2025: Kreditzinsen 0,5 Prozentpunkte niedriger: Anpassung geplanten Gesamtinvestitionen
han_inv25_len1_plinv	inv. 2025: lending rates 1 perc. points lower: Adj. planned total inv. $ \\$	Inv. 2025: Kreditzinsen 1 Prozentpunkte niedriger: Anpassung geplanten Gesamtinvestitionen
han_inv25_len3_plinv	inv. 2025: lending rates 3 perc. points lower: Adj. planned total inv.	Inv. 2025: Kreditzinsen 3 Prozentpunkte niedriger: Anpassung geplanten Gesamtinvestitionen
han_inv25_len4_plinv	inv. 2025: lending rates 4 perc. points lower: Adj. planned total inv.	Inv. 2025: Kreditzinsen 4 Prozentpunkte niedriger: Anpassung geplanten Gesamtinvestitionen
han_inv24_l05_noplinv_rea	inv. 2024: lend. Rat. 0.5 perc. Poi. Lo.: no adj. Planned: reasons	Inv. 2024: Kreditzinsen 0,5 Prozentp. niedriger: keine Anpassung geplant: Gründe
han_inv24_l1_noplinv_rea	inv. 2024: lend. Rat. 1 perc. Poi. Lo.: no adj. Planned: reasons	Inv. 2024: Kreditzinsen 1 Prozentp. niedriger: keine Anpassung geplant: Gründe
han_inv24_l3_noplinv_rea	inv. 2024: lend. Rat. 3 perc. Poi. Lo.: no adj. Planned: reasons	Inv. 2024: Kreditzinsen 3 Prozentp. niedriger: keine Anpassung geplant: Gründe
han_inv24_l4_noplinv_rea	inv. 2024: lend. Rat. 4 perc. Poi. Lo.: no adj. Planned: reasons	Inv. 2024: Kreditzinsen 4 Prozentp. niedriger: keine Anpassung geplant: Gründe
han_inv25_l05_noplinv_rea	inv. 2025: lend. Rat. 0.5 perc. Poi. Lo.: no adj. Planned: reasons	Inv. 2025: Kreditzinsen 0,5 Prozentp. niedriger: keine Anpassung geplant: Gründe
han_inv25_l1_noplinv_rea	inv. 2025: lend. Rat. 1 perc. Poi. Lo.: no adj. Planned: reasons	Inv. 2025: Kreditzinsen 1 Prozentp. niedriger: keine Anpassung geplant: Gründe
han_inv25_I3_noplinv_rea	inv. 2025: lend. Rat. 3 perc. Poi. Lo.: no adj. Planned: reasons	Inv. 2025: Kreditzinsen 3 Prozentp. niedriger: keine Anpassung geplant: Gründe
han_inv25_l4_noplinv_rea	inv. 2025: lend. Rat. 4 perc. Poi. Lo.: no adj. Planned: reasons	Inv. 2025: Kreditzinsen 4 Prozentp. niedriger: keine Anpassung geplant: Gründe

4. Standard questions of the department stores in percentage

Name	Label	German description
han_questpercansw11	% to statebus good	Prozent der Warenhäuser, die die Geschäftslage mit "gut" beurteilen
han_questpercansw12	% to statebus satisfiable	Prozent der Warenhäuser, die die Geschäftslage mit "befriedigend" beurteilen
han_questpercansw13	% to statebus bad	Prozent der Warenhäuser, die die Geschäftslage mit "schlecht" beurteilen
han_questpercansw21	% to busvoly higher	Prozent der Warenhäuser, deren Umsatz "höher" als im Vorjahr ist
han_questpercansw22	% to busvoly as high as last year	Prozent der Warenhäuser, deren Umsatz "etwa gleich hoch" als im Vorjahr ist
han_questpercansw23	% to busvoly lower	Prozent der Warenhäuser, deren Umsatz "geringer" als im Vorjahr ist
han_questpercansw31	% to busvolm higher	Prozent der Warenhäuser, deren Umsatz "höher" als im Vormonat ist
han_questpercansw32	% to busvolm as high as last year	Prozent der Warenhäuser, deren Umsatz "etwa gleich hoch" als im Vormonat ist
han_questpercansw33	% to busvolm lower	Prozent der Warenhäuser, deren Umsatz "geringer" als im Vormonat ist
han_questpercansw41	% to feedst too little	Prozent der Warenhäuser, die ihren Lagerbestand als "zu klein" beurteilen
han_questpercansw42	% to feedst satisfiable	Prozent der Warenhäuser, die ihren Lagerbestand als "befriedigend" beurteilen
han_questpercansw43	% to feedst too much	Prozent der Warenhäuser, die ihren Lagerbestand als "zu groß" beurteilen
han_questpercansw51	% to prvpm increased	Prozent der Warenhäuser, die ihren Verkaufspreise gegenüber dem Vormonat "erhöht" haben
han_questpercansw52	% to prvpm not changed	Prozent der Warenhäuser, die ihren Verkaufspreise gegenüber dem Vormonat "nicht verändert" haben
han_questpercansw53	% to prvpm decreased	Prozent der Warenhäuser, die ihren Verkaufspreise gegenüber dem Vormonat "gesenkt" haben
han_questpercansw61	% to exppr increasing	Prozent der Warenhäuser, die "steigende" Verkaufspreise erwarten
han_questpercansw62	% to exppr not changing	Prozent der Warenhäuser, die "etwa gleichbleibende" Verkaufspreise erwarten
han_questpercansw63	% to exppr decreasing	Prozent der Warenhäuser, die "sinkende" Verkaufspreise erwarten
han_questpercansw71	% to ords raising	Prozent der Warenhäuser, die ihre Bestellungen im Vergleich zum Vorjahr "erhöht" haben
han_questpercansw72	% to ords not changing	Prozent der Warenhäuser, die ihre Bestellungen im Vergleich zum Vorjahr "nicht verändert" haben
han_questpercansw73	% to ords falling	Prozent der Warenhäuser, die ihre Bestellungen im Vergleich zum Vorjahr "verringert" haben
han_questpercansw81	% to busdevv more favourable	Prozent der Warenhäuser, die ihre Geschäftsentwicklung als "günstiger" beurteilen
han_questpercansw82	% to busdevv not changing	Prozent der Warenhäuser, die ihre Geschäftsentwicklung als "etwa gleichbleibend" beurteilen
han_questpercansw83	% to busdevv more unfavourable	Prozent der Warenhäuser, die ihre Geschäftsentwicklung als "ungünstiger" beurteilen

	Name	Label	Survey period	Survey frequency
	survey	survey	West since 01/1990	monthly survey
Freshor info			East since 01/1991	monthly survey
Further info	rmation			
	Name	Label	Survey period	Survey frequency
	Nume	Lusei	Survey period	Survey requeries
	year	year	West since 01/1990	monthly survey
			East since 01/1991	monthly survey
Further info				
4 digits				
	Name	Label	Survey period	Survey frequency
	month	month	West since 01/1990	monthly survey
	monta	viitii	East since 01/1991	monthly survey
Further info				
Month of su	rvey			
2 digits				
	Name	Label	Survey period	Survey frequency
	han_typtra	type of trade	West 01/1990 to 01/2006 East 01/1991 to 01/2006	monthly survey monthly survey
			East 01/1991 to 01/2000	monthly survey
Further info Type of trad				
[1] = retail sa [2] = whole s				
[2] = WHOIE S	sale			
	Name	Lahel	Survey period	Survey frequency
	Name	Label	Survey period	Survey frequency
	Name han_idlar	Label special id for firms with detailed answers	Survey period West 01/1990 to 01/2006*	Survey frequency monthly survey
Further info	han_idlar			
Further info	han_idlar	special id for firms with detailed answers		
Special id fo	han_idlar	special id for firms with detailed answers		
Special id fo	han_idlar rmation r firms with detailed answers ard questions of department	special id for firms with detailed answers		
Special id fo	han_idlar rmation r firms with detailed answers ard questions of department	special id for firms with detailed answers		
Special id fo	han_idlar rmation r firms with detailed answers ard questions of department	special id for firms with detailed answers		
Special id fo	han_idlar rmation r firms with detailed answers ard questions of department o 01/2001 Name	special id for firms with detailed answers stores in percentage Label	West 01/1990 to 01/2006* Survey period	monthly survey Survey frequency
Special id fo	han_idlar rmation r firms with detailed answers ard questions of department 101/2001	special id for firms with detailed answers	West 01/1990 to 01/2006*	monthly survey
Special id for see 4. Stand *first data in	han_idlar rmation r firms with detailed answers ard questions of department 101/2001 Name han_weight	special id for firms with detailed answers stores in percentage Label	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Special id for see 4. Stand *first data in	rmation r firms with detailed answers ard questions of department o 01/2001 Name han_weight	special id for firms with detailed answers stores in percentage Label	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Special id for see 4. Stand *first data in Further inforweight 001/1990 to 0	han_idlar rmation r firms with detailed answers ard questions of department 101/2001 Name han_weight rmation 103/2018:	special id for firms with detailed answers stores in percentage Label weight	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Special id for see 4. Stand *first data in Further infor Weight 01/1990 to 0 West 01/198	mation r firms with detailed answers ard questions of department of 01/2001 Name han_weight rmation 03/2018: 90 to 01/2006: Weight from [special id for firms with detailed answers stores in percentage Label weight 1] to [99]	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Further info Weight 01/1990 to 0 West 01/199 East and We 04/2018:	mation r firms with detailed answers ard questions of department to 01/2001 Name han_weight rmation 23/2018: 20 to 01/2006: Weight from [set since 02/2006: Weight from [special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12]	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Further info Weight 01/1990 to 0 West 01/199 East and We 04/2018: The turnove	man_idlar rmation r firms with detailed answers ard questions of department in 01/2001 Name han_weight rmation 33/2018: 30 to 01/2006: Weight from [est since 02/2006: Weight from r	special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12] weights	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Further inforweight O1/1990 to 0 West 01/1990 to 0 West 01/195 East and We 04/2018: The 1/10 of 1/20 to 1/	man_idlar rmation r firms with detailed answers ard questions of department o 01/2001 Name han_weight rmation 03/2018: 00 to 01/2006: Weight from [est since 02/2006: Weight from r r size classes are also used as II. Euro - 0.5 mill. Euro	special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12] : weights [6] 5 mill 12.5 mill. Euro [7] 12.5 mill 25 mill. Euro	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Further info Weight 01/1990 to 0 West 01/199 to 0 West 01/199 to 0 [1] <0.25 mill [2] 0.25 mill . [4] 1 mill 9 [4] 1 mill 9	han_idlar rmation r firms with detailed answers ard questions of department a 01/2001 Name han_weight rmation 03/2018: 90 to 01/2006: Weight from [set since 02/2006: Weight from r size classes are also used as II. Euro - 0.5 mill. Euro - 1 mill. Euro - 5 mill. Euro	special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12] weights [6] 5 mill 12.5 mill. Euro [7] 12.5 mill 25 mill. Euro [8] 25 mill 50 mill. Euro [9] 50 mill 10 h. Euro	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Further info Weight 01/1990 to 0 West 01/199 to 0 West 01/199 to 0 [1] <0.25 mill [2] 0.25 mill . [4] 1 mill 9 [4] 1 mill 9	mation r firms with detailed answers ard questions of department of 01/2001 Name han_weight mation 03/2018: 90 to 01/2006: Weight from [est since 02/2006: Weight fror r size classes are also used as II. Euro - 0.5 mill. Euro	special id for firms with detailed answers stores in percentage Label weight to [99] m [1] to [12] weights [6] 5 mill 12.5 mill. Euro [7] 12.5 mill 25 mill. Euro [8] 25 mill 50 mill. Euro	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Further info Weight 01/1990 to 0 West 01/199 to 0 West 01/199 to 0 [1] <0.25 mill [2] 0.25 mill . [4] 1 mill 9 [4] 1 mill 9	han_idlar rmation r firms with detailed answers ard questions of department a 01/2001 Name han_weight rmation 03/2018: 90 to 01/2006: Weight from [set since 02/2006: Weight from r size classes are also used as II. Euro - 0.5 mill. Euro - 1 mill. Euro - 5 mill. Euro	special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12] weights [6] 5 mill 12.5 mill. Euro [7] 12.5 mill 25 mill. Euro [8] 25 mill 50 mill. Euro [9] 50 mill 10 h. Euro	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Further info Weight 01/1990 to 0 West 01/199 to 0 West 01/199 to 0 [1] <0.25 mill [2] 0.25 mill . [4] 1 mill 9 [4] 1 mill 9	han_idlar rmation r firms with detailed answers ard questions of department a 01/2001 Name han_weight rmation 03/2018: 90 to 01/2006: Weight from [set since 02/2006: Weight from r size classes are also used as II. Euro - 0.5 mill. Euro - 1 mill. Euro - 5 mill. Euro	special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12] weights [6] 5 mill 12.5 mill. Euro [7] 12.5 mill 25 mill. Euro [8] 25 mill 50 mill. Euro [9] 50 mill 10 h. Euro	West 01/1990 to 01/2006* Survey period West since 01/1990	monthly survey Survey frequency monthly survey
Further inforweight O1/1990 to 0 West 01/1990 to 0 West 01/1990 to 0 West 01/2018: The turnove [1] <0.25 mill [2] 0.25 mill [4] 1 mill	han_idlar rmation r firms with detailed answers ard questions of department to 01/2001 Name han_weight rmation 03/2018: 90 to 01/2006: Weight from [est since 02/2006: Weight from r size classes are also used as II. Euro - 0.5 mill. Euro - 5 mill. Euro - 5 mill. Euro - 5 mill. Euro	special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12] weights [6] 5 mill 12.5 mill. Euro [7] 12.5 mill 50 mill. Euro [8] 25 mill 50 mill. Euro [9] 50 mill 1 bn. Euro [10] > 1 bn. Euro	West 01/1990 to 01/2006* Survey period West since 01/1990 East since 02/2006	Survey frequency monthly survey monthly survey monthly survey
Further inforweight O1/1990 to 0 West 01/1990 to 0 West 01/1990 to 0 West 01/2018: The turnove [1] <0.25 mill [2] 0.25 mill [4] 1 mill	mation r firms with detailed answers ard questions of department to 01/2001 Name han_weight mation 03/2018: 90 to 01/2006: Weight from [est since 02/2006: Weight from r size classes are also used as II. Euro - 0.5 mill. Euro - 5 mill. Euro - 5 mill. Euro	special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12] weights [6] 5 mill 12.5 mill. Euro [7] 12.5 mill 25 mill. Euro [8] 25 mill 50 mill. Euro [9] 50 mill 10 h. Euro [10] > 1 bn. Euro	West 01/1990 to 01/2006* Survey period West since 01/1990 East since 02/2006	Survey frequency monthly survey monthly survey
Further inforweight O1/1990 to 0 West 01/1990 to 0 West 01/1990 to 0 West 01/2018: The turnove [1] <0.25 mill [2] 0.25 mill [4] 1 mill	mation r firms with detailed answers ard questions of department to 01/2001 Name han_weight mation 03/2018: 90 to 01/2006: Weight from [est since 02/2006: Weight from [1 mill. Euro Name han_westeast	special id for firms with detailed answers stores in percentage Label weight 1] to [99] m [1] to [12] weights [6] 5 mill 12.5 mill. Euro [7] 12.5 mill 50 mill. Euro [8] 25 mill 50 mill. Euro [9] 50 mill 1 bn. Euro [10] > 1 bn. Euro	West 01/1990 to 01/2006* Survey period West since 01/1990 East since 02/2006 Survey period West since 01/1990	Survey frequency monthly survey monthly survey Survey frequency

fedstaifo federal state (ifo-code) West 01/1990 to 01/2006 monthly survey East 01/1991 to 01/2006 monthly survey East and West since 02/2006 monthly survey Further information Federal state according to ifo-code 1 "[01] Berlin West" 10 "[10] Bavaria" 2 "[02] Schleswig-Holstein" 3 "[03] Hamburg" 11 "[11] Saarland" 12 "[12] Mecklenburg-Western-Pomerania"
13 "[13] Brandenburg
(incl. Berlin East)"
14 "[14] Saxony-Anhalt"
15 "[15] Saxony"
16 "[16] Thuringia" 4 "[04] Bremen" 5 "[05] Lower Saxony" 6 "[06] Nordrhine-Westphalia" 7 "[07] Rhineland-Palatinate" 8 "[08] Hesse" 9 "[09] Baden-Wuerttemberg" Name Label Survey period Survey frequency West 01/1990 to 01/2006 monthly survey sector id sector id East 01/1991 to 01/2006 monthly survey East and West since 02/2006 monthly survey Name Survey frequency Survey period han_id2 West 01/1990 to 01/2006 monthly survey identification number (part2) Further information identification number (part2) 2 digits Name Survey period Survey frequency han_id3 West 01/1990 to 01/2006 monthly survey identification number (part3) Further information identification number (part3) Survey frequency West 01/1990 to 01/2006 monthly survey runnum running number of plant East 01/1991 to 01/2006 monthly survey East and West since 02/2006 monthly survey Further information Running number of plant 4 digits Name Survey period Survey frequency West since 01/1990 idnum monthly survey firm X adress file id monthly survey East since 01/1992 Further information Firm adress file id 7 digits Survey frequency West 01/1990 to 01/2006 monthly survey han_plantnumkt KT information id East 07/1998 to 01/2006 monthly survey Further information on id, composed of KT number, 12 digits digit 1-5: 1.5) sec2 digit 6-7: 1.15) fedstaifo federal state according to ifo-code digit 8-12: 1.11) runnum running number of plant Survey period Survey frequency han_plantnumeast information id for east germany East 01/1991 to 06/1998 monthly survey

information id, 11 digits, formed with sector number for East Germany

01/1991 to 02/1992:

digit 1-4: 1.22) sec1 digit 5-6: 1.15) fedstaifo digit 7-11: 1.11) runnum

03/1992 to 06/1998:

digit 1-3: 1.22) sec1 digit 4-5: 1.15) fedstaifo digit 6-10: 1.11) runnum

Name Label Survey frequency Survey period

han_plantnumwz03 wz03 information id East and West since 02/2006 monthly survey

Further information

Identification id, composed of WZ03 number, 13 digits

digit 7-8: 1.15) fedstaifo Bundesland entsprechend ifo Codierung

sector number WZ03

digit 9-13: 1.11) runnum Laufende Firmennummer

Name Label Survey period Survey frequency East and West since 02/2006 sector_wz03 monthly survey

Further information ifo-internal classification, which is based on the WZ2003. Further information in 5.

5 digits

Name Label Survey period Survey frequency

sector_ifo West 01/1990 to 01/2006 monthly survey KT sector number East 07/1998 to 01/2006 monthly survey

Further information KT sector number

5 digits KT number

Name Survey frequency Survey period sector_east East 01/1991 to 06/1998 monthly survey ifo sector number for east germany

Further information if o sector number for East Germany (This is a completely independent number, meaning it is not related to the KT number or any other number)

01/1991 to 12/1991: 4 digits 01/1992 to 06/1998: 3 digits

since 01/1992 the following code applies:

202 - Raw materials, unfinished goods, investment goods; 100 = food & semiluxury food; 290 = clothes, shoeS; 690 = household goods & office supplies; 790 = electronical & optical products, watches, clocks; 890 = vehicles, machines, office equipment; 990 = other sectors (in retail) or other consumption goods (in wholesale). ->applies for retail as well as for wholesale, except for 990.

Name Survey period Survey frequency sector_total East since 01/1991 monthly survey sector name trade West since 01/1990 monthly survey Further information

Name Label Survey period Survey frequency

East 07/1998 to 01/2006

monthly survey

Further information Type of questionnaire

han_typequ

Differenciates which branches are shown on the questionnaire

wholesale [1] e.g.: "wood" etc.
[2] e.g.: "household goods" etc.
[3] e.g.: "bicycles" etc. [1] e.g.: "toys" etc. [2] e.g.: "photography productsl" etc. [3] e.g.: "Books" etc.

type of questionnaire

Name Label Survey period Survey frequency han_latecomer N=latecome West 01/1990 to 03/2004 monthly survey

Further information atecomer [N] Questionnaires that arrived at the ifo-institute after the target date for the evaluation

Name Label Survey frequency Survey period han_size_turnover turnover size classes West and east since 04/2018 monthly Further information The turnover size classes are also used as weights [6] 5 mill. - 12.5 mill. Euro [1] <0.25 mill. Euro [2] 0.25 mill - 0.5 mill. Euro [3] 0.5 mill. - 1 mill. Euro [4] 1 mill. - 2.5 mill. Euro [5] 2.5 mill. - 5 mill. Euro [7] 12.5 mill. - 25 mill. Euro [8] 25 mill. - 50 mill. Euro [9] 50 mill. - 1 bn. Euro [10] > 1 bn. Euro

Name Survey period Survey frequency han_size size range 1-6, K or S as of 2018-04 West and east since 04/2018 monthly

Size class based on annual sales "han_size" exists in data/panel retroactively since 10/2023.

"han_size_turnover" exists in data/panel retroactively since 10/2023.

<0.25 mill. Euro [1] 0.25 mill - 0.5 mill. Euro [2] 5 mill. - 12.5 mill. Euro [6] 12.5 mill. - 25 mill. Euro [7] 25 mill. - 50 mill. Euro [8] 50 mill. - 1 bn. Euro [9] Small business [K] 0.5 mill. - 1 mill. Euro [3] 1 mill. - 2.5 mill. Euro [4] 2.5 mill. - 5 mill. Euro [5] > 1 bn. Euro [10] employed [S]

Survey frequency West and east since 04/2018 han_share_turnover monthly share of total turnover

Further information "han_share_turnover" exists in data/panel retroactively since 10/2023.

Variable is empty

II. Variables regarding the survey process

Name Survey period Survey frequency online online West 01/1990 to 12/2003 monthly survey East 01/1991 to 12/2003 monthly survey West and East since 05/2007 monthly survey*

Further information Questionnaire was answered online

[0] paper [1] fax [2] online

[5] manually collected

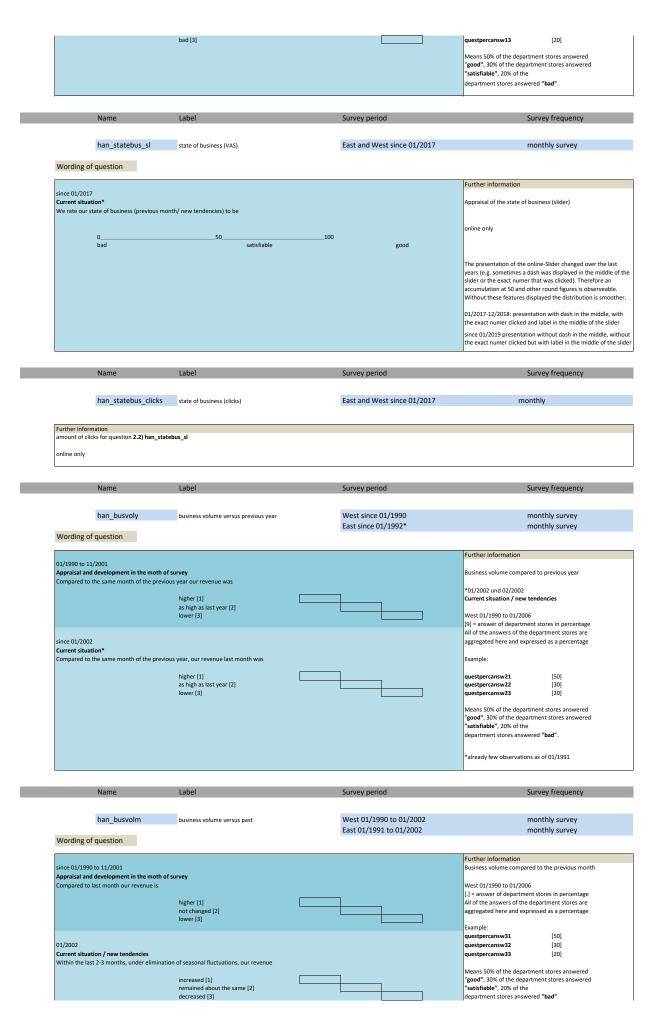
*no data for 06/2007

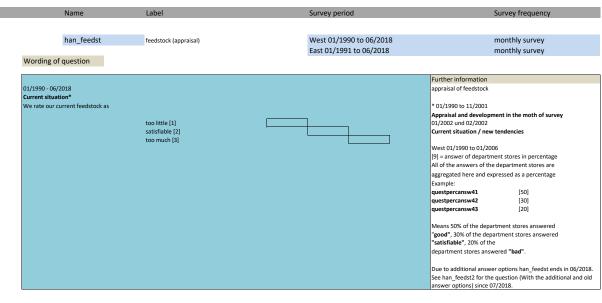
Name Survey frequency Label Survey period monthly survey West 07/2007 to 05/2014 survey_start East 07/2007 to 05/2014 monthly survey

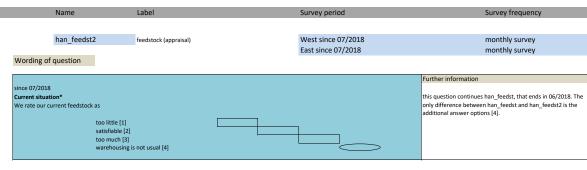
Further information

only refers to the participants who answered the questionnaire online.

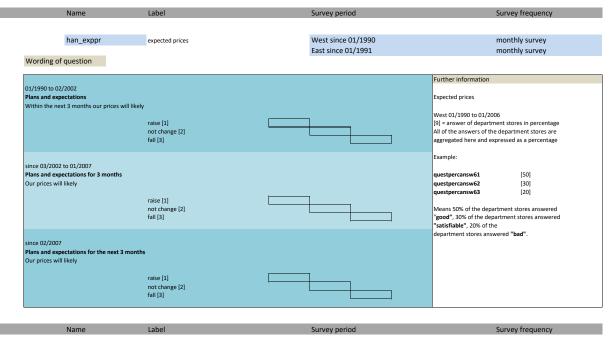
Survey period Survey frequency West 07/2007 to 05/2014 survey_end survey_end monthly survey East 07/2007 to 05/2014 monthly survey Further information End of the survey only refers to the participants who answered the questionnaire online Name Label Survey period Survey frequency participation_date participation date West and East since 07/2007 monthly survey* Further information only refers to the participants who answered the questionnaire online No data for 06/2015, 11/2015, 01/2016, 01/2017 Name Survey frequency Survey period participation_hour participation hour West and East since 07/2007 monthly survey* Further information Participation hour only refers to the participants who answered the questionnaire online. No data for 06/2015, 11/2015, 01/2016, 01/2017 Name Survey frequency participation status East and West 07/2007 to 05/2014 monthly survey participation status Further information only refers to the participants who answered the questionnaire online. [1] complete [2] reworked
[3] incomplete
[4] not answered
[5] ausgefuellt Survey frequency Survey period han_participant West since 01/1990 monthly participation in this survey East since 01/1991 monthly Further information introduced in 04/2018 Participation in this survey: [0] No Calculation of varaible: 1, if data of online and statebus or comexp exists, 0 otherwise 1991-03/2018 variable=1, since 04/2018 variable can be 0 or 1 (due to a change in delievered data) 07 & 08/2018 only data of participants was delievered 2. Standard questions Name Label Survey period Survey frequency West since 01/1990 monthly survey han_statebus state of business (appraisal) East since 01/1991 monthly survey Wording of question 01/1990 to 11/2001 Appraisal and development in the moth of survey
We rate our current state of business to be appraisal of the state of business *01/2002 and 02/2002 good [1] satisfiable) [2] bad [3] Current situation / newest tendencies [9] = answer of department stores in percentage All of the answers of the department stores are aggregated here and expressed as a percentage Current situation* We rate our state of business (previous month/ new tendencies) to be Example: good [1] satisfiable [2] questpercansw11 questpercansw12 [30]







Name	Label	Survey period	Survey frequency
han prvpm	prices versus past	West since 01/199	monthly survey
		East since 01/1991	monthly survey
Wording of question		,	, , , , , ,
<u> </u>			
01/1990 to 11/2001			Further information
Appraisal and development in the moth of s	urvev		Prices compared to previous month
Compared to pevious month our prices were			
			West 01/1990 to 01/2006
	increased [1]		[9] = answer of department stores in percentage
	not changed [2] decreased [3]		All of the answers of the department stores are aggregated here and expressed as a percentage
	occieased [5]		aggi egated fiere and expressed as a percentage
			Example:
01/2002 to 02/2002			
Current situation / new tendencies			questpercansw51 [50]
Within the last 2-3 months our prices were			questpercansw52 [30] questpercansw53 [20]
	increased [1]		questpercansw33 [20]
	not changed [2]		Means 50% of the department stores answered
	decreased [3]		"good", 30% of the department stores answered
			"satisfiable", 20% of the
03/2002 to 06/2018			department stores answered "bad".
Current situation			
Last month our prices were			
	increased [1]		
	not changed [2] decreased [3]		
	uecreaseu [5]		
07/2018 to 10/2018			XX corresponds to the previous month
Review - Trends in XX Our prices were			e.g. in July: XX=June
our prices were			
	increased [1]		
	not changed [2]		
	decreased [3]		
since 11/2018			XX corresponds to the previous month
Our prices were adjusted in comparison to X	x		e.g. in July: XX=June
	increased [1]		
	not changed [2]		
	decreased [3]		



West since 01/1990 East since 01/1992* monthly survey han_ords orders versus previous year monthly survey Wording of question Further information 01/1990 to 02/2002 Plans and expectations
Within the next 3 months our orders will, compared to the same period of time of previous year, likely be rders compared to previous year West 01/1990 to 01/2006 raising [1] not changing [2] falling [3] West 01/1990 to 01/2006 [9] = answer of department stores in percentage All of the answers of the department stores are aggregated here and expressed as a percentage since 03/2002 to 01/2007 Plans and expectations for 3 months
Compared to the same period of time of previous year, our orders will likey be questpercansw71 [50] questpercansw72 [30] uestpercansw73 [20] raising [1] not changing [2] falling [3] Means 50% of the department stores answered "good", 30% of the department stores answered "satisfiable", 20% of the department stores answered "bad". since 02/2007 to 10/2018

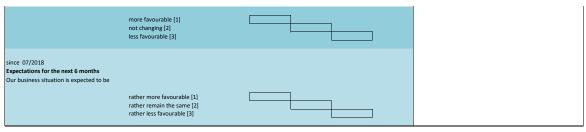
Plans and expectations for the next 3 months

Compared to the same period of time of previous year, our orders will likey be *already few observations as of 01/1991 raising [1] not changing [2] falling [3] Plans and expectations for the next 3 months Our orders will likely be raising [1] not changing [2] falling [3]

han_comexp	business development	West since 01/1990	monthly survey
		East since 01/1991	monthly survey
ording of question			
			Further information
1/1990 to 02/2002			
lans and expectations			Business development
/ithin the next 6 months, under elimina	ntion of seasonal fluctuations, our business developm more favourable [1] not changing [2] less favourable [3]	ent will be	West 01/1990 to 01/2006 [9] = answer of department stores in percentage All of the answers of the department stores are aggregated here and expressed as a percentage
nce 03/2002 to 01/2007			Example:
xpectations for 6 months	and the state of t		questpercansw81 [50]
nder elimination of seasonal fluctuatio	ns, our business development will be more favourable [1]		questpercansw82 [30] questpercansw83 [20]
	not changing [2] less favourable [3]		Means 50% of the department stores answered "good", 30% of the department stores answered "satisfiable", 20% of the
12/2007 to 06/2018			department stores answered "bad".
expectations for the next 6 months			
nder elimination of seasonal fluctuatio	ns our husiness development will be		

Survey frequency

Name

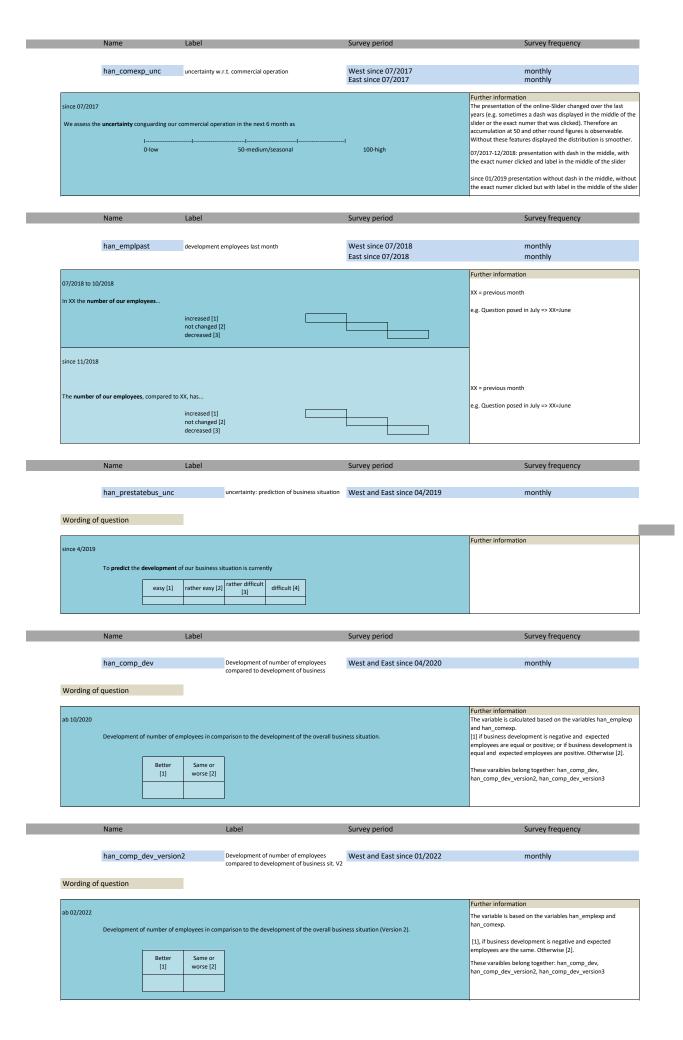


	rather less favourable [3]		
Name	Label	Survey period	Survey frequency
			· · ·
han_comexp_sl	business development (VAS)	East and West since 01/2017	monthly survey
Vording of question			
nce 01/2017			Further information business development (slider)
pectations for the next 6 months der elimination of seasonal fluctuations, or	ur husiness development will be		online only
aci cililliation of seasonal nuctuations, of	an Dustriess development will be		
0less favourable	50100 not changing	more favourable	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash was displayed in the middle of slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observeable.
			Without these features displayed the distribution is smoothe
			01/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider
			since 01/2019 presentation without dash in the middle, without the exact numer clicked but with label in the middle of the sli
Name	Label	Survey period	Survey frequency
,		ourre, period	carrey, requerer,
han_comexp_clicks	business development (clicks)	East and West since 01/2017	monthly
rther information			
mount of clicks for question 2.11) han_come	exp_sl		
nline only			
Name	Label	Survey period	Survey frequency
han_emplexp	expected employees	West 01/1990 to 12/1996 West since 03/1997	Mrch, Jun, Sep, Dec* monthly survey
ording of question		East since 01/1991	monthly survey
			Further information
1/1990 to 02/2002 lans and expectations			Expected number of employees
	oloyees will, under elimination of seasonal fluctuations,		* 1991: Apr, Jun, Sep, Dec
	raise [1]		1993: Mrch, Jun, Sep
	not change [2] fall [3]		1994: Jan, Mrch, Jun, Sep, Dec
nce 03/2002 to 01/2007 ans and expectations for 3 months			was a special question until 12/1996
Inder elimination of seasonal fluctuations ou	ır number of employees will	<u>_</u>	
	raise [1] not change [2] fall [3]		
2/2007 to 06/2018			
lans and expectations for the next 3 month Inder elimination of seasonal fluctuations ou			
	raise [1]		
	not change [2] fall [3]		
07/2018 to 10/2018 lans and expectations for the next 3 month the number of our employees is expected to			
,,			
	raise [1]		

since 11/2018

The number of our employees is expected to

raise [1] not change [2] fall [3]



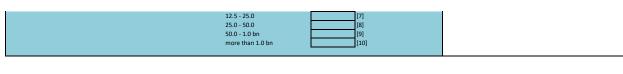
Development of number of employees in comparison to the development of the overall business situation (Version 3). han_comexp. [1], if business development is negative and expected employees are equal or positive. Otherwise [2]. These variables belong together: han_comp_dev_version2, han_comp_dev_version3 Name		Name	Label	Survey period	Survey frequency
ab 02/2022 Development of number of employees in comparison to the development of the overall business situation (Version 3). Better Same or [1] if business development is negative and expected employees are equal or positive. Otherwise [2]. These variables belong together: han_comp_dev_version2, han_comp_dev_version2, han_comp_dev_version3. Name Label Survey period Survey frequency han_emppro2 employees per product West and east since 04/2018 Variable is empty Wording of question Apr 18 Variable is empty. Further information Product employees "han_emppro2" exists retroactively in the data since 10 first data in 04/2018		han_comp_dev_version		West and East since 01/2022	monthly
Development of number of employees in comparison to the development of the overall business situation (Version 3). The variable is based on the variables han_emplexp and han_comexp.	Wording of	f question	l .		
han_emppro2 employees per product West and east since 04/2018 Variable is empty Wording of question Further information Product employees "han_emppro2" exists retroactively in the data since 10 First data in 04/2018	ab 02/2022	Better	Same or	ousiness situation (Version 3).	The variable is based on the variables han_emplexp and han_comexp. [1], if business development is negative and expected employees are equal or positive. Otherwise [2]. These variables belong together: han_comp_dev,
Wording of question Apr 18 Further information Product employees "han_emppro2" exists retroactively in the data since 10 First data in 04/2018					
Apr 18 Product employees "han_emppro2" exists retroactively in the data since 10 First data in 04/2018		Name	Label	Survey period	Survey frequency
Apr 18 Product employees Variable is empty. "han_emppro2" exists retroactively in the data since 10 First data in 04/2018					
First data in 04/2018	Wording of	han_emppro2			, , ,
		han_emppro2 f question			Variable is empty Further information
		han_emppro2 f question			Variable is empty Further information Product employees "han_emppro2" exists retroactively in the data since 10.

3. Sonderfragen Survey frequency Name annual survey, Oct han_empl West von 10/2001 to 10/2005 employees East von 10/2000 to 10/2005 annual survey, Oct* Wording of question annual survey, Nov** East and West since 02/2006 Further information 10/2000 to 02/2018 employees Number of employed persons (incl. helping family members, apprentices, temporary employees)***: *East 2001: monthly survey We occupy about persons in our company. **since 02/2006 Since U2/2000 Even though the data is only inquired annually, they appear in the dataset monthly. The reason forr this is that the annual data is transmitted to every month manually The data of the current survey are generally Number of persons employed We employ in our company (incl. assisting family members, trainees, temporary workers) transmitted two to three months after the inquiry Persons. Example: for November and December 2007 the variable empl contains the value of the inquiry from November 2006. Since January 2008 the variable empl contains the value of the survey from November 2007. ***East 07/1998 to 01/2006 State: end of the month of the survey

Name	Label	Survey period	Survey frequency
han_totu	total turnover	West von 10/2000 to 10/2005	annual survey, Oct
		East von 10/1998 to 10/2005	annual survey, Oct

Wording of question

			Further information
West 10/2000			
Last year our total turnover was	less than 1/2 MM DM 1/2-1 " " 1-2 " " 2-5 " " 5-10 " " 10-50 " " 50-100 " " more than 100 " "	[1] [2] [2] [3] [4] [4] [5] [6] [6] [7] [8]	Total turnover Since October 2001: uniform size class for Eastern and Western Germany This data, which is inquired once a year, is needed for weighting purposes
East 10/1998 to 10/2000			
Last year the size range of our revenue (without sales tax) was			
	< 500 000 DM DM 500 000 to 1 million 1 to < 2 M DM 2 to < 5 M DM 5 to < 10 M DM 10 to < 25 M DM 25 M DM and more	[1] [2] [3] [4] [5] [6] [6] [7]	
10/2001			
Last business year our total turnover was (in DM):	less than 0,5 M 0.5 - 1.0 " 1.0 - 2.0 " 2.0 - 5.0 " 5.0 - 10.0 M 10.0 - 25.0 " 25.0 - 50.0 " 50.0 - 100.0 " more than 100 M	[1] [2] [3] [4] [5] [6] [7] [8]	
since 10/2002 to 10/2005, since 11/2006 to 11/2008			
Last business year our total turnover was (in Euro):	less than 0,25 M 0,25 - 0,5 " 0,5 - 1,0 " 1,0 - 2,5 " 2,5 - 5,0 M 5,0 - 12,5 " 12,5 - 25,0 " 25,0 - 50,0 " more than 50 M	[1] [2] [3] [4] [5] [6] [7] [8]	
since 11/2009			
Last business year our total turnover was (in Euro):	less than 0,25 M 0.25 - 0.5 0.5 - 1.0 1.0 - 2.5 2.5 - 5.0 5.0 - 12.5 M	[1] [2] [3] [4] [5] [6]	



	Name	Label	Survey period	Survey frequency
	han_constrain	constraints to production	East 01/1991 to 01/2006	monthly survey
			East and West since 04/2006	Jan, Apr, Jul, Oct
Wording of	f question			
				Further information
since 01/1991				sonstraints to production
Our sales activ	vity is currently constrained			constraints to production
				No inquiry in May 1992
	yes [1]	no [2]		
				[3]: Conflict - here, "no" was chosen, but for any constraining factor han_diffsup to han_othrea), "yes" was crossed.
				raccor nan_unsup to nan_othrea,, yes was crossed.
	Name	Label	Survey period	Survey frequency
	han_diffsup	difficulties of supply	East 01/1991 to 01/2006	monthly survey
Wording of	f auestion			
	- 4			
since 01/1991				Further information
				difficulties of supply
Our sales activ	vity is currently constrained. If yes, by			No inquiry in May 1992
		1100 111 11 111	7	
		difficulties of supply [1] namely	_	
	Name	Label	Survey period	Survey frequency
	hara constitutions		51	landari bil Ort
	han_weakdem	weak demand	East and West since 04/2006	Jan, Apr, Jul, Oct
Wording of	f question			
				Further information
since 01/1991				ruitiei illioillatioii
Our calos activ	uity is currently constrained			weak demand
Our sales activ	vity is currently constrained. If yes, by			weak demand
Our sales activ		weak demand [1]	7	weak demand
Our sales activ		weak demand [1]	3	weak demand
Our sales activ		weak demand [1]	3	weak demand
Our sales activ		weak demand [1]]	weak demand
Our sales acti		weak demand [1]	Survey period	weak demand Survey frequency
Our sales activ	If yes, by		Survey period	
Our sales activ	If yes, by	Label		Survey frequency
Our sales activ	If yes, by		Survey period East 01/1991 to 01/2006 East and West since 04/2006	
Our sales active	Name han_difffin	Label	East 01/1991 to 01/2006	Survey frequency monthly survey
	Name han_difffin	Label	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct
	Name han_difffin f question	Label	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information
Wording of 01/1991 to 06	Name han_difffin f question	Label	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct
Wording of 01/1991 to 06	Name han_difffin f question	Label	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information
Wording of 01/1991 to 06	Name han_difffin f question 6/2018 wity is currently constrained.	Label	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 06	Name han_difffin f question 6/2018 wity is currently constrained.	Label difficulties in financing	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 00 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by	Label difficulties in financing	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 06	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by	Label difficulties in financing	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by	Label difficulties in financing	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 wity is currently constrained. If yes, by	Label difficulties in financing	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by	Label difficulties in financing	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by	Label difficulties in financing difficulties in financing [1]	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by wity is currently constrained. If yes, by	Label difficulties in financing difficulties in financing [1]	East 01/1991 to 01/2006 East and West since 04/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing No inquiry in May 1992
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by	Label difficulties in financing difficulties in financing [1]	East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by Name	Label difficulties in financing difficulties in financing [1] Funding shortfalls [1]	East 01/1991 to 01/2006 East and West since 04/2006 Survey period	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing No inquiry in May 1992 Survey frequency
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by wity is currently constrained. If yes, by	Label difficulties in financing difficulties in financing [1]	East 01/1991 to 01/2006 East and West since 04/2006 Survey period East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing No inquiry in May 1992 Survey frequency monthly survey
Wording of 01/1991 to 06 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by Name han_skilllack	Label difficulties in financing difficulties in financing [1] Funding shortfalls [1]	East 01/1991 to 01/2006 East and West since 04/2006 Survey period	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing No inquiry in May 1992 Survey frequency
Wording of 01/1991 to 00 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by Name han_skilllack	Label difficulties in financing difficulties in financing [1] Funding shortfalls [1]	East 01/1991 to 01/2006 East and West since 04/2006 Survey period East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing No inquiry in May 1992 Survey frequency monthly survey Jan, Apr, Jul, Oct
Wording of 01/1991 to 00 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by Name han_skilllack f question	Label difficulties in financing difficulties in financing [1] Funding shortfalls [1]	East 01/1991 to 01/2006 East and West since 04/2006 Survey period East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing No inquiry in May 1992 Survey frequency monthly survey
Wording of 01/1991 to 00 Our sales activ Since 07/2018 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by Name han_skilllack f question	Label difficulties in financing difficulties in financing [1] Funding shortfalls [1]	East 01/1991 to 01/2006 East and West since 04/2006 Survey period East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing No inquiry in May 1992 Survey frequency monthly survey Jan, Apr, Jul, Oct
Wording of 01/1991 to 00 Our sales activ Since 07/2018 Our sales activ	Name han_difffin f question 6/2018 vity is currently constrained. If yes, by Name han_skilllack f question	Label difficulties in financing difficulties in financing [1] Funding shortfalls [1]	East 01/1991 to 01/2006 East and West since 04/2006 Survey period East 01/1991 to 01/2006	Survey frequency monthly survey Jan, Apr, Jul, Oct Further information difficulties in financing No inquiry in May 1992 Survey frequency monthly survey Jan, Apr, Jul, Oct Further information

	lack of qualified manpower [1]		
04/2006 to 10/2021			
Our sales activity is currently of If yes, by	onstrained.		
	lack of skilled labor [1]		
Since 01/2022			
Our sales activity is currently co	onstrained.		
If yes, by			
	lack of qualified manpower [1]		
Name	Label	Survey period	Survey frequency
han_sclack	lack of spacial capacity	East 01/1991 to 01/20	06 monthly survey
Wording of question	lack of Spacial capacity	East and West since 04	
wording or question			Further information
since 01/1991			Lack of suitable premises
Our sales activity is currently coursels activity is currently course.	onstrained.		Lack Of suitable prefitises
,cs, s,	lack of suitable premises [1]		No inquiry in May 1992
		<u> </u>	
Name	Label	Survey period	Survey frequency
han_equip	equipment	East 01/1991 to 01/20 East and West since 04	
Wording of question	1		,, , , , , , , , , , , , , , , , ,
since 01/1991			Further information
Our sales activity is currently of	onstrained.		Insufficient equipment
If yes, by			No inquiry in May 1992
	insufficient eqipment, vehicles, etc. [1]		
Name	Labol	Curvey period	Curron fraguage
Name	Label	Survey period	Survey frequency
han_weath	er unfavourable weather	East 02/1994 to 01/20	
Wording of question		East and West since 04	1/2006 Jan, Apr, Jul, Oct
			Further information
since 02/1994			Unfavourable weather
Our sales activity is currently of If yes, by	onstrained.		No inquiry in May 1992
	unfavourable weather [1]		
Name	Label	Survey period	Survey frequency
han_mplack	constraints: lack of manpower	East and West 07/2018	8 to 10/2020 Jan, Apr, Jul, Oct
Wording of question	1		
since 07/2019			Further information
since 07/2018 The construction activity/ exec	ution of orders is currently/ was constrained.*		Lack of manpower
If yes, due to:	adon of orders is currently, was collistiallied.		
	lack of manpower [1]		
Name	Label		Survey frequency
han_othrea	other reasons	East 01/1991 to 01/20	06 monthly survey
		East and West since 04	
Wording of question			

	0.1.00. 0.100.0			Further information
	01/1991 - 06/2018			Other reasons
	Our sales activity is currently constrained. If yes, by			No inquiry in May 1992
				10 mquity many 2332
	other reasor	ns, namely [1]		
	since 07/2018			1
	Our sales activity is currently constrained.			
	If yes, by			
	other reason	ns [1]		
_	N	I -b -l	Commence	
	Name	Label	Survey period	Survey frequency
	han_credit	credit allocation	West 06/2003 to 08/2008	Mrch, Aug*
	nun_creut	create anocation	East and West from 11/2008 to 12/2	
	I: 6			·
	Wording of question			
	since 06/2003			Further information
				Credit allocation
	How do youevaluate the willingness of bank	s to grant loans to businesses?		*in 2003: June, August
	accommoda			in 2003. Julie, August
	normal/usua reserved/ re			
	reserved, re	Saledive [5]		
	•			
	Name	Label	Survey period	Survey frequency
	han_fairxh	exhibitor at an international specialized fair	East and West 06/2012	once
			East and West 06/2014 to 06/2015 East and West 08/2018 to 08/2019	Jun Aug
	Wording of question			
				Further information
	06/2012			
	06/2012			Fuhibitar at an international specialized fair
	Is your company represented as an exhibitor	r at an international specialized fair?		Exhibitor at an international specialized fair
		r at an international specialized fair?		Exhibitor at an international specialized fair
		r at an international specialized fair?		Exhibitor at an international specialized fair
	Is your company represented as an exhibitor			Exhibitor at an international specialized fair
	Is your company represented as an exhibitor			Exhibitor at an international specialized fair
	Is your company represented as an exhibitor yes [1]	no [2]	Survey period	
	Is your company represented as an exhibitor		Survey period	Exhibitor at an international specialized fair Survey frequency
_	Is your company represented as an exhibitor yes [1] Name	no [2]		Survey frequency
_	Is your company represented as an exhibitor yes [1]	no [2]	y East and West 06/2012	
_	Is your company represented as an exhibitor yes [1] Name han_fairxh_g	no [2]		Survey frequency once
_	Is your company represented as an exhibitor yes [1] Name	no [2]	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun
_	Is your company represented as an exhibitor yes [1] Name han_fairxh_g Wording of question	no [2]	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun
	Is your company represented as an exhibitor yes [1] Name han_fairxh_g	no [2]	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug
_	Is your company represented as an exhibitor yes [1] Name han_fairxh_g Wording of question	no [2] Label exhibitor at an international specialized fair in German	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug
	Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor	no [2] Label exhibitor at an international specialized fair in German	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug
	Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor []	no [2] Label exhibitor at an international specialized fair in German	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug
	Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor	no [2] Label exhibitor at an international specialized fair in German	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug
	Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor []	no [2] Label exhibitor at an international specialized fair in German	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug
	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs	no [2] Label exhibitor at an international specialized fair in German	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug
	Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs - in Germany [1]	no [2] Label exhibitor at an international specialized fair in German r at an international specialized fair?	y East and West 06/2012 East and West 06/2014 to 06/2015 East and West 08/2018 to 08/2019	Survey frequency once Jun Aug Further information Exhibitor at an international specialized fair in Germany
	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs	no [2] Label exhibitor at an international specialized fair in German	Y East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug
	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs - in Germany [1]	no [2] Label exhibitor at an international specialized fair in German r at an international specialized fair? Label	y East and West 06/2012 East and West 06/2014 to 06/2015 East and West 08/2018 to 08/2019 Survey period	Survey frequency once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency
_	Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs - in Germany [1]	no [2] Label exhibitor at an international specialized fair in German r at an international specialized fair?	East and West 06/2012 East and West 06/2014 to 06/2015 East and West 08/2018 to 08/2019 Survey period East and West 06/2012	Survey frequency once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency once
_	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs - in Germany [1]	no [2] Label exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreign	y East and West 06/2012 East and West 06/2014 to 06/2015 East and West 08/2018 to 08/2019 Survey period	Survey frequency once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency
_	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs - in Germany [1]	no [2] Label exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreign	Survey period East and West 06/2012 East and West 08/2018 to 08/2019 Survey period East and West 06/2012 East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug Eurther information Exhibitor at an international specialized fair in Germany Survey frequency once Jun
_	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs - in Germany [1] Name han_fairxh_e	no [2] Label exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreign	Survey period East and West 06/2012 East and West 08/2018 to 08/2019 Survey period East and West 06/2012 East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency once Jun Aug
_	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor [] If yes, at international specialized fairs - in Germany [1] Name han_fairxh_e	no [2] Label exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreign	Survey period East and West 06/2012 East and West 08/2018 to 08/2019 Survey period East and West 06/2012 East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency once Jun Aug Further information
_	Name han_fairxh_g Wording of question 06/2012 Is your company represented as an exhibitor [] If yes, at international specialized fairs - in Germany [1] Name han_fairxh_e Wording of question	Label exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreign European country	Survey period East and West 06/2012 East and West 08/2018 to 08/2019 Survey period East and West 06/2012 East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency Once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency Once Jun Aug Further information Exhibitor at an international specialized fair in a foreign
_	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor	Label exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreign European country	Survey period East and West 06/2012 East and West 08/2018 to 08/2019 Survey period East and West 06/2012 East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency once Jun Aug Further information
	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor] If yes, at international specialized fairs - in Germany [1] Name han_fairxh_e Wording of question 06/2012 Is your comapny represented as an exhibitor in Germany [1]	Label exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreign European country	Survey period East and West 06/2012 East and West 08/2018 to 08/2019 Survey period East and West 06/2012 East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency Once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency Once Jun Aug Further information Exhibitor at an international specialized fair in a foreign
	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor	Label exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreign European country	Survey period East and West 06/2012 East and West 08/2018 to 08/2019 Survey period East and West 06/2012 East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency Once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency Once Jun Aug Further information Exhibitor at an international specialized fair in a foreign
	Name Name han_fairxh_g Wording of question 06/2012 Is your comapny represented as an exhibitor] If yes, at international specialized fairs - in Germany [1] Name han_fairxh_e Wording of question 06/2012 Is your comapny represented as an exhibitor in Germany [1]	exhibitor at an international specialized fair in German r at an international specialized fair? Label exhibitor at an international specialized fair in a foreig European country	Survey period East and West 06/2012 East and West 08/2018 to 08/2019 Survey period East and West 06/2012 East and West 06/2012 East and West 06/2014 to 06/2015	Survey frequency Once Jun Aug Further information Exhibitor at an international specialized fair in Germany Survey frequency Once Jun Aug Further information Exhibitor at an international specialized fair in a foreign

Name	Label	Survey period	Survey frequency
han fairxh ne	exhibitor at an international specialized fair in a country	East and West 06/2012	once
nun_tunxii_ne	outside Europe	East and West 06/2014 to 06/2015	Jun
Wording of question		East and West 08/2018 to 08/2019	Aug
06/2012			Further information
Is your comapny represented as an exhibitor a	at an international specialzed fair?		Exhibitor at an international specialized fair in a country outside of Europe
[]	at an international specialized fail.		o. zarope
If yes, at international specialized fairs			
- in a country outside of Euro	pe [1]		
Name	Label	Survey period	Survey frequency
han_fairxhexp	exhibitor at an international specialized fair during next 2-3	East and West 06/2012	once
	years		
Wording of question			
06/2012			Further information
Is your company going to be represented as a	n Exhibitor at an international specialized fair during the next 2-	3 years?	Exhibitor at an international specialized fair during the next 2-3 years
	<u></u>		
yes [1]	no [2]		
Name	Label	Survey period	Survey frequency
han_fairxhexp_g	exhibitor at an international specialized fair in Germany	East and West 06/2012	once
	during next 2-3 years		
Wording of question			
06/2012			Further information
Is your company going to be represented as a	in Exhibitor at an international specialized fair during the next 2-	3 years?	Exhibitor at an international specialized fair in Germany during the next 2-3 years
[]			
If yes, at international specialized fairs			
- in Germany [1]			
Name	Label	Survey period	Survey frequency
han_fairxhexp_e	exhibitor at an international specialized fair in a foreign	East and West 06/2012	once
	European country during next 2-3 years		
Wording of question			
06/2012			Further information
Is your company going to be represented as a	n Exhibitor at an international specialized fair during the next 2-	3 years?	Exhibitor at an international specialized fair in a foreign European country during the next 2-3 years
[]			
If yes, at international specialized fairs			
- in a foreign European count	try [1]		
Name	Label	Survey period	Survey frequency
han_fairxhexp_ne	exhibitor at an international specialized fair in a country	East and West 06/2012	once
	outside Europe during next 2-3 years		
Wording of question			
06/2012			Further information
Is your company going to be represented as a	n Exhibitor at an international specialized fair during the next 2-	3 years?	Exhibitor at an international specialized fair in a country outside of Europe during the next 2-3 years
[]			
If yes, at international specialized fairs			

Name				
		Label	Survey period	Survey frequency
han_f	ight_ger	Importance of flight connections in Germany	East and West 03/2013	once
Wording of question	n			
03/2013 How important for you	company is a flight co	onnection in		Further information Importance of flight connections in Germany
Germany	very importar important [2]			
	less importan unimportant			
Name		Label	Survey period	Survey frequency
han_f	ight_eur	Importance of flight connections in Europe	East and West 03/2013	once
Wording of question	n			
03/2013				Further information
How important for you	company is a flight co	onnection in		Importance of flight connections in Europe
Europe	very importar	s+[1]		
	important [2] less importan			
	unimportant	[4]		
Name	_	Label	Survey period	Survey frequency
to a second	*-li-k	Importance of flight connections worldwide	Fact and March 02 (2042)	
Wording of question	ight_world	importance of inglit connections from the	East and West 03/2013	once
	**			
				Further information
03/2013	company is a flight co	opperation in		Further information Importance of flight connections worldwide
How important for you	company is a flight co	onnection in		
	very importar	nt [1]		
How important for you		t [3]		
How important for you	very importar important [2] less importan	t [3]		
How important for you	very importar important [2] less importan	t [3]	Survey period	
How important for you worldwide	very importar important [2] less importan	t [3]	East and West 02/2014	Importance of flight connections worldwide Survey frequency once
How important for you worldwide	very importar important [2] less importan unimportant	t [1] t [3] Label		Importance of flight connections worldwide Survey frequency
How important for you worldwide Name	very importar important [2] less importan unimportant	t [1] t [3] Label	East and West 02/2014	Importance of flight connections worldwide Survey frequency once
How important for you worldwide Name han_f Wording of question	very important [2] less importan unimportant unimportant	t [1] t [3] Label	East and West 02/2014	Importance of flight connections worldwide Survey frequency once once
Name han_f Wording of question 02/2014 D) For research purposs	very important [2] less important unimportant unimportant	t [1] t [3] [4] Label family business	East and West 02/2014 East and West 02/2023	Importance of flight connections worldwide Survey frequency once once
Name han_f Wording of question 02/2014 D) For research purposs	very important [2] less important unimportant unimportant	t [1] t [3] Label family business	East and West 02/2014 East and West 02/2023	Importance of flight connections worldwide Survey frequency once once
Name han_f Wording of question 02/2014 D) For research purposs	very important important [2] less important unimportant unimportant unimportant unimportant unimportant important im	t [1] t [3] [4] Label family business	East and West 02/2014 East and West 02/2023	Importance of flight connections worldwide Survey frequency once once
Name han_f Wording of question 02/2014 D) For research purpose This means a company	very important important [2] less important unimportant unimportant unimportant unimportant embus	t [1] t [3] [4] Label family business s is held predominately by one or more families that are co	East and West 02/2014 East and West 02/2023 nnected) Survey period	Survey frequency once once Further Information
Name Name Nording of question 102/2014 D) For research purpose 103 you envision yourse (This means a company) Name	very important important [2] less important unimportant unimportan	t [1] t [3] [4] Label family business sis held predominately by one or more families that are co	East and West 02/2014 East and West 02/2023	Survey frequency Once once Further Information Survey frequency
Name Name Nording of question 02/2014 D) For research purpose Do you envision yourse (This means a company Name han_r Wording of question	very important important [2] less important unimportant unimportan	t [1] t [3] [4] Label family business sis held predominately by one or more families that are co	East and West 02/2014 East and West 02/2023 nnected) Survey period	Survey frequency Once once Further Information Survey frequency
Name han_f Wording of question 02/2014 D) For research purpose (This means a company Name han_r Wording of question 11/2014	very important important [2] less important unimportant unimportant unimportant sambus ambus f as a family business: whose voting capital yes[1] yes[1] aninim1	t [1] t [3] [4] Label family business sis held predominately by one or more families that are co	East and West 02/2014 East and West 02/2023 nnected) Survey period	Survey frequency once once Further Information Survey frequency once

Name	Label	Survey period	Survey frequency
han minim2	minimum wage q2	Fact and West 11/2014	onco
	minimum wage qz	East and West 11/2014	once
Wording of question			
11/2014		· ·	Further information
01/01/2015 the general minimum w Is your company affected by this?	rage policy will be implemented.		
is your company affected by this:			
yes	no		
2. If yes: With which measures will y	ou likely react to the minimum wage?		
[1]	No measures neccessary or scheduled		
Name	Label	Survey period	Survey frequency
han_minim3	minimum wage q3	East and West 11/2014	once
Wording of question		, ,	
wording or question		le	Further information
11/2014			
01/01/2015 the general minimum was your company affected by this?	age policy will be implemented.		
yes	no		
2. If yes: With which measures will y	ou likely react to the minimum wage?		
[1]	personnel cuts		
Name	Label	Survey period	Survey frequency
han_minim4	minimum wage q4	East and West 11/2014	once
Wording of question			
<u> </u>		F	Further information
11/2014			
01/01/2015 the general minimum w Is your company affected by this?	age policy will be implemented.		
yes 2. If yes: With which measures will y	no likely react to the minimum wage?		
,			
[1]	eduction of working hours		
Name	Label	Survey period	Survey frequency
han_minim5	minimum wage q5	East and West 11/2014	once
Wording of question			
44/2044		F	Further information
11/2014 01/01/2015 the general minimum w	age policy will be implemented		
Is your company affected by this?	,,		
yes	no		
	ou likely react to the minimum wage?		
[1]	ncrease in prices		
Name	Label	Survey period	Survey frequency
		20.76, penda	Survey requeries
han_minim6	minimum wage q6	East and West 11/2014	once
Wording of question			
11/2014		F	urther information

	ne general minimum wage poli any affected by this?			l
	yes	no		
2. If yes: With	which measures will you likely	react to the minimum wage?		
	[1] reduction	n of investment		
	Name	Label	Survey period	Survey frequency
	han_minim7	minimum wage q7	East and West 11/2014	once
Wording of	f question			
11/2014				Further information
	ne general minimum wage poli any affected by this?	cy will be implemented.		
2. If yes: With	yes which measures will you likely	no react to the minimum wage?		
	[1] reduction	n of special payments		
	Name	Label	Survey period	Survey frequency
	han_minim8	minimum wage q8	East and West 11/2014	once
Wording of	fquestion			
11/2014				Further information
01/01/2015 th	ne general minimum wage poli	cy will be implemented.		
	any affected by this?			· ·
		no		
Is your compa	uny affected by this? yes which measures will you likely	no react to the minimum wage?		
Is your compa	yes			
Is your compa	yes which measures will you likely [1] other	react to the minimum wage?		
Is your compa	yes which measures will you likely		Survey period	Survey frequency
Is your compa	yes which measures will you likely [1] other	react to the minimum wage?	Survey period East and West 05/2015 to 05/2019	Survey frequency May
Is your compa	yes which measures will you likely [1] other Name han_turnexp	react to the minimum wage?		May
Is your compa 2. If yes: With Wording of 05/2015	yes which measures will you likely [1] other Name han_turnexp f question	react to the minimum wage?		
Is your compa 2. If yes: With Wording of 05/2015 Investments a	yes which measures will you likely [1] other Name han_turnexp f question	react to the minimum wage? Label expected turnover this year		May
Is your compa 2. If yes: With Wording of 05/2015 Investments a	yes which measures will you likely [1] other Name han_turnexp f question and revenue	react to the minimum wage? Label expected turnover this year		May
Is your compa 2. If yes: With Wording of 05/2015 Investments a	yes which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the	react to the minimum wage? Label expected turnover this year		May
Is your compa 2. If yes: With Wording of 05/2015 Investments a	yes which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the increase [1]	react to the minimum wage? Label expected turnover this year		May
Is your compa 2. If yes: With Wording of 05/2015 Investments a	yes which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the increase [1] not change [2]	react to the minimum wage? Label expected turnover this year		May
Is your compa 2. If yes: With Wording of 05/2015 Investments a	yes which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the increase [1] not change [2] decrease [3]	Label expected turnover this year his year will likely	East and West 05/2015 to 05/2019 Survey period	May Further information Survey frequency
Is your compa 2. If yes: With Wording of 05/2015 Investments a	yes which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the increase [1] not change [2] decrease [3]	Label expected turnover this year	East and West 05/2015 to 05/2019	May Further information
Is your compa 2. If yes: With Wording of 05/2015 Investments a	yes which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the increase [1] not change [2] decrease [3] Name han_invest_li	Label expected turnover this year his year will likely	Survey period East and West 05/2015 to 05/2019	May Further information Survey frequency May March
Is your compa 2. If yes: With Wording of 05/2015 Investments a 3) compared t	which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the last year our total decrease [3] Name han_invest_lj f question	Label expected turnover this year his year will likely	Survey period East and West 05/2015 to 05/2019	May Further information Survey frequency May
Wording of 05/2015 to 05, Investments a 3) compared t	which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue th increase [1] not change [2] decrease [3] Name han_invest_lj f question	Label expected turnover this year his year will likely Label total investment last year	Survey period East and West 05/2015 to 05/2019	Further information Survey frequency May March
Wording of 05/2015 to 05, Investments a 3) compared t	which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the last year our total revenue to last year our total revenue the last y	Label expected turnover this year his year will likely Label total investment last year	Survey period East and West 05/2015 to 05/2019	May Survey frequency May March Further information *20YY means last year e.g.: If the question was posed in 2015:
Wording of 05/2015 to 05, Investments a 3) compared t	which measures will you likely [1] other Name han_turnexp f question and revenue to last year our total revenue the last year our total revenue to last year our total revenue the last y	Label expected turnover this year his year will likely Label total investment last year	Survey period East and West 05/2015 to 05/2019	May Survey frequency May March Further information

Since 03/2022			
	Special question investment		
		Total investments	
		+ [1]	
	Last year our investments were (20YY** compared to 20WW**)	= [2]	
		- [3]	

Label Survey frequency Survey period East and West 05/2015 to 05/2021 East and West since 03/2022 han_invcon_lj May March investment in construction last year Wording of question Further information 05/2015 1) Last year (20YY* compared to 20WW**) our investments were Total investments, thereof in: construction e.g.: If the question was posed in 2015: 20YY=2014 increased [1] *20WW means two years ago not changed [2] e.g.: If the question was posed in 2015: 20WW=2013 decreased [3] Since 03/2022 Label in data set: + = increased [1] Special question investment total investments = = not changed [2] - = decreased [3] + [1] Last year our investments were (20YY** compared to = [2] 20WW**) - [3]

Name Label Survey period Survey frequency

han_inveq_lj investment in equipment last year East and West 05/2015 to 05/2021 May East and West since 03/2022 March

Wording of question

Further information 05/2015 Investments and revenue
1) Last year (20YY* compared to 20WW**) our investments were *20YY means last year e.g.: If the question was posed in 2015: thereof in: equipment 20YY=2014 increased [1] *20WW means two years ago e.g.: If the question was posed in 2015: 20WW=2013 not changed [2] Since 03/2022 Special question investment Label in data set: + = increased [1] = = not changed [2] - = decreased [3] total investments equipment + [1] Last year our investments were (20YY** compared to 20WW**) = [2] - [3]

Name	Label	Survey period	Survey frequency
han_invest_dj	total investment this year	East and West 05/2015 to 11/2021	May, Nov
		Fast and West since 03/2022	March Nov

Wording of question

			Further information	
05/2015				
Investments at 1) In the currer	nd revenue nt year (20XX* compared to 20YY**) our investments will likely		*20XX means current year	
	Total investments		e.g.: If the question was posed in 2015:	
		20XX=2015		
	increase [1]			
	not change [2]	**20YY means last year		
		e.g.: If the question was posed in 2015:		
	decrease [3]		20YY=2014	
since 11/2018				
	Special question investments			20XX = last year
	(only in May and November)	20WW = this year		
		Total investments + [1]		Label in data set:
	In the_current year our investments (20WW** compared to			+ = increased [1]
	20XX**)	= [2]		= = not changed [2]
		- [3]		- = decreased [3]
since 03/2022				
SINCE 05/2022	Special question investments			
		Total investments		
		+ [1]		
	In the_current year our investments (20WW** compared to 20XX**)	= [2]		
		- [3]		

Name	Label	Survey period	Survey frequency
han_invcon_dj	investment in construction this year	East and West 05/2015 to 11/2021	May, Nov
		East and West since 03/2022	March, Nov

Wording of question

				Further information
05/2015				
Investments a				
1) In the currer	nt year (20XX* compared to 20YY**) our investments will likely			
	-		*20XX means current year	
	Total investments, thereof in: construction			e.g.: If the question was posed in 2015: 20XX=2015
	thereof in: construction	20XX=2015		
	increase [1]			
	micrease [1]			**20YY means last year
	not change [2]			e.g.: If the question was posed in 2015:
				20YY=2014
	decrease [3]			
since 11/2018				
	Special question investments			20XX = last year
	(only in May and November)	Total investments		20WW = this year
		Label in data set:		
		- Construction		+ = increased [1]
	+ [1]			= = not changed [2]
			- = decreased [3]	
	In the_current year our investments (20WW** compared to			
	20XX**)	= [2]		
		- [3]		
since 03/2022				
	Special question investments			
		Total investments		
		+ [1]		
		. ,		
	In the current year our investments (20WW** compared to	= [2]		
	20XX**)	- [2]		
		- [3]		

Name Label Survey period Survey frequency

Special question investments
(only in May and November)

Total investments

- Equipment

+ [1]

In the_current year our investments (20WW** compared to 20XX**)

= [2]

- [3]

20XX = last year 20WW = this year Label in data set: + = increased [1]

= = not changed [2]

= decreased [3]

since 03/2022

since 11/2018

Special question investments

decrease [3]

	Total investments
	- Equipment
	+ [1]
in the_current year our investments (20WW** compared to 20XX**)	= [2]
	- [3]

Name Label Survey period Survey frequency

han_invest_nj total investment next year East and West since 11/2015 Nov

Wording of question

				Further information
11/2015				
Investments ar				
1) In the next y	ear (20ZZ* compared to 20XX**) our investments will likely	*20ZZ means next year		
	Total investments			e.g.: If the question was posed in 2015: 20ZZ=2016
	Total investments			2022-2010
	increase [1]			
				**20XX means current year
	not change [2]			e.g.: If the question was posed in 2015:
	decrease [3]			20XX=2015
	decrease [3]			
since 11/2018				
	Special question investments			
	(only in May and November)			
		Total investments		
		+ [1]		
		. (-1		Label in data set:
	Next year our investments will likely be (20NN** compared	= [2]		+ = increased [1]
	to 20WW**)	- [2]		= = not changed [2]
		[2]		- = decreased [3]
		- [3]		

Name Label Survey period Survey frequency

han_invcon_nj investment in construction next year East and West since 11/2015 Nov

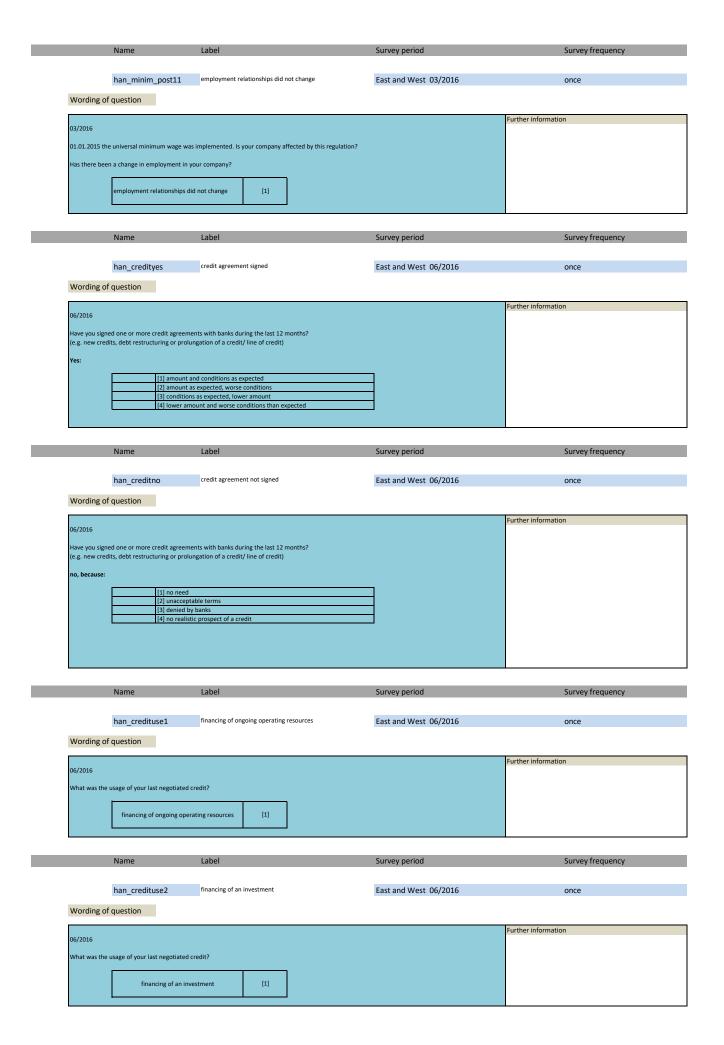
Wording of question

	since 11/2018	th increase [1] not change [2] decrease [3] Special question investments (only in May and November) Next year our investments or	Total investments, ereof in: construction	Total investmentsConstruction + [1] = [2] - [3]		e.g.: If the question was posed in 2015: 2022=2016 **20XX means current year e.g.: If the question was posed in 2015: 20XX=2015 Label in data set: + = increased [1] = = not changed [2] - = decreased [3]
		Name	Label		Survey period	Survey frequency
		han_inveq_nj	investment in equipment next	year	East and West since 11/2015	Nov
	Wording of	question				
	05/2015					Further information
	Investments an 1) In the next yo	ear (20ZZ* compared to 20XX*	*) our investments will likely Total investments, nereof in: equipment			*20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016
		increase [1] not change [2] decrease [3]				**20XX means current year e.g.: If the question was posed in 2015: 20XX=2015
		Special question investments (only in May and November)		Total investments - Equipment		Label in data set: + = increased [1] = = not changed [2] - = decreased [3]
			will likely be (20NN** compared	+ [1] = [2] - [3]		
	-	Name	Label		Survey period	Survey frequency
			_			ourse, requere,
	Wording of	han_ref1	refugees question 1		East and West 10/2015	once
						Further Information
	10/2015 1. How large do	you assess the potential of as	ylum seekers to be employed in t	he following positions?		
			[1] small	[2] large		
		trainees				
		Mana	Labal		C	C
		Name	Label		Survey period	Survey frequency
		han_ref2	refugees question 2		East and West 10/2015	once
	Wording of	question				Further Information
	10/2015					Further Information
	1. How large do	you assess the potential of as	ylum seekers to be employed in t [1] small	he following positions? [2] large		
		unskilled aid workers	[1] Siliali	[2] tai gC		
						l
-						

	han_ref3	refugees question 3		East and West 10/2015	once
Wording of	question				
10/2015					Further Information
	o you assess the potential of as	sylum seekers to be employed i	n the following positions?		
		[1] small	[2] large		
	skilled workers				
	Name	Label		Survey period	Survey frequency
	han_ref4	refugees question 4		East and West 10/2015	once
Wording of	question				
10/2015					Further Information
1. How large de	o you assess the potential of as	sylum seekers to be employed i	n the following positions?		
		[1] small	[2] large		
	leading positions				
	Name	Label		Survey period	Survey frequency
	han_ref5	refugees question 5		East and West 10/2015	once
Wording of	question				
10/2015					Further Information
10/2015	o you assess the potential of as	sylum seekers to be employed i	n the following positions?		
1. How large u	o you assess the potential of as	[1] small	[2] large		
	other positions	[1] Siliali	[2] longe		
	other positions	<u> </u>			
	Name	Label		Survey period	Survey frequency
	h60	refugees question 6		Fact and Wast 40/2045	
14. E. C	han_ref6	refugees question 6		East and West 10/2015	once
Wording of	question				Further Information
10/2015					Turtier information
2. how much o	f an obstacle to employing asyl		e following factors to be in your	branch:	
		[1] little	[2] much		
	labor law-related provisions				
_	Name	Label		Survey period	Survey frequency
				.,	, , ,
	han_ref7	refugees question 7		East and West 10/2015	once
Wording of	question				
10/2015					Further Information
2. how much o	f an obstacle to employing asyl	lum seekers do you consider th	e following factors to be in your	branch:	
		[1] little	[2] much		
	unfit level of qualification				
	Name	Label		Survey period	Survey frequency
	han naf0	refugees question 8		East and West 10/2015	once
	han_ref8	and decorate			
Wording of		1			
					Further Information
10/2015	question		o following factors to be in	hranch:	Further Information
10/2015	question		e following factors to be in your	branch:	Further Information

	minimum wage						
	Name	Label				Survey period	Survey frequency
	han ref9	refugees quest	rion 9			East and West 10/2015	once
Wording of		Terugees quest	.1011 5			2031 0110 17 251 25/25/25	Chiec
wording of	question						Te about to only
10/2015							Further Information
2. how much o	of an obstacle to employing asy	lum seekers do yo	ou consider the	following facto	rs to be i	in your branch:	
		[1] little		[2] much			
	lack of language skills]				
	Name	Label				Survey period	Survey frequency
	han artista and	offeeted by mi				5	
	han_minim_post1	affected by mi	nimum wage			East and West 03/2016	once
Wording of	f question						
03/2016							Further information
	e universal minimum wage was	implemented. Is	your company	affected by this	regulati	on?	
		[1] yes		[2] no			
			1		1		
	Name	Label				Survey period	Survey frequency
							, .,,
	han_minim_post2	no minimum w	vage measures			East and West 03/2016	once
Wording of	fquestion						
							Further information
03/2016							
01.01.2015 the If yes,	e universal minimum wage was	implemented. Is	your company	affected by this	regulati	on?	
	es did you utilize?						
		none		[1]			
	Name	Label				Survey period	Survey frequency
	han_minim_post3	measures: emp	oloyee reductio	on		East and West 03/2016	once
Wording of	f question						
wording or	question						
03/2016							Further information
	e universal minimum wage was	implemented. Is	your company	affected by this	regulati	on?	
If yes, What measure	es did you utilize?						
	employee rec	luction		[1]			
	Name	Label				Survey period	Survey frequency
	han_minim_post4	measures: wor	king hour redu	iction		East and West 03/2016	once
Wording of	fquestion						
02/2016							Further information
03/2016							
If yes,	e universal minimum wage was	implemented. Is	your company	affected by this	regulati	on?	
What measure	es did you utilize?			_			
	working hour	reduction		[1]			
	Name	Label				Survey period	Survey frequency
	Ivanic	Lasti				Survey period	Survey frequency
	han_minim_post5	measures: incr	eased prices			East and West 03/2016	once
Wording of	f question						
							Further information

01.01.2015 the universal m If yes, What measures did you uti		Is your company affected by this regulation?		
	increased prices	[1]		
Name	Label		Survey period	Survey frequency
han_min	m nost6 measures: de	ecreased investment	East and West 03/2016	once
Wording of question	peste		East and West 65/2010	S.I.GC
The same of the same of				Further information
03/2016				
If yes, What measures did you uti		Is your company affected by this regulation?		
,	decreased investment	[1]		
Name	Label		Survey period	Survey frequency
han_min	m nost7 measures: de	ecreased special payments	East and West 03/2016	once
Wording of question	т_розся		Edit and West 05/2010	Office
Wording or question				Further information
03/2016				
01.01.2015 the universal m If yes, What measures did you uti		Is your company affected by this regulation?		
	ecial payments	[1]		
			Commenced and	Survey frequency
Name	Label		Survey period	Survey requestoy
		s		
han_min		s	East and West 03/2016	once
han_min Wording of question		s		
han_min Wording of question 03/2016	m_post8 less minijobs		East and West 03/2016	once
han_min Wording of question 03/2016 01.01.2015 the universal m	m_post8 less minijobs	Is your company affected by this regulation?	East and West 03/2016	once
han_min Wording of question 03/2016 01.01.2015 the universal m	m_post8 less minijobs nimum wage was implemented. employment in your company?		East and West 03/2016	once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in	m_post8 less minijobs nimum wage was implemented. employment in your company?	Is your company affected by this regulation?	East and West 03/2016	once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in	m_post8 less minijobs nimum wage was implemented. employment in your company?	Is your company affected by this regulation?	East and West 03/2016	once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot	m_post8 less minijobs nimum wage was implemented. employment in your company? s	Is your company affected by this regulation?	East and West 03/2016	once Further information
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot	m_post8 less minijobs nimum wage was implemented. employment in your company? s	Is your company affected by this regulation?	East and West 03/2016 Survey period	once Further information Survey frequency
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question	m_post8 less minijobs nimum wage was implemented. employment in your company? s	Is your company affected by this regulation?	East and West 03/2016 Survey period	once Further information Survey frequency
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran	Is your company affected by this regulation? [1] Instrumed into insurable employment	East and West 03/2016 Survey period East and West 03/2016	once Further information Survey frequency once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran	Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016	once Further information Survey frequency once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran	Is your company affected by this regulation? [1] Insformed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016	once Further information Survey frequency once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran	Is your company affected by this regulation? [1] Instrumed into insurable employment	East and West 03/2016 Survey period East and West 03/2016	once Further information Survey frequency once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in minijobs w	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran nimum wage was implemented. employment in your company? re transformed into insurable t	Is your company affected by this regulation? [1] Insformed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016	Survey frequency once Further information
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in minijobs w	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran	Is your company affected by this regulation? [1] Insformed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016	once Further information Survey frequency once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in minijobs w employmen	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran nimum wage was implemented. employment in your company? re transformed into insurable t	Is your company affected by this regulation? [1] Insformed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016	Survey frequency once Further information
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in minijobs w employmen	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran nimum wage was implemented. employment in your company? re transformed into insurable t	Is your company affected by this regulation? [1] Instrumed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016	Survey frequency Once Further information Survey frequency Survey frequency
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in minijobs w employmen Name han_min Wording of question	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran nimum wage was implemented. employment in your company? re transformed into insurable t	Is your company affected by this regulation? [1] Instrumed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016	Survey frequency Once Further information Survey frequency Survey frequency
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m minijobs w employmen Name han_min Wording of question 03/2016	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran nimum wage was implemented. employment in your company? re transformed into insurable t Label Label m_post10 new insurable	Is your company affected by this regulation? [1] Instrumed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016 Survey period East and West 03/2016	Survey frequency Once Further information Survey frequency Once Survey frequency once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijol Name han_min Wording of question 03/2016 01.01.2015 the universal m minijobs wemploymen Name han_min Wording of question 03/2016 01.01.2015 the universal m	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran nimum wage was implemented. employment in your company? re transformed into insurable t Label Label m_post10 new insurable	Is your company affected by this regulation? [1] Instrumed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016 Survey period East and West 03/2016	Survey frequency Once Further information Survey frequency Once Survey frequency once
han_min Wording of question 03/2016 01.01.2015 the universal m Has there been a change in less minijot Name han_min Wording of question 03/2016 01.01.2015 the universal m han_min Wording of question 03/2016 01.01.2015 the universal m han_min	m_post8 less minijobs nimum wage was implemented. employment in your company? s Label m_post9 minijobs tran nimum wage was implemented. employment in your company? re transformed into insurable t Label m_post10 new insurable nimum wage was implemented.	Is your company affected by this regulation? [1] Instrumed into insurable employment Is your company affected by this regulation?	East and West 03/2016 Survey period East and West 03/2016 Survey period East and West 03/2016	Survey frequency Once Further information Survey frequency Once Survey frequency once



Name	Label		
han_credituse3	other financing	East and West 06/2016	once
Wording of question			
			Further information
06/2016			
What was the usage of your last neg	otiated credit?		
	others [1]		
	others (x)		
Name	Label	Survey period	Survey frequency
		· ·	· · · ·
han_ontrad_yn	online trade: trading online	East and West 08/2016	once
Wording of question			
			Country of
08/2016			Further information
Special question regarding online to			
	ou also trade your goods via an own online sh	hop or other third party platforms?	
yes	[1]	no [2]	
yes		[2]	
Name	Label	Survey period	Survey frequency
		· ·	
han ontrad pla	online trade platform	East and West 08/2016	once
nan_ontrau_pia			
Wording of question			
			Further information
			Further information
Wording of question 08/2016 Special question regarding online tr			Further information
Wording of question 08/2016 Special question regarding online tr	rade Du also trade your goods via an own online sh	hop or other third party platforms?	Further information
Wording of question 08/2016 Special question regarding online tr		hop or other third party platforms?	Further information
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do yo		hop or other third party platforms?	Further information
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do yo	ou also trade your goods via an own online sh		Further information
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do yo	ou also trade your goods via an own online sh [1] own online shop		Further information
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do yo	ou also trade your goods via an own online sh [1] own online shop	ther online platforms	Further information
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do yo	ou also trade your goods via an own online sh [1] own online shop	ther online platforms	Further information
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do yo	ou also trade your goods via an own online sh [1] own online shop	ther online platforms	Further information Survey frequency
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do your stationary business do your stationary business do you success do you stationary business do you stationary business do you stationary business do you stationary business do you station	ou also trade your goods via an own online sh [1] own online shop [2] own online shop as well as ot	ther online platforms forms (no own online shop existing) Survey period	
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do your stationary business do your stationary business do you success do you stationary business do you stationary business do you stationary business do you stationary business do you station	11] own online shop [12] own online shop [23] exclusively other online platfo	ther online platforms forms (no own online shop existing) Survey period	
Wording of question 08/2016 Special question regarding online transition of the stationary business do your figure. Name	11] own online shop [12] own online shop [23] exclusively other online platfo	ther online platforms forms (no own online shop existing) Survey period	Survey frequency
Wording of question 08/2016 Special question regarding online transition of the stationary business do your lifyes: Name han_ontrad_shawording of question	11] own online shop [12] own online shop [23] exclusively other online platfo	ther online platforms forms (no own online shop existing) Survey period	Survey frequency
Wording of question 08/2016 Special question regarding online tr Aside from stationary business do your lifyes: Name han_ontrad_sha	11] own online shop [12] own online shop [23] exclusively other online platfo	ther online platforms forms (no own online shop existing) Survey period	Survey frequency once
Wording of question 08/2016 Special question regarding online transition of the stationary business do your stationary business do your stationary business do your stationary business do your stationary business do you stationary busin	11] own online shop [12] own online shop [23] own online shop as well as ot [34] exclusively other online platfor Label are online trade share online trade o	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary st	[1] own online shop [2] own online shop as well as ot [3] exclusively other online platfor Label online trade share online trade o	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	[1] own online shop [2] own online shop as well as ot [3] exclusively other online platfo Label online trade share online trade o	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	11] own online shop [12] own online shop [23] own online shop as well as ot [34] exclusively other online platfor Label are online trade share online trade o	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	[1] own online shop [2] own online shop as well as ot [3] exclusively other online platfo Label are online trade share online trade o	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	[1] own online shop [2] own online shop as well as ot [3] exclusively other online platfor Label are online trade share online trade of the power	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	[1] own online shop [2] own online shop as well as ot [3] exclusively other online platfo Label are online trade share online trade of the platfo of the p	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	pu also trade your goods via an own online sho [1] own online shop [2] own online shop as well as ot [3] exclusively other online platfor Label are online trade share online trade of our also trade your goods via an own online should be a share of your online that do you consider the share of your online to lead to you consider the share of your online to you consider the your online to you consider the share of your online to you you consider the your online the you	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	[1] own online shop [2] own online shop as well as ot [3] exclusively other online platfo Label are online trade share online trade of the platfo of the p	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	pu also trade your goods via an own online sho [1] own online shop [2] own online shop as well as ot [3] exclusively other online platfor Label are online trade share online trade of our also trade your goods via an own online should be a share of your online that do you consider the share of your online to lead to you consider the share of your online to you consider the your online to you consider the share of your online to you you consider the your online the you	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online translationary business do your stationary	and also trade your goods via an own online shall also trade your goods via an own online shall also trade online trade of the share online trade on trade your goods via an own online shall also trade your	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Name Name han_ontrad_sha Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Compared to your total revenue, where the stationary desired in the stationary business do your fyes:	and also trade your goods via an own online shall as of the property of the pr	ther online platforms forms (no own online shop existing) Survey period East and West 08/2016 hop or other third party platforms? trade to be?	Survey frequency once Further information
Wording of question 08/2016 Special question regarding online translationary business do your stationary	and also trade your goods via an own online shall also trade your goods via an own online shall also trade online trade of the share online trade on trade your goods via an own online shall also trade your	ther online platforms forms (no own online shop existing) Survey period of total revenue East and West 08/2016 hop or other third party platforms?	Survey frequency once
Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Name han_ontrad_sha Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Compared to your total revenue, when the stationary business do your fyes:	pu also trade your goods via an own online shall as ot also trade your goods via an own online shall as ot also trade your goods via an own online trade of the pu also trade your goods via an own online shall as ot also trade	ther online platforms forms (no own online shop existing) Survey period East and West 08/2016 hop or other third party platforms? trade to be? Survey period	Survey frequency once Further information Survey frequency
Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Name Name han_ontrad_sha Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Compared to your total revenue, where the stationary desired in the stationary business do your fyes:	pu also trade your goods via an own online shall as ot also trade your goods via an own online shall as ot also trade your goods via an own online trade of the pu also trade your goods via an own online shall as ot also trade	ther online platforms forms (no own online shop existing) Survey period East and West 08/2016 hop or other third party platforms? trade to be? Survey period	Survey frequency once Further information
Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Name han_ontrad_sha Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Compared to your total revenue, when the stationary business do your fyes:	pu also trade your goods via an own online shall as ot also trade your goods via an own online shall as ot also trade your goods via an own online trade of the pu also trade your goods via an own online shall as ot also trade	ther online platforms forms (no own online shop existing) Survey period East and West 08/2016 hop or other third party platforms? trade to be? Survey period	Survey frequency once Further information Survey frequency
Name Name han_ontrad_sha Special question regarding online transition of the stationary business do your fyes: Name Name han_ontrad_sha Wording of question 08/2016 Special question regarding online transition of the stationary business do your fyes: Compared to your total revenue, which is the stationary business do your fyes: Name Name	pu also trade your goods via an own online shall as ot also trade your goods via an own online shall as ot also trade your goods via an own online trade of the pu also trade your goods via an own online shall as ot also trade	ther online platforms forms (no own online shop existing) Survey period East and West 08/2016 hop or other third party platforms? trade to be? Survey period	Survey frequency once Further information Survey frequency

	n regarding online trade ionary business do you also tra	ade your goods via an own online shop or other third party pla	tforms?	
If no:				
Are you plannin	ng to introduce online trade w		_	
	yes [1]	no [2]		
	Name	Label	Survey period	Survey frequency
	han_midmanager	mid tier: more than 4 managers	East and West 09/2016	once
Wording of o	question			
09/2016				Further information
mid tier				
Does your comp	pany have more than 4 manag yes [1]	ers? no [2]	7	
	Àes [T]	110 [2]	_	
	Namo	Labol	Survey period	S.101012 Fr
	Name	Label	Survey period	Survey frequency
	han_midmanshare	mid tier: at least one manager has shares	East and West 09/2016	once
Wording of o	question			Eurther information
09/2016				Further information
mid tier	ne of your managers hold shar	or of your company		
Does at least on			7	
	yes [1]	no [2]		
	Name	Label	Survey period	Survey frequency
	han_midyes	mid tier: company rated as mid tier	East and West 09/2016	once
Wording of o	question			
Wording of o	question			Further information
09/2016 mid tier		enancial de la constant		Further information
09/2016 mid tier	question your company as a "mid tier" yes [1]	company?		Further information
09/2016 mid tier	· your company as a "mid tier"			Further information
09/2016 mid tier Would you rate	· your company as a "mid tier"		Survey period	Further information Survey frequency
09/2016 mid tier Would you rate	your company as a "mid tier" yes [1] Name	no [2]		Survey frequency
09/2016 mid tier Would you rate	your company as a "mid tier" yes [1] Name han_ontrad_inf	no [2]	Survey period East and West 10/2016	
09/2016 mid tier Would you rate	your company as a "mid tier" yes [1] Name han_ontrad_inf	no [2]		Survey frequency
09/2016 mid tier Would you rate Wording of c	your company as a "mid tier" yes [1] Name han_ontrad_inf	no [2]		Survey frequency once
09/2016 mid tier Would you rate Wording of c	your company as a "mid tier" yes [1] Name han_ontrad_inf	no [2] Label online trade: influence on business		Survey frequency once
09/2016 mid tier Would you rate Wording of c	your company as a "mid tier" yes [1] Name han_ontrad_inf question	no [2] Label online trade: influence on business		Survey frequency once
09/2016 mid tier Would you rate Wording of c	your company as a "mid tier" yes [1] Name han_ontrad_inf question	no [2] Label online trade: influence on business de on your business?		Survey frequency once
09/2016 mid tier Would you rate Wording of c	your company as a "mid tier" yes [1] Name han_ontrad_inf question	no [2] Label online trade: influence on business de on your business? [1] positive influence [2] no influence [3] business reducing		Survey frequency once
09/2016 mid tier Would you rate Wording of c	your company as a "mid tier" yes [1] Name han_ontrad_inf question	no [2] Label online trade: influence on business de on your business? [1] positive influence [2] no influence		Survey frequency once
09/2016 mid tier Would you rate Wording of c	your company as a "mid tier" yes [1] Name han_ontrad_inf question	no [2] Label online trade: influence on business de on your business? [1] positive influence [2] no influence [3] business reducing		Survey frequency once
wording of c	your company as a "mid tier" yes [1] Name han_ontrad_inf question	no [2] Label online trade: influence on business de on your business? [1] positive influence [2] no influence [3] business reducing		Survey frequency once
Wording of c 10/2016 Online trade How do you asse	vyour company as a "mid tier" yes [1] Name han_ontrad_inf question	no [2] Label online trade: influence on business de on your business? [1] positive influence [2] no influence [3] business reducing [4] business endangering	East and West 10/2016	Survey frequency once Further information

credit allocation				
We had credit talks with ban	ks during the last 3 months			
	[1] yes	[2] no		
Name	Label		Survey period	Survey frequency
Name	Label		Survey period	Survey rrequericy
han_credi	t2_2 credit allocation		East and West since 03/2017	March, Jun, Sep, Dec
Wording of question				
				Further information
03/2017 - 06/2018				Tartier information
credit allocation				
We had credit talks with ban	ks during the last 3 months			
	yes			
Banks behaved in these				
	[1] accomodating			
	[2] normal			
	[3] reserved			
09/2018 to 12/2021				
credit allocation				
We had credit talks with ban	ks during the last 3 months			
If yes, Banks behaved in t	hese			
	[1] accomodating			
	[2] normal			
	[2] normal			
since 03/2022				
since 03/2022 credit allocation We had credit talks with ban	[3] reserved			
credit allocation	[3] reserved			
credit allocation We had credit talks with ban	[3] reserved			
credit allocation We had credit talks with ban	[3] reserved ks during the last 3 months hese			
credit allocation We had credit talks with ban	[3] reserved ks during the last 3 months hese [1] accomodating			
credit allocation We had credit talks with ban	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal			
credit allocation We had credit talks with ban	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal		Survey period	Survey frequency
credit allocation We had credit talks with ban If yes, Banks behaved in t	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label		Survey period	Survey frequency
credit allocation We had credit talks with ban If yes, Banks behaved in t	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label	eeking	Survey period East and West since 03/2017	Survey frequency March, Jun, Sep, Dec
credit allocation We had credit talks with ban If yes, Banks behaved in t	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label	eeking		
credit allocation We had credit talks with ban If yes, Banks behaved in t Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label	eeking		
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label	eeking		March, Jun, Sep, Dec
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit se	eeking		March, Jun, Sep, Dec
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit se	eeking		March, Jun, Sep, Dec
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit se	eeking		March, Jun, Sep, Dec
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit sees the second se	eeking		March, Jun, Sep, Dec
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit se	Peking		March, Jun, Sep, Dec
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit sees the second se	eeking		March, Jun, Sep, Dec
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit sees to see the sees to see	eeking		March, Jun, Sep, Dec
Name han_credit Wording of question	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit sees to see the sees to see	eeking		March, Jun, Sep, Dec
Name Name han_credit Wording of question 03/2017 - 06/2018 credit allocation We had credit talks with ban	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit sees to see the sees to see	Peking		March, Jun, Sep, Dec
Name Name han_credit Wording of question 03/2017 - 06/2018 credit allocation We had credit talks with ban	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit set ks during the last 3 months [1] no need [2] other reasons	eeking		March, Jun, Sep, Dec
Name Name han_credit Wording of question 03/2017 - 06/2018 credit allocation We had credit talks with ban	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit set ks during the last 3 months [1] no need [2] other reasons	eeking		March, Jun, Sep, Dec
Name Name han_credit Wording of question 03/2017 - 06/2018 credit allocation We had credit talks with ban when the credit talks with ban since 09/2018 credit allocation We had credit talks with ban	[3] reserved ks during the last 3 months hese [1] accomodating [2] normal [3] restrictive Label t2_3 reasons for not credit set ks during the last 3 months [1] no need [2] other reasons	eeking		March, Jun, Sep, Dec

Wir haben in	den vergangenen 3 Monaten Kre	editverhandlunge	n mit Banken durchgeführt		
Wenn nein:					
			[1] kein Bedarf an einem Bankkredit		
			[2] andere Gründe		
	Name	Label		Survey period	Survey frequency
	han_negint		confronted with negative interest rates	East and West 06/2017	once
Wording o	f question				
Jun 1	17				Further information
	Have you faced negative inter	est rates on capit	al contribution by at least one of your banks?		online only
		Yes [1]	No [2]		
	Name	Label		Survey period	Survey frequency
	han_negint_noact		negative interest actions: none	East and West 06/2017	once
Wording o	of question				
Jun 1					Further information
	Have you faced negative inter-	est rates on capit	al contribution by at least one of your banks?		multiple nominations are possible
	If Yes				online only
	Which arrangements did you	choose, to avoid	payments of negative interest rates?		
	na arrangements - negative	Yes [1]			
	interest rate accepted				
		1			
	Name	Label		Survey period	Survey frequency
-		Label	nerative interest actions: bank arresments		
	Name han_negint_agree	Label	negative interest actions: bank agreements	Survey period East and West 06/2017	Survey frequency once
Wording o		Label	negative interest actions: bank agreements		
Wording o	han_negint_agree	Label	negative interest actions: bank agreements		
	han_negint_agree of question				once Further information
	han_negint_agree of question 17 Have you faced negative inter-		negative interest actions: bank agreements		Once Further information multiple nominations are possible
	han_negint_agree of question 17 Have you faced negative inten	est rates on capin	al contribution by at least one of your banks?		once Further information
	han_negint_agree of question 17 Have you faced negative inten	est rates on capin			Once Further information multiple nominations are possible
	han_negint_agree of question 17 Have you faced negative inten	est rates on capin	al contribution by at least one of your banks?		Once Further information multiple nominations are possible
	han_negint_agree of question The proof of	est rates on capin	al contribution by at least one of your banks?		once Further information multiple nominations are possible
	han_negint_agree of question 17 Have you faced negative inten	est rates on capit	al contribution by at least one of your banks?		Once Further information multiple nominations are possible
	han_negint_agree of question The proof of	est rates on capit	al contribution by at least one of your banks?		Once Further information multiple nominations are possible
	han_negint_agree of question 17 Have you faced negative intended the second of the	est rates on capin choose, to avoid Yes [1]	al contribution by at least one of your banks?	East and West 06/2017	Further information multiple nominations are possible online only
	han_negint_agree of question The proof of	est rates on capit	al contribution by at least one of your banks?		Once Further information multiple nominations are possible
	han_negint_agree of question 17 Have you faced negative intended the second of the	est rates on capin choose, to avoid Yes [1]	al contribution by at least one of your banks?	East and West 06/2017	Further information multiple nominations are possible online only
	han_negint_agree of question 17 Have you faced negative intended if Yes Which arrangements did you of the Negoation with bank Name	est rates on capin choose, to avoid Yes [1]	cal contribution by at least one of your banks? payments of negative interest rates?	East and West 06/2017 Survey period	Further information multiple nominations are possible online only Survey frequency
Jun 3	han_negint_agree of question 17 Have you faced negative intended if Yes Which arrangements did you of the Negoation with bank Name	est rates on capin choose, to avoid Yes [1]	cal contribution by at least one of your banks? payments of negative interest rates?	East and West 06/2017 Survey period	Further information multiple nominations are possible online only Survey frequency
Jun 3	han_negint_agree of question 17 Have you faced negative intended if Yes Which arrangements did you of the Negoation with bank Name han_negint_change of question	est rates on capin choose, to avoid Yes [1]	cal contribution by at least one of your banks? payments of negative interest rates?	East and West 06/2017 Survey period	Further information multiple nominations are possible online only Survey frequency
Jun 3	han_negint_agree of question 17 Have you faced negative intended if Yes Which arrangements did you of the Negoation with bank Name han_negint_change of question	est rates on capit choose, to avoid Yes [1]	cal contribution by at least one of your banks? payments of negative interest rates?	East and West 06/2017 Survey period	Further information multiple nominations are possible online only Survey frequency once
Jun 3	han_negint_agree of question 17 Have you faced negative inter- If Yes Which arrangements did you of the company of the com	est rates on capit choose, to avoid Yes [1]	payments of negative interest rates?	East and West 06/2017 Survey period	Further information multiple nominations are possible online only Survey frequency once Further information multiple nominations are possible
Jun 3	han_negint_agree of question 17 Have you faced negative intended if Yes Which arrangements did you of the arra	est rates on capit choose, to avoid Yes [1] Label	payments of negative interest rates? negative interest actions: change of bank all contribution by at least one of your banks?	East and West 06/2017 Survey period	Further information multiple nominations are possible online only Survey frequency once
Jun 3	han_negint_agree of question 17 Have you faced negative intended if Yes Which arrangements did you of the arra	est rates on capit choose, to avoid Yes [1] Label	payments of negative interest rates?	East and West 06/2017 Survey period	Further information multiple nominations are possible online only Survey frequency once Further information multiple nominations are possible
Jun 3	han_negint_agree of question 17 Have you faced negative intended if Yes Which arrangements did you of the arra	est rates on capit choose, to avoid Yes [1] Label	payments of negative interest rates? negative interest actions: change of bank all contribution by at least one of your banks?	East and West 06/2017 Survey period	Further information multiple nominations are possible online only Survey frequency once Further information multiple nominations are possible

negative interest rates (yet)

Survey frequency Survey period han_negint_inc negative interest actions: increase of cash East and West 06/2017 once Wording of question Jun 17 Further information Have you faced negative interest rates on capital contribution by at least one of your banks? multiple nominations are possible If Yes online only Which arrangements did you choose, to avoid payments of negative interest rates? Yes [1] Higher cash ratio Name Label Survey period Survey frequency han_negint_redas negative interest actions: redeployment in other financial assets and settlement of East and West 06/2017 once Wording of question Jun 17 Further information Have you faced negative interest rates on capital contribution by at least one of your banks? multiple nominations are possible Which arrangements did you choose, to avoid payments of negative interest rates? Shift to other financial assets Yes [1] and prepayment credit Survey period Name Survey frequency negative interest actions: redeployment of East and West 06/2017 han_negint_redasint once assets within company Wording of question Further information Have you faced negative interest rates on capital contribution by at least one of your banks? multiple nominations are possible If Yes online only Which arrangements did you choose, to avoid payments of negative interest rates? Rearrangements of funds to Yes [1] company

Wording of question

Jun 17

Have you faced negative interest rates on capital contribution by at least one of your banks?

If Yes

Which arrangements did you choose, to avoid payments of negative interest rates?

(Early) conducting (additional)

Investments

Yes [1]

Name Label Survey period Survey frequency East and West 06/2017 han_negint_oth negative interest actions: other once Wording of question Jun 17 Further information Have you faced negative interest rates on capital contribution by at least one of your banks? multiple nominations are possible online only Which arrangements did you choose, to avoid payments of negative interest rates? Other: please specify Yes [1] Survey period Survey frequency han_negint_burden burden of negative interest rates on profit East and West 06/2017 once Wording of question Jun 17 Further information online only Negative interest rates have a negative impact on our revenues negiligible or not at all [3] significantly significant [1] [2] Name Label Survey period Survey frequency han_negint_banks number of relationship banks East and West 06/2017 once Wording of question Jun 17 Further information How many main banks do you use? online only If No How many banks do you name youre main bank? More than 4 2 [2] 4 [4] 0 [0] 1 [1] 3 [3] [5] Survey period tax reform: percentage sales in US han_ustax_sales East and West 03/2018 once Wording of question Further Information Tax reform in the USA What percentage of your annual turnover comes from the USA? Name Label Survey frequency tax reform: competition with US-companies East and West 03/2018 han_ustax_competition once Wording of question Mrz 18 Further Information

Tax reform in t	he USA				
How does your	company comp	ete with compar	nies from the US	A?	
	strong [1]	medium [2]	weak [3]	none [4]	

	Name	Label	Survey period	Survey frequency
	har a to the	Age of the second secon	F	
	han_ustax_shortterm	tax reform: tax burden short term	East and West 03/2018	once
ording o	of question			
Mrz	18			Further Information
	Tax reform in the USA			
	Due to the tax reform the t	ax burden of your company will on the		
	short term	decrease [1] stay the same increase [3]		
	SHOTE CETH	[4]		
_	Name	Label	Survey period	Survey frequency
	.idilic		Julyey periou	Survey frequency
	han_ustax_longterm	tax reform: tax burden long term	East and West 03/2018	once
ording o	of question			
Mrz	•			Further Information
IVII Z	Tax reform in the USA			. d. d.c. momadon
		ax burden of your company will on the		
		stay the same increase [3]		
	long term	decrease [1] Stay the same increase [3]		
	Name	Label	Survey period	Survey frequency
	han_ustax_export	tax reform: reaction export	East and West 03/2018	once
ording (of question			
Mrz				Further Information
IVII Z	Tax reform in the USA			rui tiler illiormation
		r) react to the US-tax refom?		
	Exports to the USA	decrease [1] no change [2] increase [3]		
	Name	Label	Survey period	Survey frequency
	Name han_ustax_import	Label tax reform: reaction import	East and West 03/2018	once
	han_ustax_import			
	han_ustax_import		East and West 03/2018	once
ording o	han_ustax_import of question		East and West 03/2018	
	han_ustax_import of question 18 Tax reform in the USA	tax reform: reaction import	East and West 03/2018	once
	han_ustax_import of question 18 Tax reform in the USA		East and West 03/2018	once
	han_ustax_import of question 18 Tax reform in the USA	tax reform: reaction import	East and West 03/2018	once

Survey period

Survey frequency



Name Label Survey period Survey frequency

han_ustax_invger tax reform: reaction investment in Germany East and West 03/2018 once

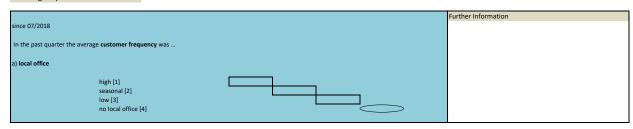
Wording of question



Name Label Survey period Survey frequency

han_custfreq_loc average customer frequency last quarter - local East and West since 07/2018 Jan, Apr, July, Oct

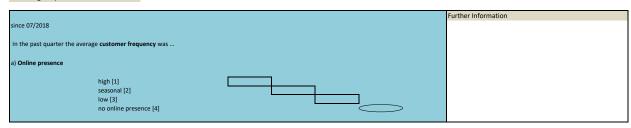
Wording of question



 Name
 Label
 Survey period
 Survey frequency

 han_custfreq_on
 average customer frequency last quarter - online
 East and West since 07/2018
 Jan, Apr, July, Oct

Wording of question



Name Label Survey period Survey frequency

han_gdp1 real gdp: % change comp. last year West and East 08/2018 once

Wording of question

Aug 18

By how many percent do you think the real GDP in Germany will change in 20XX compared to the previous year (20YY)?

XX= current year
YY= previous year
e.g. in 2018: 20XX=2018, 20YY=2017
related to gdp3 gdp4

Name	Label		Survey period	Survey frequency
Nume	Label		Survey period	Salvey negaciney
han_gdp2	impact situati	t economic development on buisness	West and East 08/2018	once
W	Jidath			
Wording of question				
Aug 18				Further information
How important is	s the general economic development	in Germany for your buisness situatio	n?	
_				
v		ot as less important un-important rtant [3] [4] [5]	nt	
<u> </u>	[1] Impor	tant [3] [4] [3]		
Name	Label		Survey period	Survey frequency
				, , ,
han_found	foundi	ng year	West and East 09/2018	once
Wording of question				
Sep 18				Further information
In which year wa	s your company / business founded?			
,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Name	Label		Survey period	Survey frequency
Nume	Luber		Survey period	Survey frequency
han_forsales	sales: f	% in foreign country	West and East 09/2018	once
Wording of question				
Sep 18				Further information
How many perce	nt of your sales does your company /	business make abroad?		
-				
Name	Label		Survey period	Survey frequency
han_invit_dj			West and east 11/2018 to 11/2021	May, Nov
	investr	ment in Software/database this year	West and east since 03/2022	March, Nov
Manding of a service				
Wording of question				
Nov 18				Further information
Special question (only in May and Nov				20XX = last year 20WW = this year
(Only III May and Nov	rember)	Total investments	4	200W - this year
		-Software/ Datenbases		han_invest_lj
		+ [1]		han_invcon_lj han_inveq_lj
In the current y	vear our investments (20WW** comp	ared to = [2]		han_invest_dj
	20XX**)		_	han_invcon_dj han_inveq_dj
		- [3]		han_invest_nj
				han_invcon_nj han_inveq_nj
Mrz 22				han_invit_lj
Special question	investments			Label in data set:
		Total investments		+ = increased [1] = = not changed [2]
		-Software/ Datenbases		- = decreased [3]
		+ [1]		
In the current v	ear our investments (20WW** comp	ared to		
In the_current y	rear our investments (20WW** comp. 20XX**)			
In the current y		ared to	-	
In the current y		ared to = [2]		
In the_current y		ared to = [2]		

han_invit_nj West and east since 11/2018 Nov investment in Software/database next year Wording of question Nov 18 Further information Special question investments 20YY = next 20WW = this year Total investments -Software/ Datenbases han_invest_lj han invcon li + [1] han_inveq_lj han_invest_dj Next year our investments will likely be (20YY** compared to 20WW**) = [2] han_invcon_dj han_inveq_dj - [3] han invest nj han_invcon_nj han_inveq_nj han_invit_lj Label in data set: + = increased [1] = = not changed [2] - = decreased [3] Name Label Survey period Survey frequency West and east 11/2018 han_sec_management once sector - questionnaire completed in: management Wording of question Further information since 11/2018 n which **sector** of your company/enterprise the questionnaire of the ifo Business Survey will be completed? nanagement [1] Survey frequency han_sec_controlling sector - questionnaire completed in: controlling West and east 11/2018 once Wording of question Further information n which **sector** of your company/enterprise the questionnaire of the ifo Business Survey will be completed? Finance / Controlling / Accounting [1] Label Survey period Survey frequency han_sec_marketing sector - questionnaire completed in: marketing West and east 11/2018 once Wording of question Further information since 11/2018 In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be completed? Sale / Marketing [1] Label Name Survey period Survey frequency han_sec_other West and east 11/2018 once sector - questionnaire completed in: other

Wording of question		
since 11/2018		Further information
	CPV	These comments are not part of the KT-Dataset. For achieve to be requested at EBDC, seperately.
In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be complete	ur	
Other, description: [1]		
Name Label	Survey period	Survey frequency
han_pos_director position - questionnaire completed by: director	West and east 11/2018	once
Wording of question		
since 11/2018		Further information
Which name most likely applies to the position of the usually completing (the questionnaire) person?		
Owner / Director / Authorised officer / Board		
member [1]		
Name Label	Survey period	Survey frequency
	West and rest 44 loose	
han_pos_manager position - questionnaire completed by: manager	West and east 11/2018	once
Wording of question		
day 44 (040)		Further information
since 11/2018 Which name most likely applies to the position of the usually completing (the questionnaire) person?		
which haire most likely applies to the position of the usually completing (the questionnaile) person:		
manager / head of department [1]		
Name Label	Survey period	Survey frequency
		,,,
han_pos_teamleader position - questionnaire completed by: team leader	West and east 11/2018	once
Wording of question		
		Further information
since 11/2018		
Which name most likely applies to the position of the usually completing (the questionnaire) person?		
Team leader [1]		
Name Label	Survey period	Survey frequency
han_pos_clerk position - questionnaire completed by: clerk	West and east 11/2018	once
W. des at a second		
Wording of question		Eurther information
since 11/2018		Further information
		Further information
since 11/2018 Which name most likely applies to the position of the usually completing (the questionnaire) person?		Further information
since 11/2018		Further information
since 11/2018 Which name most likely applies to the position of the usually completing (the questionnaire) person?		Further information
since 11/2018 Which name most likely applies to the position of the usually completing (the questionnaire) person?	Survey period	Further information Survey frequency
since 11/2018 Which name most likely applies to the position of the usually completing (the questionnaire) person? Clerk [1] Name Label		Survey frequency
since 11/2018 Which name most likely applies to the position of the usually completing (the questionnaire) person? Clerk [1]	Survey period West and east 11/2018	
since 11/2018 Which name most likely applies to the position of the usually completing (the questionnaire) person? Clerk [1] Name Label		Survey frequency
since 11/2018 Which name most likely applies to the position of the usually completing (the questionnaire) person? Clerk [1] Name Label han_pos_other position - questionnaire completed by: other		Survey frequency

	Other, description:		[1]			
	Name	Label			Survey period	Survey frequency
			_			
	han_gdp3		real gdp: % change 2018)	comp. last year (2019	West and East 03/2019 West and East 08/2019	once once
Wording of	question				·	
						Further information
since 3/2019						related to gdp1 gdp4
	By how many percent do y previous year?	you think the real G	GDP in Germany will ch	nange in the year listed	below compared to the respective	3-4-3-4
	(percentage indication wit	h one decimal poss	sible)			
	2019:%					
	Name	Label			Survey period	Survey frequency
	han_gdp4			comp. last year (2020	ws West and East 03/2019	once
			2019)		West and East 08/2019	once
Wording of	question					
ince 3/2019						Further information
	By how many percent do y	you think the real G	GDP in Germany will ch	nange in the year listed	below compared to the respective	related to gdp1 gdp3
	previous year? (percentage indication wit			lange in the year instea	selon compared to the respective	
	2020:%					
	Name	Label			Survey period	Survey frequency
		Label	weather			
	Name han_heat_occ	Label	weather - occurance	e: heat wave	Survey period West and East 05/2019 West and East 05/2022	Survey frequency once once
Wording of	han_heat_occ	Label	weather - occurance	e: heat wave	West and East 05/2019	once
Wording of	han_heat_occ	Label	weather - occurance	e: heat wave	West and East 05/2019	once
Wording of	han_heat_occ				West and East 05/2019 West and East 05/2022	once once
	han_heat_occ				West and East 05/2019	once once
	han_heat_occ		er conditions in the re	gion, where your firm i	West and East 05/2019 West and East 05/2022	once once
	han_heat_occ				West and East 05/2019 West and East 05/2022	once once
	han_heat_occ		er conditions in the re	gion, where your firm i	West and East 05/2019 West and East 05/2022	once once
	han_heat_occ question Where there any incidents		er conditions in the re	gion, where your firm i	West and East 05/2019 West and East 05/2022	once once
	han_heat_occ question Where there any incidents		er conditions in the re	gion, where your firm i	West and East 05/2019 West and East 05/2022	once once
	han_heat_occ f question Where there any incidents Heat wave	of extrem weathe	Yes [1]	gion, where your firm i	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period	once once Further information Survey frequency
	han_heat_occ question Where there any incidents Heat wave	of extrem weathe	er conditions in the re	gion, where your firm i	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years?	once once Further information
	han_heat_occ question Where there any incidents Heat wave Name han_cold_occ	of extrem weathe	Yes [1]	gion, where your firm i	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019	once once Further information Survey frequency once
ince 5/2019	han_heat_occ question Where there any incidents Heat wave Name han_cold_occ	of extrem weathe	Yes [1]	gion, where your firm i	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019	once once Further information Survey frequency once
ince 5/2019	han_heat_occ f question Where there any incidents Heat wave Name han_cold_occ question	s of extrem weather	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once
wording of	han_heat_occ f question Where there any incidents Heat wave Name han_cold_occ question	s of extrem weather	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019	once once Further information Survey frequency once once
wording of	han_heat_occ f question Where there any incidents Heat wave Name han_cold_occ question	s of extrem weather	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once
wording of	han_heat_occ f question Where there any incidents Heat wave Name han_cold_occ question	s of extrem weather	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once
wording of	han_heat_occ f question Where there any incidents Heat wave Name han_cold_occ question	s of extrem weather	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once
wording of	han_heat_occ f question Where there any incidents Heat wave Name han_cold_occ f question Where there any incidents	s of extrem weather	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once
wording of	han_heat_occ f question Where there any incidents Heat wave Name han_cold_occ f question Where there any incidents	s of extrem weather	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once
wording of	han_heat_occ question Where there any incidents Heat wave Name han_cold_occ question Where there any incidents Cold wave	Label	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019 West and East 05/2022	Survey frequency once once Survey frequency Further information
wording of	han_heat_occ question Where there any incidents Heat wave Name han_cold_occ question Where there any incidents Cold wave	Label	Yes [1] weather - occurance	gion, where your firm i No [2] e: cold wave gion, where your firm i	West and East 05/2019 West and East 05/2022 s settled, in the last 10 years? Survey period West and East 05/2019 West and East 05/2022	Survey frequency once once Survey frequency Further information

Vision of the curry incidents of extreme weather conditions in the region, where your family cathod, in the less 30 years 7									
Name table survivors continues in the region, where your fam is settled of your family and East 03/2015 once Wording of question	since 5/2019							Further informati	ion
Name table survivors continues in the region, where your fam is settled of your family and East 03/2015 once Wording of question		Where there any incidents of ext	trem weather	conditions in th	ie region, where	your firm is set	tled, in the last 10 years ?		
Name Label Survey period Survey frequency More flore any accidence of extreme weather conditions in the region, whose your firm is settled, in the last 89 years 7 Name Label Survey period Survey frequency Name Label Survey period Survey frequency Name Label Survey frequency									
Name Label Survey period Sorvey frequency That part products of extreme weather conditions in the region, whore your firm is settled, in the last 80 years 7 West and East 05/2019				Yes [1]	No [2]				
Name Label Survey period Sorvey frequency That part products of extreme weather conditions in the region, whore your firm is settled, in the last 80 years 7 West and East 05/2019									
han rain occ Wording of question West and East 05/2019 Where there any insidents of extrem weather conditions in the region, where your firm is settled, in the lost 30 years? Name		Drought							
han rain occ Wording of question West and East 05/2019 Where there any insidents of extrem weather conditions in the region, where your firm is settled, in the lost 30 years? Name									
Wording of question Very 131 No 121 No 121		Name L	Label				Survey period		Survey frequency
Wording of question Very 131 No 121 No 121									
Wording of question Name Label Survey period Survey frequency		han_rain_occ		weather - occu	rance: heavy rai	in			
Where there any incidence of extreme weather conditions in the region, where your firm is settled, in the last 39 years? Very ICI No 12	\\\\\\						West and East 05/2022		once
Where there any incodents of extreme weather conditions in the region, where your firm is settled, in the last 18 years ?	wording of	question							
Name Label Survey period Survey frequency Mording of question Name Label Survey period Guestion West and East 05/2019 Once West and East 05/2022 Once West and East 05/2022 Once West and East 05/2022 Once West and East 05/2022 Once West and East 05/2022 Once West and East 05/2022 Once West and East 05/2022 Once West and East 05/2022 Once West and East 05/2019 Once West and East 05/2022 Once Name Label Survey period Survey frequency West and East 05/2022 Once Wording of question West and East 05/2022 Once Wording of question	since 5/2019							Further informati	ion
Name Label Survey period Survey frequency West and East 05/2019 once Wording of question West and East 05/2019 Where there any incidents of extrems weather conditions in the region, where your firm is settled, in the last 89 years? Ves [1] No [2] Survey period Survey frequency West and East 05/2019 West and East 05/2019 West and East 05/2019 West and East 05/2019 Once Wording of question West and East 05/2019 West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency West and East 05/2019 West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency Normal East 05/2019 West and East 05/2019 West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency Normal East 05/2019 West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency Normal East 05/2019 West and East 05/2019 Once West and East 05/2019 Once West and East 05/2019 Once Once Wording of question		Where there any incidents of ext	trem weather	conditions in th	ie region, where	your firm is set	tled, in the last 10 years ?		
Name Label Survey period Survey frequency West and East 05/2019 once Wording of question West and East 05/2019 Where there any incidents of extrems weather conditions in the region, where your firm is settled, in the last 89 years? Ves [1] No [2] Survey period Survey frequency West and East 05/2019 West and East 05/2019 West and East 05/2019 West and East 05/2019 Once Wording of question West and East 05/2019 West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency West and East 05/2019 West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency Normal East 05/2019 West and East 05/2019 West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency Normal East 05/2019 West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency Normal East 05/2019 West and East 05/2019 Once West and East 05/2019 Once West and East 05/2019 Once Once Wording of question						7			
Name Label Survey period Survey frequency Wast and East 05/2019 Once West and East 05/2019 Once Wording of question Ince 5/2019 Where there any incidents of extrem weather conditions in the region, where your firm is settled, in the last 10 years 7 Yes [1] No [2] Storms Name Label Survey period Survey frequency Wast and East 05/2019 Once Wording of question Name Label Survey period Survey frequency West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency West and East 05/2019 Once Once Wording of question Name Label Survey period Survey frequency West and East 05/2019 Once Nother information Number of question Name Label Survey period Survey frequency Wording of question Name Label Survey period Survey frequency West and East 05/2019 Once Once Wording of question				Yes [1]	No [2]				
Name Label Survey period Survey frequency Wast and East 05/2019 Once West and East 05/2019 Once Wording of question Ince 5/2019 Where there any incidents of extrem weather conditions in the region, where your firm is settled, in the last 10 years 7 Yes [1] No [2] Storms Name Label Survey period Survey frequency Wast and East 05/2019 Once Wording of question Name Label Survey period Survey frequency West and East 05/2019 Once Wording of question Name Label Survey period Survey frequency West and East 05/2019 Once Once Wording of question Name Label Survey period Survey frequency West and East 05/2019 Once Nother information Number of question Name Label Survey period Survey frequency Wording of question Name Label Survey period Survey frequency West and East 05/2019 Once Once Wording of question									
West and East 05/2019 Where there any incidents of extrem weather conditions in the region, where your firm is settled, in the last 10 years ? Yes [2] No [2] Storms No [2] Storms No No No No No No No N		Heavy rain							
West and East 05/2019 Where there any incidents of extrem weather conditions in the region, where your firm is settled, in the last 10 years ? Yes [2] No [2] Storms No [2] Storms No No No No No No No N									
Wording of question Survey period Survey frequency		Name L	Label				Survey period		Survey frequency
Wording of question Survey period Survey frequency									
Wording of question Survey period Survey frequency		han_storm_occ		weather - occu	rance: storms				
weather - impact: heatwaves Name Label Survey period Survey frequency Mest and East 05/2019 West and East 05/2029 Once Wording of question Name Label None [2] Negative [3] None [2] Negative [3] None [2] Negative [3] Survey period Survey frequency Further information	Wording of	auestion							
Where there any incidents of extrem weather conditions in the region, where your firm is settled, in the last 10 years? Yes [1]	Tronuing or	question							
Yes [1] No [2]	since 5/2019							Further Informati	ion
Name Label Survey period Survey frequency han_heat_imp		Where there any incidents of ext	trem weather	conditions in th	e region, where	your firm is set	tled, in the last 10 years ?		
Name Label Survey period Survey frequency han_heat_imp						7			
Name Label Survey period Survey frequency han_heat_imp				Yes [1]	No [2]				
Name Label Survey period Survey frequency han_heat_imp		Chama							
han_heat_imp weather - impact: heatwaves West and East 05/2019 once Wording of question Further information		Storins]			
han_heat_imp weather - impact: heatwaves West and East 05/2019 once Wording of question Further information									
Wording of question Further information		Name L	Label				Survey period		Survey frequency
Wording of question Further information									
Since 5/2019 Did these extreme weather conditions have an impact on the value added of your firm? Positive [1] None [2] Negative [3] Heatwaves Name Label Survey period Survey frequency han_cold_imp weather - impact: coldwaves West and East 05/2019 once Wording of question Further information Further information		han_heat_imp		weather - impa	act: neatwaves				
Since 5/2019 Did these extreme weather conditions have an impact on the value added of your firm? Positive [1] None [2] Negative [3] Heatwaves Name Label Survey period Survey frequency han_cold_imp weather - impact: coldwaves West and East 05/2019 once Wording of question Further information Further information	Wording of	question							
Did these extreme weather conditions have an impact on the value added of your firm? Positive [1]								Further informati	ion
Positive [1] None [2] Negative [3] Heatwaves	since 5/2019							i di diei informati	
Name Label Survey period Survey frequency han_cold_imp weather - Impact: coldwaves West and East 05/2019 once once Wording of question Further information		Did these extreme weather conc	ditions have ar	n impact on the	value added of	your firm?			
Name Label Survey period Survey frequency han_cold_imp weather - Impact: coldwaves West and East 05/2019 once once Wording of question Further information							1		
Name Label Survey period Survey frequency han_cold_imp weather - impact: coldwaves West and East 05/2019 once Wording of question Further information				Positive [1]	None [2]	Negative [3]			
Name Label Survey period Survey frequency han_cold_imp weather - impact: coldwaves West and East 05/2019 once Wording of question Further information		Heatwaves							
han_cold_imp weather - impact: coldwaves West and East 05/2019 once West and East 05/2022 once Wording of question Further information									
han_cold_imp weather - impact: coldwaves West and East 05/2019 once West and East 05/2022 once Wording of question Further information									
West and East 05/2022 once Wording of question Further information		Name L	Label				Survey period		Survey frequency
West and East 05/2022 once Wording of question Further information		han cold imp		weather - impa	act: coldwaves		West and East 05/2010		once
Further information		nan_colu_iiiip		comer - milpo	co.awavc3				
since 5/2019	Wording of	question							
								Further informati	ion
Did these extreme weather conditions have an impact on the value added of your firm?	since 5/2019								
		Did these extreme weather cond	ditions have ar	n impact on the	value added of	your firm?			
Positive [1] None [2] Negative [3]		Did these extreme weather con-	aitions nave ai	ir iii pact oir tile					

	Coldwaves					
	Name Jakel				Common and	Company francisco
	Name Label				Survey period	Survey frequency
	han_drought_imp	weather - impa	act: drought		West and East 05/2019	once
					West and East 05/2022	once
Wording of	question					
since 5/2019						Further information
	Did these extreme weather conditions h	have an impact on the	value added of	your firm?		
					1	
		Positive [1]	None [2]	Negative [3]		
	Drought					
	Name Label	_			Survey period	Survey frequency
	han_rain_imp	weather - impa	ect: neavy rain		West and East 05/2019 West and East 05/2022	once once
Wording of	question					
						Further information
since 5/2019						
	Did these extreme weather conditions h	have an impact on the	value added of	your firm?		
		Positive [1]	None [2]	Negative [3]		
	Heavy rain					
	Name Label				Survey period	Survey frequency
						Janvey medaemey
	han_storm_imp	weather - impa	act: storms		West and East 05/2019	once
Mording of		weather - impa	act: storms		West and East 05/2019 West and East 05/2022	
Wording of		weather - impa	act: storms			once once
		weather - impa	act: storms			once
				your firm?		once once
	question	have an impact on the	value added of			once once
	question Did these extreme weather conditions i			your firm? Negative [3]		once once
	question	have an impact on the	value added of			once once
	question Did these extreme weather conditions i	have an impact on the	value added of			once once
	question Did these extreme weather conditions i	have an impact on the	value added of			once once
Wording of	Did these extreme weather conditions h	Positive [1]	value added of	Negative [3]	Survey period West and East 05/2019	once once Further information
5/2019	Question Did these extreme weather conditions in Storms Storms Name Label han_heat_inc	Positive [1]	value added of None [2]	Negative [3]	West and East 05/2022 Survey period	once once Further information Survey frequency
5/2019	Question Did these extreme weather conditions in Storms Storms Name Label han_heat_inc	Positive [1]	value added of None [2]	Negative [3]	Survey period West and East 05/2019	once once Further information Survey frequency once
	Question Did these extreme weather conditions in Storms Storms Name Label han_heat_inc	Positive [1]	value added of None [2]	Negative [3]	Survey period West and East 05/2019	once once Further information Survey frequency once once Further information only online in 2019
wording of	Question Did these extreme weather conditions in Storms Storms Name Label han_heat_inc	Positive [1] weather - incid	None [2]	Negative [3]	Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once
wording of	Did these extreme weather conditions h Storms Name Label han_heat_inc	Positive [1] weather - incid	None [2]	Negative [3]	Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once Further information only online in 2019
wording of	Did these extreme weather conditions h Storms Name Label han_heat_inc	Positive [1] weather - incide	None [2]	Negative [3]	Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once Further information only online in 2019
wording of	Did these extreme weather conditions h Storms Name Label han_heat_inc	Positive [1] weather - incide	value added of None [2] Hence and intens	Negative [3]	Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once Further information only online in 2019
wording of	Did these extreme weather conditions has been storms Name Label han_heat_inc question Does your firm expect any change in the	Positive [1] weather - incide	value added of None [2] Hence and intens	Negative [3]	Survey period West and East 05/2019 West and East 05/2022	once once Further information Survey frequency once once Further information only online in 2019
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nnce

Wording of question

since 5/2019						Further information only online in 2019
	Does your firm expect any change in the frequ	ency or intensity	paper and online in 2022			
		Increase [1]	No change [2]	Decrease [3]		
	Coldwaves					

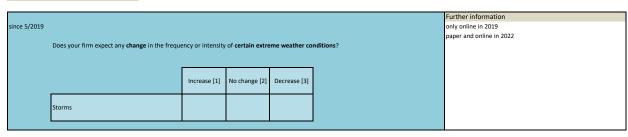
Name Label Sur	1
Name Label Sur	
	urvey period Survey frequency
han_drought_inc weather - incidence and intensity: drought We	/est and East 05/2019 once
	/est and East 05/2022 once
Wording of question	
	Further information
since 5/2019	only online in 2019
	paper and online in 2022
Does your firm expect any change in the frequency or intensity of certain extreme weather condition	itions?
Increase [1] No change [2] Decrease [3]	
Increase [1] No change [2] Decrease [3]	
Increase [1] No change [2] Decrease [3] Drought	
Drought	urvey period Survey frequency
Drought	urvey period Survey frequency
Drought Sur	urvey period Survey frequency Vest and East 05/2019 once

Wording of question

						Further information
e 5/2019						only online in 2019
						paper and online in 2022
Does y	our firm expect any change in the freque	ency or intensity	of certain extre	me weather co	ditions?	
		Increase [1]	No change [2]	Decrease [3]		
		(=)				
Heavy	rain					

Name Label		Survey period	Survey frequency
han_storm_inc	weather - incidence and intensity: storms	West and East 05/2019	once
		West and East 05/2022	once

Wording of question



Name	Label	Survey period	Survey frequency
han_heat_prep		West and East 05/2019 West and East 05/2022	once once

Wording of question

	Further information
since 5/2019	only online in 2019
	paper and online in 2022
Is your firm currently prepared for possibly negative consequences of extreme weather conditions (e.g., by supplementary	

Yes [1] No [2] Not necessary [3] Heatwaves	insurances, reserves, technical arrangements, o	ther measures)	?	
Heatwaves		Yes [1]	No [2]	
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Is your firm currently prepared for possibly negative consequences of extreme weather conditions (e.g., by supplementary insurances, reserves, technical arrangements, other measures)? Yes [1] No [2] Not necessary [3]		neatwaves						
Page 100 Prep								
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wester prepared for positivy regative consequence of existence weather conditions (e.g., by supplementary) Test 11 No 12 Not recessive	Nording of	question						
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Further information only ordine in 2022 Survey firm currently prepared for possibly negative consequences of extreme weather conditions (e.g., by supplementary insurances, reserves, technical arrangements, other measures)? Ves. [1] No. [2] Not necessary							West and East 05/2022	once
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Ves [1] No [2] Not necessary B]						e weather cond	itions (e.g., by supplementary	paper and online in 2022
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Name Label Survey period Survey frequency Name Label Survey period Survey frequency							West and East 05/2022	once
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Is your firm currently prepared for possibly negative consequences of extreme weather conditions (e.g., by supplementary insurances, reserves, technical arrangements, other measures)? Yes [1]	nce 5/2019							only online in 2019
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Further information only online in 2019 paper and online in 2022		Name	Label	weather - prep	ared: storms		West and East 05/2019	once
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Is your firm **currently prepared** for possibly **negative consequences** of extreme weather conditions (e.g., by supplementary insurances, reserves, technical arrangements, other measures)?

Storms	Yes [1] No [2]	[3]		
Storms				
Name	Label	Survey Period	Survey Frequency	
		locistics West and Fact OC /2040		

business activities hindered by logistics services: availability West and East 06/2019 han_log_services_avail once

Wording of question

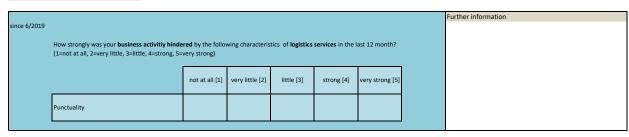
								Further information
since 6/2019								
	How strongly was your business activitiy hinde		wing characteris	tics of logistics	services in the I	ast 12 month?		
	(1=not at all, 2=very little, 3=little, 4=strong, 5=							
							1	
		1 [1]	2 [2]	3 [3]	4 [4]	5 [5]		
	Availability							
	,							

	Name	Label	Survey Period	Survey Frequency	
	han_log_services_prices	business activities hindered by logistics	West and East 06/2019	once	
		services: prices			
Wording of	question				
Wording of	question				

Further information since 6/2019 How strongly was your **business activity hindered** by the following characteristics of **logistics services** in the last 12 month? (1=not at all, 2=very little, 3=little, 4=strong, 5=very strong) not at all [1] very little [2] little [3] strong [4] very strong [5]

Name	Label	Survey Period	Survey Frequency	
han_log_services_punct	business activities hindered by logistics	West and East 06/2019	once	
	services: punctuality			

Wording of question



Name	Label	Survey Period	Survey Frequency	
han_log_services_qual	business activities hindered by logistics	West and East 06/2019	once	

Wording of question

since 6/2019							Further information
	How strongly was your business activity hinde (1=not at all, 2=very little, 3=little, 4=strong, 5=		wing characteris	etics of logistics	services in the I	ast 12 month?	
		not at all [1]	very little [2]	little [3]	strong [4]	very strong [5]	
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or logistic service for outcome delivery in the ext 2 month (1 met ext.) in the (1) strong (i) every arrong (i) every arrong (ii) Auditability Name Labet Survey Preguency Discrete Arrong of special services (in contame delivery in the ext.) strong (ii) every arrong (ii) every arrong (ii) every arrong (iii) every frequency Wording of question Wording of question Figure are also as atting your products andre: How strongly was your because activities (indicated by the following discontinuous of inginities services for contame delivery in the ext. 27 month (1 met ext.) Every (into, 3 min. 6-strong, 5 very arrong (ii) every arrong (ii) every arrong (iii) every arrong (iii) every arrong (iii) arrong (iii) every arrong (iii) every arrong (iii) every arrong (iii) every arrong (iii) arrong (iii) every arrong (iiii) every arrong (iiii) every arrong (iii) every arrong (iii) eve	since 6/2019								Further information
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Name Label Survey Period Survey Period Survey Proquency Meet and East 06/2019 once Wording of question Wording of guestion Survey Period Survey Proquency Wording of question Name Label Survey Period		of logistics services for customer delivery in	the last 12 month?	(1=not at all, 2	every little, 3=li	ttle, 4=strong, 5	every strong)	i	
Name Label Survey Period Survey Frequency Wording of question Wording of question Wording of question Wording of question Further information Further			not at all [1]	very little [2]	little [3]	strong [4]	very strong [5]		
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han delity services prices Survey Frequency Survey Frequency									
han delity services prices Survey Frequency Survey Frequency									
Wording of question Survey Frequency		Name	Label			Survey Peri	od		Survey Frequency
Wording of question A compared to the process A compared to the compared		han_deliv_services_prices			logistics	West and E	ast 06/2019		once
Further information Further information Further information Further information	Wording of	fauestion							
If you are also entirely your products online: How strongly was your business activities hindered by the following characteristics of reactives for customer delivery in the last 2 month? (1-not) at all 2-very IRRs_PHIBS, 4-strong_P-very IRRS_P-very I		4							Further information
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Name Label Survey Period Survey Frequency han_deliv_services_punct business activities hindered by togistics services for deliveries: punctuality Wording of question Wording of question Wording of products online: How strongly was your business activities hindered by the following characteristics of logistics services for outcomer delivery in the list 12 month? [1-mot at all, 2-very little, 3-little, 4-strong, 5-very strong			not at an [1]	very intile [2]	iittie [5]	Strong [4]	very strong [5]		
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If you are also selling your products online: How strongly was your business activity hindered by the following characteristics of logistics services for customer delivery in the last 12 month? (1=not at all, 2=very little, 3=little, 4=strong, 5=very strong) Name		man_acmv_services_panee	services for deli	veries: punctua	lity		•		
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Name Label Survey Period Survey Frequency han_deliv_services_stat business activities hindered by logistics West and East 06/2019 or lot at all [2] very little, 3=little, 4=strong, 5=very strong [5] Very little [2] little [3] strong [4] very strong [5] Very little [2] little [3] strong [4] very strong [5] Very little [2] little [3] strong [4] very strong [5] Very strong [5] very stron	since 6/2019	If you are also selling your products online: of logistics services for customer delivery in Punctuality Name han_deliv_services_qual	low strongly was y the last 12 month? not at all [1] Label business activiti	our business ac (1=not at all, 2 very little [2]	tivitiy hinderec every little, 3=li little [3]	strong [4] Survey Perio	g characteristics every strong) very strong [5]		Survey Frequency once
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Name Label Survey Period Survey Frequency han_deliv_services_stat business activities hindered by logistics West and East 06/2019 once	since 6/2019 Wording of	If you are also selling your products online: Holiogistics services for customer delivery in: Punctuality Name han_deliv_services_qual If you are also selling your products online: Holiogistics services are services.	not at all [1] Label business activits services for deli	our business ac (1=not at all, 2 very little [2] very little [2] es hindered by veries: quality our business ac (1=not at all, 2	little [3] little [3] little [3]	Survey Perion West and Editor By the followin title, 4=strong, 5	g characteristics =very strong [5] very strong [5] od ast 06/2019 g characteristics =very strong)		Survey Frequency once
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	since 6/2019 Wording of	If you are also selling your products online: Holiogistics services for customer delivery in: Punctuality Name han_deliv_services_qual If you are also selling your products online: Holiogistics services are services.	not at all [1] Label business activits services for deli	our business ac (1=not at all, 2 very little [2] very little [2] es hindered by veries: quality our business ac (1=not at all, 2	little [3] little [3] little [3]	Survey Perion West and Editor By the followin title, 4=strong, 5	g characteristics =very strong [5] very strong [5] od ast 06/2019 g characteristics =very strong)		Survey Frequency once

If you are also selling your products online: How strongly was your business activity hindered by the following characteristics of logistics services for customer delivery in the last 12 month? (1=not at all, 2=very little, 3=little, 4=strong, 5=very strong) Products are only sold stationary [1] Survey frequency Survey period West and east 05/2019 to 05/2021 West and east since 03/2022 May Mar han_invit_lj investment in Software/database last year Wording of question May 2019 Further information Special question investments 20YY = previous year 20WW = preprevious yea Total investments e.g. if question was in 2019: 20YY=2018 and 20WW=2017 -Software/ Datenbases han invest li han_invcon_lj + [1] han_inveq_lj han_invest_dj Last year our investments were (20YY** compared to = [2] 20WW**) han_invcon_dj han inveg di - [3] han_invest_nj han_invcon_nj han_inveq_nj han_invit_dj han_invit_nj Label in data set: = increased [1] = = not changed [2] = decreased [3] Name Label Survey period Survey frequency West and East since 01/2019 percentage change of sales in field xy - last quarter han csal lq Jan, Apr, Jul, Oct Wording of question since 01/2019 Percentage change of sales in field XY - last quarter By what percentage did your sales change in quartal "i"* % (please insert positive or negative integral numbers) [1] *"i" either denotes the previous quarter or the current quarter Example: I don't know [3] If the question was posed at the beginning of the fourth quarter the the question refers to the previous third quarter. If it is posed at the end of the second quarter, it refers to the second nuarter Further notes: [1] = A value was stated [3] = "I don't know"was stated Name Label Survey period Survey frequency West and East since 01/2019 han_csal_lq_v values: percentage change of sales in field xy - last quarter Jan, Apr, Jul, Oct Wording of question urther information since 01/2019 Values: percentage change of sales in field XY - last quarter By what percentage did your sales change in quartal "i"* % (please insert positive or negative integral numbers) change by: "i" either denotes the previous quarter or the current quarter Example: If the question was posed at the beginning of the fourth quarter the the question refers to the previous third quarter. If it is posed at the end of the second quarter, it refers to the second uarter Name Label Survey frequency Survey period han_csal_nqbc West and East since 01/2019 Jan, Apr, Jul, Oct best case//percentage change of sales in field xy - next Wording of question Further information ince 01/2019

By what percentage are your sales going to change in quarter "k"*?

Change of sales in field XY next quarter (best case)

best case:	% (please insert positive or negative integral numbers) [1]	*"k" either denotes the following quarter or the current quarte: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
		Further notes: [1] = A value was stated [3] = "I don't know"was stated

Name	Label	Survey period	Survey frequency
han csal ngbc v	values: best case//percentage change of sales in field xy - next		Jan, Apr, Jul, Oct
	values: best case//percentage change of sales in field xy - next quarter	Mest and East since 01/2013	Jan, Apr, Jun, Oct
Wording of question			
since 01/2019			Further information
By what percentage are your sales going to	change in quarter "k"*?		Denotion of values: Change of sales in field XY next quarter (best case)
best case:	% (please insert positive or negative integral numbers)		*"k" either denotes the following quarter or the current quarter
			Example: If the question was posed at the end of the fourth quarter, the
			the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
			quarter
Name	Label	Survey period	Survey frequency
han_csal_nqac	average case//percentage change of sales in field xy - next	West and East since 01/2019	Jan, Apr, Jul, Oct
Wording of question	quarter		
			Further information
since 01/2019			Change of sales in field XY next quarter (average case)
By what percentage are your sales going to	change in quarter "k"*?		Change Control of the
average case:	% (please insert positive or negative integral numbers) [1]		*"k" either denotes the following quarter or the current quarter Example:
I don't know [3]			If the question was posed at the end of the fourth quarter, the
			the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
			quarter
			Further notes: [1] = A value was stated
			[3] = "I don't know"was stated
Name	Label	Survey period	Survey frequency
Name han_csal_nqac_v	values: average case//percentage change of sales in field xy -		Survey frequency Jan, Apr, Jul, Oct
han_csal_nqac_v			
han_csal_nqac_v Wording of question	values: average case//percentage change of sales in field xy -		
han_csal_nqac_v Wording of question	values: average case//percentage change of sales in field xy- next quarter		Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to	values: average case//percentage change of sales in field xy- next quarter change in quarter "k**?		Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter (average case)
han_csal_nqac_v Wording of question	values: average case//percentage change of sales in field xy- next quarter		Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to	values: average case//percentage change of sales in field xy- next quarter change in quarter "k**?		Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to	values: average case//percentage change of sales in field xy- next quarter change in quarter "k**?		Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to	values: average case//percentage change of sales in field xy- next quarter change in quarter "k**?		Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
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han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name	values: average case//percentage change of sales in field xy- next quarter change in quarter "k"*? % (please insert positive or negative integral numbers)	West and East since 01/2019 Survey period	Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc	values: average case//percentage change of sales in field xy- next quarter change in quarter "k"*? % (please insert positive or negative integral numbers) Label	West and East since 01/2019	Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc	values: average case//percentage change of sales in field xy- next quarter o change in quarter "k"*? % (please insert positive or negative integral numbers) Label worst case//percentage change of sales in field xy - next	West and East since 01/2019 Survey period	Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency Jan, Apr, Jul, Oct
han_csal_nqac_v Wording of question Since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc Wording of question	values: average case//percentage change of sales in field xy- next quarter o change in quarter "k"*? % (please insert positive or negative integral numbers) Label worst case//percentage change of sales in field xy - next	West and East since 01/2019 Survey period	Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency Jan, Apr, Jul, Oct
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc Wording of question since 01/2019	values: average case//percentage change of sales in field xy- next quarter change in quarter "k"*? % (please insert positive or negative integral numbers) Label worst case//percentage change of sales in field xy - next quarter	West and East since 01/2019 Survey period	Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency Jan, Apr, Jul, Oct
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc Wording of question since 01/2019	values: average case//percentage change of sales in field xy- next quarter change in quarter "k"*? % (please insert positive or negative integral numbers) Label worst case//percentage change of sales in field xy - next quarter	West and East since 01/2019 Survey period	Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency Jan, Apr, Jul, Oct Further information Change of sales in field XY next quarter (worst case) *"k" either denotes the following quarter or the current quarter
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc Wording of question since 01/2019 By what percentage are your sales going to sales going going to sales going	values: average case//percentage change of sales in field xy- next quarter change in quarter "k**? 36 (please insert positive or negative integral numbers) Label worst case//percentage change of sales in field xy - next quarter change in quarter "k**?	West and East since 01/2019 Survey period	Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency Jan, Apr, Jul, Oct Further information Change of sales in field XY next quarter (worst case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc Wording of question since 01/2019 By what percentage are your sales going to worst case:	values: average case//percentage change of sales in field xy- next quarter change in quarter "k**? 36 (please insert positive or negative integral numbers) Label worst case//percentage change of sales in field xy - next quarter change in quarter "k**?	West and East since 01/2019 Survey period	Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter (average case) *""" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency Jan, Apr, Jul, Oct Further information Change of sales in field XY next quarter (worst case) *"K" either denotes the following quarter or the current quarter Example:
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc Wording of question since 01/2019 By what percentage are your sales going to worst case:	values: average case//percentage change of sales in field xy- next quarter change in quarter "k**? 36 (please insert positive or negative integral numbers) Label worst case//percentage change of sales in field xy - next quarter change in quarter "k**?	West and East since 01/2019 Survey period	Further information Denotion of values: Change of sales in field XY next quarter (average case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency Jan, Apr, Jul, Oct Further information Change of sales in field XY next quarter (worst case) *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at
han_csal_nqac_v Wording of question since 01/2019 By what percentage are your sales going to average case: Name han_csal_nqwc Wording of question since 01/2019 By what percentage are your sales going to worst case:	values: average case//percentage change of sales in field xy- next quarter change in quarter "k**? 36 (please insert positive or negative integral numbers) Label worst case//percentage change of sales in field xy - next quarter change in quarter "k**?	West and East since 01/2019 Survey period	Jan, Apr, Jul, Oct Further information Denotion of values: Change of sales in field XY next quarter (average case) *""" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Survey frequency Jan, Apr, Jul, Oct Further information Change of sales in field XY next quarter (worst case) *""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second

	Name	Label	Survey period	Survey frequency
	han_csal_nqwc_v	values: worst case//percentage change of sales in field xy -	West and East since 01/2019	Jan, Apr, Jul, Oct
Wording of o	question	next quarter		
				Further information
since 01/2019		11.11 marker 11.11 m		Denotion of values: Change of sales in field XY next quarter
	ntage are your sales going to ch			(worst case)
worst	case.	% (please insert positive or negative integral numbers)		*"k" either denotes the following quarter or the current quarter Example:
				If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
				quarter
	Name	Label	Survey period	Survey frequency
	han_psalinc	probability of sales increase - next quarter	West and East 01/2019 to 07/2022	Jan, Apr, Jul, Oct
Wording of o	question			
since 01/2019				Further information
How do you ev	aluate the probability that the	sales in your field increase in quarter "k"*		Probability of sales increase next quarter
	probability is	% (please enter integral numbers) [1]		*"k" either denotes the following quarter or the current quarter
	probability is between	% and % (please ente	er integral numbers) [2]	Example: If the question was posed at the end of the fourth quarter, the
	I don't know [3]			the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
				quarter Further notes:
				[1] = A single value was stated
				[2] = range of values was stated [3] = "I don't know"was stated
	Name	Label	Survey period	Survey frequency
	han_psalinc_min	lower bound: probability of sales increase - next quarter	West and East 01/2019 to 07/2022	Jan, Apr, Jul, Oct
Wording of o	question			
since 01/2019				English of Committee
SITILE 01/2019				Further information
	aluate the probability that the	sales in your field increase in quarter "k"*		Denoted lower bound: probability of sales increase next quarter
	aluate the probability that the		er integral numbers)	Denoted lower bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter
			er integral numbers)	Denoted lower bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the
			er integral numbers)	Denoted lower bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
			tr integral numbers)	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
			er integral numbers)	Denoted lower bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
			er integral numbers)	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you eva			er integral numbers) Survey period	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you eva	probability is between	% and% (please ente	Survey period	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency
How do you eva	probability is between Name han_psalinc_max	% and% (please ente		Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values
How do you eva	probability is between Name han_psalinc_max	% and % (please ente	Survey period	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency
How do you eva	probability is between Name han_psalinc_max	% and % (please ente	Survey period	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information
Wording of c	Name han_psalinc_max question	% and % (please ente	Survey period	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct
Wording of c	Name han_psalinc_max question	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"*	Survey period	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter
Wording of c	Name han_psalinc_max question	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"*	Survey period West and East 01/2019 to 07/2022	Denoted lower bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the
Wording of c	Name han_psalinc_max question	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"*	Survey period West and East 01/2019 to 07/2022	Denoted lower bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
Wording of c	Name han_psalinc_max question	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"*	Survey period West and East 01/2019 to 07/2022	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
Wording of c	Name han_psalinc_max question	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"*	Survey period West and East 01/2019 to 07/2022	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second
Wording of c	Name han_psalinc_max question	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"*	Survey period West and East 01/2019 to 07/2022	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
Wording of cosince 01/2019 How do you eva	Name han_psalinc_max question	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"*	Survey period West and East 01/2019 to 07/2022 Per integral numbers)	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the higher one of the two denoted values
Wording of c since 01/2019 How do you eva	Name han_psalinc_max question aluate the probability that the probability is between	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"* % and % (please ente	Survey period West and East 01/2019 to 07/2022 er integral numbers)	Denoted lower bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the higher one of the two denoted values
Wording of c	Name han_psalinc_max question aluate the probability that the probability is between Name han_psalinc_sv	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"* % and % (please enter)	Survey period West and East 01/2019 to 07/2022 Per integral numbers)	Denoted lower bound: probability of sales increase next quarter ""k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the higher one of the two denoted values
Wording of c	Name han_psalinc_max question aluate the probability that the probability is between Name han_psalinc_sv	Label upper bound: probability of sales increase - next quarter sales in your field increase in quarter "k"* % and % (please ente	Survey period West and East 01/2019 to 07/2022 er integral numbers)	Denoted lower bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the lower one of the two denoted values Survey frequency Jan, Apr, Jul, Oct Further information Denoted upper bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the higher one of the two denoted values

How do you evaluate the probability that			-1
probabilit	the sales in your field increase in quarter "k"* ty is		*"k" either denotes the following quarter or the current qu
	, ,, , , , , , , , , , , , , ,		Example: If the question was posed at the end of the fourth quarter,
			the question refers to the following first quarter. If it is pos the beginning of the second quarter it refers to the second quarter
			Further notes:
			If only one value is inserted it is contained within this varia
Name	Label	Survey period	Survey frequency
han_psalstead Wording of question	probability of steady sales - next quarter	West and East 01/2019 to 07/2022	Jan, Apr, Jul, Oct
			Further information
since 01/2019			Probability of steady sales next quarter
How do you evaluate the probability of st			
probabilit			*"k" either denotes the following quarter or the current questions are supported by the current
probability is between I don't know [3		nter integral numbers) [2]	If the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is po the beginning of the second quarter it refers to the second quarter
			Further notes:
			[1] = A value was stated [2] = range of values was stated
			[3] = "I don't know"was stated
Name	Label	Survey period	Survey frequency
han psalstead min	lower bound: probability of steady sales - next quarter	West and East 01/2019 to 07/2022	Jan, Apr, Jul, Oct
Wording of question	ioner bound, probability of steady sales intercapation	West and Last 01/2013 to 07/2022	Jan, Apr, Jul, Oct
wording or question			Further information
since 01/2019			Denoted lower bound: Probability of steady sales next qua
How do you evaluate the probability of st			
probability is between	en% and% (please en	nter integral numbers)	*"k" either denotes the following quarter or the current q Example:
			If the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is po the beginning of the second quarter it refers to the secon quarter
			Further notes:
			The variable indicates the lower one of the two denoted v
Name	Label	Survey period	Survey frequency
han_psalstead_max	upper bound: probability of steady sales - next quarter	West and East 01/2019 to 07/2022	Jan, Apr, Jul, Oct
Wording of question			
			Further information
since 01/2019	and a sale is a source field in a consider (ILIIIA)		
How do you evaluate the probability of st		nter integral numbers)	Denoted upper bound: Probability of steady sales next qu
		nter integral numbers)	Denoted upper bound: Probability of steady sales next qu *"k" either denotes the following quarter or the current q Example:
How do you evaluate the probability of st		nter integral numbers)	Denoted upper bound: Probability of steady sales next qua- *"k" either denotes the following quarter or the current q Example: If the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is po
How do you evaluate the probability of st		nter integral numbers)	Denoted upper bound: Probability of steady sales next qui ""k" either denotes the following quarter or the current q Example: If the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is po the beginning of the second quarter it refers to the secon
How do you evaluate the probability of st		nter integral numbers)	Denoted upper bound: Probability of steady sales next quitable. *"k" either denotes the following quarter or the current quarters are the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is pothe beginning of the second quarter it refers to the second quarter. Further notes:
How do you evaluate the probability of st		nter integral numbers)	Denoted upper bound: Probability of steady sales next quitable. *"k" either denotes the following quarter or the current quarters are the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is pothe beginning of the second quarter it refers to the second quarter. Further notes:
How do you evaluate the probability of st		nter integral numbers) Survey period	Denoted upper bound: Probability of steady sales next quitable. *"k" either denotes the following quarter or the current quarters are the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is pothe beginning of the second quarter it refers to the second quarter. Further notes:
How do you evaluate the probability of str probability is betwe Name han_psalstead_sv	en		Denoted upper bound: Probability of steady sales next quitable indicates the following quarter or the current quarter or the current quarter if the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is pothe beginning of the second quarter it refers to the second quarter. Further notes: The variable indicates the higher one of the two denoted the second quarter.
How do you evaluate the probability of steep probability is between the probability of steep probability is between the probability is between the probability of steep probability is between the probability of steep probability is between the probability is betwee	en% and% (please en	Survey period	Denoted upper bound: Probability of steady sales next quitable indicates the following quarter or the current quarter the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is pothe beginning of the second quarter it refers to the second quarter. Further notes: The variable indicates the higher one of the two denoted of the second quarter. Survey frequency Jan, Apr, Jul, Oct
How do you evaluate the probability of str probability is betwe Name han_psalstead_sv	en% and% (please en	Survey period	Denoted upper bound: Probability of steady sales next qu *"k" either denotes the following quarter or the current q Example: If the question was posed at the end of the fourth quarter the question refers to the following first quarter. If it is p the beginning of the second quarter it refers to the secon quarter Further notes: The variable indicates the higher one of the two denoted Survey frequency Jan, Apr, Jul, Oct Further information
Name han_psalstead_sv Wording of question	Label single value: probability of steady sales - next quarter	Survey period	Denoted upper bound: Probability of steady sales next questive denotes the following quarter or the current question refers to the following first quarter. If it is possible beginning of the second quarter it refers to the second quarter. Further notes: The variable indicates the higher one of the two denoted of the second quarter. Survey frequency Jan, Apr, Jul, Oct
Name han_psalstead_sv Wording of question	Label single value: probability of steady sales - next quarter eady sales in your field in quarter "k"*?	Survey period	Denoted upper bound: Probability of steady sales next qua ""k" either denotes the following quarter or the current quexample: If the question was posed at the end of the fourth quarter, the question refers to the following first quarter. If it is post the beginning of the second quarter it refers to the second quarter Further notes: The variable indicates the higher one of the two denoted very survey frequency Jan, Apr, Jul, Oct Further information

the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
Further notes:
If only one value is inserted it is contained within this variable

Name	Label	Survey period	Survey frequency
han_psaldec	probability of sales decrease - next quarter	West and East 01/2019 to 07/2022	Jan, Apr, Jul, Oct
Wording of question			
since 01/2019			Further information
How do you evaluate the probability that yo	our sales decrease in quarter "k"*		Probability of sales decrease next quarter
probability	is% (please enter integral numbers) [1]		*"k" either denotes the following quarter or the curr
probability is between	% and % (please ent	er integral numbers) [2]	Example: If the question was posed at the end of the fourth qu
I don't know [3]			the question refers to the following first quarter. If it the beginning of the second quarter it refers to the s
			quarter
			Further notes: [1] = A value was stated
			[2] = range of values was stated [3] = "I don't know"was stated
Name	lower bound: probability of sales decrease - next quarter	Survey period	Survey frequency
han_psaldec_min Wording of question	lower bound, probability of sales decrease - next quarter	West and East 01/2019 to 07/2022	Jan, Apr, Jul, Oct
wording or question			Further information
since 01/2019			Denoted lower bound: Probability of sales decrease
How do you evaluate the probability that yo			
probability is between	% and % (please ent	er integral numbers)	*"k" either denotes the following quarter or the cur Example:
			If the question was posed at the end of the fourth question refers to the following first quarter. If it
			the beginning of the second quarter it refers to the squarter
			Further notes:
			The variable indicates the lower one of the two dend
Name	Label	Survey period	Survey frequency
han_psaldec_max	upper bound: probability of sales decrease - next quarter	West and East 01/2019 to 07/2022	Jan, Apr, Jul, Oct
Wording of question			
			Further information
since 01/2019			Denoted upper bound: Probability of sales decrease
How do you evaluate the probability that yo			
probability is between	% (please ent	er integral numbers)	*"k" either denotes the following quarter or the curr Example:
			If the question was posed at the end of the fourth question refers to the following first quarter. If it the beginning of the second quarter it refers to the squarter.
			Further notes:
			The variable indicates the higher one of the two den
Nove	1.1.1		
Name han_psaldec_sv	single value: probability of sales decrease - next quarter	Survey period West and East 01/2019 to 07/2022	Survey frequency Jan, Apr, Jul, Oct
Wording of question	The second of th	West and East 01/2015 to 07/2022	Jan, ж рг, Jul, Осс
- .			Further information
since 01/2019			Single value: Probability of sales decrease next quart
How do you evaluate the probability that yo			
probability	is % (please enter integral numbers)		*"k" either denotes the following quarter or the curr Example:
			If the question was posed at the end of the fourth qu the question refers to the following first quarter. If it
			the question refers to the following first quarter. If the beginning of the second quarter it refers to the

If only one value is inserted it is contained within this variable

	Name	Label	Survey period	Survey frequency
	han_csal_nybc_v	values: best case//percentage change of sales in field xy - next year	East and West since 10/2022	Oct, Apr
Wording of q	question	, cu		
	nge sales in your field in 2022 co best case:	ompared to 20XX?		Further information Value: Change in sales in the next year in field XY (best case) *202Z means the upcoming year e.g.: Question was asked in 2022: 202Z=2023 **20XX means the current year e.g.: Question was asked in 2022: 20XX=2022
	Name	Label	Survey period	Survey frequency
	han_csal_nywc_v	values: worst case//percentage change of sales in field xy - next year	East and West since 10/2022	Oct, Apr
Wording of q	question			
since 10/2022				Further information Value: Change in sales in the next year in field XY (worst case)
	nge sales in your field in 2022 of worst case:	mpared to 20XX? % (integers, positive or negative)		*20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023
				**20XX means the current year e.g.: Question was asked in 2022: 20XX=2022
	Name	Label	Survey period	Survey frequency
	han_csal_nyac_v	values: average case//percentage change of sales in field xy -	East and West since 10/2022	Oct, Apr
144 C -		next year		
wording of q	question			
	question			Further information
since 10/2022		ompared to 20XX?		Further information Value: Change in sales in the next year in field XY (average case)
since 10/2022 Percentage chan	nge sales in your field in 2022 or Taking into account all opportunities and risks, change expected all in all by:	ompared to 20XX? % (integers, positive or negative)		
since 10/2022 Percentage chan	nge sales in your field in 2022 co Taking into account all opportunities and risks,			Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022:
since 10/2022 Percentage chan	nge sales in your field in 2022 co Taking into account all opportunities and risks,			Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=20Z3 **20XX means the current year e.g.: Question was asked in 2022:
since 10/2022 Percentage chan	nge sales in your field in 2022 co Taking into account all opportunities and risks,		Survey period	Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20XX means the current year e.g.: Question was asked in 2022:
since 10/2022 Percentage chan	nge sales in your field in 2022 of Taking into account all opportunities and risks, change expected all in all by: Name han_csal_nybc_notkno w	% (integers, positive or negative)		Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20XX means the current year e.g.: Question was asked in 2022: 20XX=2022
Percentage chan	nge sales in your field in 2022 of Taking into account all opportunities and risks, change expected all in all by: Name han_csal_nybc_notkno w	% (integers, positive or negative) Label values: best case//percentage change of sales in field xy - next		Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20XX means the current year e.g.: Question was asked in 2022: 20XX=2022 Survey frequency
Percentage chan Wording of q	nge sales in your field in 2022 of Taking into account all opportunities and risks, change expected all in all by: Name han_csal_nybc_notkno w	% (integers, positive or negative) Label values: best case//percentage change of sales in field xy - next year - dont know		Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20XX means the current year e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct, Apr Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022:
since 10/2022 Percentage chan Wording of q since 10/2022 Percentage chan	nge sales in your field in 2022 co Taking into account all opportunities and risks, change expected all in all by: Name han_csal_nybc_notkno w question	% (integers, positive or negative) Label values: best case//percentage change of sales in field xy - next year - dont know		Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20XX means the current year e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct, Apr Further information *20ZZ means the upcoming year
Wording of q	nge sales in your field in 2022 co Taking into account all opportunities and risks, change expected all in all by: Name han_csal_nybc_notkno w question	% (integers, positive or negative) Label values: best case//percentage change of sales in field xy - next year - dont know		Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20XX means the current year e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct, Apr Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=20Z3 **20XX means the current year e.g.: Question was asked in 2022:
since 10/2022 Percentage chan Wording of q since 10/2022 Percentage chan	nge sales in your field in 2022 co Taking into account all opportunities and risks, change expected all in all by: Name han_csal_nybc_notkno w question	% (integers, positive or negative) Label values: best case//percentage change of sales in field xy - next year - dont know		Value: Change in sales in the next year in field XY (average case) *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20XX means the current year e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct, Apr Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=20Z3 **20XX means the current year e.g.: Question was asked in 2022:

Wording of				
	question			
since 10/2022				Further information
since 10/2022				
Percentage cha	ange sales in your field in 20ZZ o	compared to 20XX? Dont know:		*2077
	worst case:	Dont know [1]		*20ZZ means the upcoming year e.g.: Question was asked in 2022:
				20ZZ=2023
				**20XX means the current year
				e.g.: Question was asked in 2022:
				20XX=2022
	Name	Label	Survey period	Survey frequency
			54.1C, p.1	2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
	han_csal_nyac_notkno	values: average case//percentage change of sales in field xy -	East and West since 10/2022	Oct, Apr
	w	next year - dont know	Edst dila Mest since 10/2022	Οεί, Αρί
Wording of		•		
	40			·
since 10/2022				Further information
SINCE 10/2022				
Percentage cha	ange sales in your field in 20ZZ o	compared to 20XX? Dont know:		_
	Taking into account all			*20ZZ means the upcoming year e.g.: Question was asked in 2022:
	opportunities and risks,			20ZZ=2023
	change expected all in all:	Dont know [1]		
				**20XX means the current year
				e.g.: Question was asked in 2022:
				20XX=2022
	Name	Label	Survey period	Survey frequency
	110	Luser	Survey period	Surrey , 1124, 1137, 11
	han_csal_ny_txt	percentage change of sales in field xy - next year - comment	East and West since 10/2022	Oct, Apr
	nan_csal_ny_txt	percentage change of sales in held xy mexcyest	Edst and west since 10/2022	Ост, Арг
Wording of	question			
				I
since 10/2022				Further information
Percentage cha	ange sales in your field in 2022 o	compared to 20XX? Comment text		*20ZZ means the upcoming year
				e.g.: Question was asked in 2022:
				20ZZ=2023
				**20XX means the current year
				e.g.: Question was asked in 2022:
				e.g.: Question was asked in 2022:
				e.g.: Question was asked in 2022: 20XX=2022
	Name	Label	Survey period	e.g.: Question was asked in 2022:
				e.g.: Question was asked in 2022: 20XX=2022 Survey frequency
	Name han_csal_n3ybc_v	values: best case//percentage change of sales in field xy - next		e.g.: Question was asked in 2022: 20XX=2022
	han_csal_n3ybc_v			e.g.: Question was asked in 2022: 20XX=2022 Survey frequency
Wording of	han_csal_n3ybc_v	values: best case//percentage change of sales in field xy - next		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency
	han_csal_n3ybc_v	values: best case//percentage change of sales in field xy - next		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency
Wording of	han_csal_n3ybc_v	values: best case//percentage change of sales in field xy - next		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct
since 10/2022	han_csal_n3ybc_v question	values: best case//percentage change of sales in field xy - next		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV?		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year
since 10/2022	han_csal_n3ybc_v question	values: best case//percentage change of sales in field xy - next 3 years		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022:
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV?		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV?		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV?		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV?		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV?		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV?		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022:
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field best case:	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 202Z to 20VV? (integers, positive or negative)	East and West since 10/2022	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VY=2026 Average annual rate of change
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV?		e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field best case:	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 202Z to 20VV? % (integers, positive or negative)	East and West since 10/2022 Survey period	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026 Average annual rate of change
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field best case:	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 202Z to 20VV? (integers, positive or negative)	East and West since 10/2022	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VY=2026 Average annual rate of change
since 10/2022 Percentage cha	han_csal_n3ybc_v question ange in annual sales in your field best case: Name han_csal_n3ywc_v	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV? % (integers, positive or negative) Label values: worst case//percentage change of sales in field xy -	East and West since 10/2022 Survey period	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026 Average annual rate of change
since 10/2022	han_csal_n3ybc_v question ange in annual sales in your field best case: Name han_csal_n3ywc_v	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV? % (integers, positive or negative) Label values: worst case//percentage change of sales in field xy -	East and West since 10/2022 Survey period	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026 Average annual rate of change Survey frequency Oct
since 10/2022 Percentage cha	han_csal_n3ybc_v question ange in annual sales in your field best case: Name han_csal_n3ywc_v	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV? % (integers, positive or negative) Label values: worst case//percentage change of sales in field xy -	East and West since 10/2022 Survey period	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026 Average annual rate of change
since 10/2022 Percentage cha	han_csal_n3ybc_v question ange in annual sales in your field best case: Name han_csal_n3ywc_v	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV? % (integers, positive or negative) Label values: worst case//percentage change of sales in field xy -	East and West since 10/2022 Survey period	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026 Average annual rate of change Survey frequency Oct
wording of	han_csal_n3ybc_v question ange in annual sales in your field best case: Name han_csal_n3ywc_v question	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 20ZZ to 20VV? % (integers, positive or negative) Label values: worst case//percentage change of sales in field xy -	East and West since 10/2022 Survey period	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026 Average annual rate of change Survey frequency Oct Further information
wording of	han_csal_n3ybc_v question ange in annual sales in your field best case: Name han_csal_n3ywc_v question	values: best case//percentage change of sales in field xy - next 3 years d averaged over the three years 202Z to 20VV? % (integers, positive or negative) Label values: worst case//percentage change of sales in field xy - next 3 years	East and West since 10/2022 Survey period	e.g.: Question was asked in 2022: 20XX=2022 Survey frequency Oct Further information *20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026 Average annual rate of change Survey frequency Oct

				20ZZ=2023
				**20VV means the year in four years e.g.: Question was asked in 2022:
				20VV=2026
				Average annual rate of change
	Name	Label	Survey period	Survey frequency
	han_csal_n3yac_v	values: average case//percentage change of sales in field xy -	East and West since 10/2022	Oct
Wording of	faunction	next 3 years		
wording or	question			
since 10/2022				Further information
		d averaged over the three years 2022 to 20VV?		
rercentage cir		u averaged over the timee years 2022 to 2000:		*20ZZ means the upcoming year
	Taking into account all opportunities and risks,			e.g.: Question was asked in 2022: 20ZZ=2023
	change expected all in all:	% (integers, positive or negative)		
				**20VV means the year in four years
				e.g.: Question was asked in 2022: 20VV=2026
				Average annual rate of change
				recesse annual race of change
	Name	Label	Survey period	Survey frequency
	han_csal_n3ybc_notkn	values: best case//percentage change of sales in field xy - nex	East and West since 10/2022	Oct
	ow	3 years - dont know		
Wording of	fquestion			
10/0000				Further information
ince 10/2022				
ercentage ch	nange in annual sales in your field	d averaged over the three years 20ZZ to 20VV? Dont know:		*20ZZ means the upcoming year
	best case:	Dont know [1]		e.g.: Question was asked in 2022: 20ZZ=2023
				2022=2023
				**20VV means the year in four years
				e.g.: Question was asked in 2022:
				20VV=2026
				Average annual rate of change
	Name	Labal	Constructed	6
	Name	Label	Survey period	Survey frequency
	han_csal_n3ywc_notkn	values: worst case//percentage change of sales in field xy -	East and West since 10/2022	Oct
	ow	next 3 years - dont know	East and **CSt 5incc 10/2022	oct .
Wording of	fquestion			
				Further information
since 10/2022				
Percentage ch	nange in annual sales in your field	d averaged over the three years 20ZZ to 20VV? Dont know:		*2077 m cons the unexperience
	worst case:	Dont know [1]		*20ZZ means the upcoming year e.g.: Question was asked in 2022:
				20ZZ=2023
				**20VV means the year in four years
				e.g.: Question was asked in 2022:
				20VV=2026
				Average annual rate of change
	Name	Label	Survey period	Survey frequency
		values: average case//percentage change of sales in field xy -	East and West since 10/2022	Oct
Nording of	w	next 3 years - dont know		
Wording of	w			le u v f
	w f question			Further information
ince 10/2022	w f question	next 3 years - dont know		Further information
since 10/2022	w f question ange in annual sales in your field			*20ZZ means the upcoming year
since 10/2022	w f question	next 3 years - dont know		
since 10/2022	w f question ange in annual sales in your field Taking into account all	next 3 years - dont know		*20ZZ means the upcoming year e.g.: Question was asked in 2022:
Wording of since 10/2022 Percentage ch	w f question nange in annual sales in your field Taking into account all opportunities and risks,	next 3 years - dont know d averaged over the three years 20ZZ to 20VV? Dont know:		*20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years
since 10/2022	w f question nange in annual sales in your field Taking into account all opportunities and risks,	next 3 years - dont know d averaged over the three years 20ZZ to 20VV? Dont know:		*20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023
ince 10/2022	w f question nange in annual sales in your field Taking into account all opportunities and risks,	next 3 years - dont know d averaged over the three years 20ZZ to 20VV? Dont know:		*20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=2023 **20VV means the year in four years e.g.: Question was asked in 2022:

Name	Label	Survey period	Survey frequency
han_csal_n3y_txt	percentage change of sales in field xy - next 3 years - comment	East and West since 10/2022	Oct
Wording of question			
since 10/2022 Percentage change in annual sales in yo	our field averaged over the three years 202Z to 20VV? Comment text		*20ZZ means the upcoming year e.g.: Question was asked in 2022: 20ZZ=20Z3 **20VV means the year in four years e.g.: Question was asked in 2022: 20VV=2026
			Average annual rate of change
Name	Label	Survey period	Survey frequency
han_csal_ly Wording of question	values: percentage change of sales in field xy - last year	East and West since 04/2023	Apr
since 04/2023 Percentage change of sales in your field Change:	d in 202Z compared to 20YY? (please enter integers, positive or negative)	Further information Value: Change in sales in the last year in field XY *20ZZ means the last year e.g.: Question was asked in 2023: 20ZZ=2022 **20YY means penultimate year e.g.: Question was asked in 2023: 20YY=2021
Name	Label	Survey period	Survey frequency
han_csal_ly_notkr	values: percentage change of sales in field xy - last year - dont know	East and West since 04/2023	Apr
since 04/2023 Percentage change of sales in your field Change:	d in 2022 compared to 20YY? Don't know: Don't know [1]		*20ZZ means the last year e.g.: Question was asked in 2023: 20ZZ=2022 **20YY means penultimate year e.g.: Question was asked in 2023: 20YY=2021
Name	Label	Survey period	Survey frequency
han_csal_ly_txt	percentage change of sales in field xy - last year - comment	East and West since 04/2023	Apr
since 04/2023 Percentage change of sales in your field	d in 20ZZ compared to 20YY? Comment text		Further information *20ZZ means the last year e.g.: Question was asked in 2023: 20ZZ=2022 **20YY means penultimate year
			e.g.: Question was asked in 2023: 20YY=2021
Name	Jahal	Survey period	20YY=2021
Name han_share_online	Label share of retail channels of total sales: online shop	Survey period West and East 08/2019	

08/2019 How large is the share of the following retail channels of your total sales?
<20% [1] 20-40% [2] 41-60% [3] 61-80% [4] >80% [5] not in use [6]
Online shop

	Name		Label			Survey perio		Survey frequency
	han_share_mrktpl		share of retail o	channels of total	l sales: market	West and Ea	ast 08/2019	once
			piace					
Wording o	f question							
								Further information
08/2019								
	How large is the share of the fo	ollowing retail c l	hannels of your	total sales?				
		<20% [1]	20-40% [2]	41-60% [3]	61-80% [4]	>80% [5]	not in use [6]	
	Market places/ platform							
								1
	Name		Label			Survey perio	od	Survey frequency
	han_mrktpl_num			of importance o	of market	West and Ea	ast 08/2019	once
			places: number					
Wording o	f question							
Wording o	f question							Further information
Wording o	f question							Further information
	In expectance, how will the imp					for your compar	ny? (1 =	Further information
						for your compar	ny? (1 =	Further information
	In expectance, how will the imp		1 = rather increa	se, 5 = increase)				Further information
	In expectance, how will the imp					for your compar 4 [4]	n y ? (1 = 5 [5]	Further information
	In expectance, how will the imp	3 = no change, 4	1 = rather increa	se, 5 = increase)				Further information
	In expectance, how will the imp decrease, 2 = rather decrease, 2	3 = no change, 4	1 = rather increa	se, 5 = increase)				Eurther information
	In expectance, how will the imp decrease, 2 = rather decrease, 2	3 = no change, 4	1 = rather increa	se, 5 = increase)				Further information
	In expectance, how will the imp decrease, 2 = rather decrease, 2	3 = no change, 4	1 = rather increa	se, 5 = increase)		4 [4]	5 [5]	
	In expectance, how will the imp decrease, 2 = rather decrease, 3	3 = no change, 4	1 = rather increas	se, 5 = increase)			5 [5]	Further information Survey frequency
	In expectance, how will the imp decrease, 2 = rather decrease, 3	3 = no change, 4	1 [1] Label	se, 5 = increase)	3 [3]	4 [4]	5 [5]	
	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/	3 = no change, 4	1 [1]	2 [2]	3 [3]	4 [4] Survey perio	5 [5]	Survey frequency
	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/ Name han_mrktpl_sales	3 = no change, 4	1 [1] Label	2 [2]	3 [3]	4 [4] Survey perio	5 [5]	Survey frequency
08/2019	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/ Name han_mrktpl_sales	3 = no change, 4	1 [1] Label	2 [2]	3 [3]	4 [4] Survey perio	5 [5]	Survey frequency
08/2019	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/ Name han_mrktpl_sales	3 = no change, 4	1 [1] Label	2 [2]	3 [3]	4 [4] Survey perio	5 [5]	Survey frequency once
08/2019 Wording o	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/ Name han_mrktpl_sales	3 = no change, 4	1 [1] Label developement places: sales	e, 5 = increase) 2 [2] of importance o	3 [3]	4 [4] Survey period West and Ea	5 [5] od ast 08/2019	Survey frequency once
08/2019 Wording o	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/ Name han_mrktpl_sales	3 = no change, 4	1 [1] Label developement places: sales	e, 5 = increase) 2 [2] of importance o	3 [3]	4 [4] Survey period West and Ea	5 [5] od ast 08/2019	Survey frequency once
08/2019 Wording o	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/ Name han_mrktpl_sales	3 = no change, 4	1 [1] Label developement places: sales	e, 5 = increase) 2 [2] of importance o	3 [3] of market the next 5 years	4 [4] Survey period West and Editory for your compare	5 [5] od ast 08/2019	Survey frequency once
08/2019 Wording o	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/ Name han_mrktpl_sales	3 = no change, 4	1 [1] Label developement places: sales	e, 5 = increase) 2 [2] of importance o	3 [3]	4 [4] Survey period West and Ea	5 [5] od ast 08/2019	Survey frequency once
08/2019 Wording o	In expectance, how will the imp decrease, 2 = rather decrease, 3 Number of used market places/ Name han_mrktpl_sales	3 = no change, 4 /platforms	1 [1] Label developement places: sales	e, 5 = increase) 2 [2] of importance o	3 [3] of market the next 5 years	4 [4] Survey period West and Editory for your compare	5 [5] od ast 08/2019	Survey frequency once

Survey period

	han_uncert_tax		West and East 12/2019	once
Wording o	of question			
				Further information
08/2019				
	Demand in your products depends on mult matter make it difficult to estimate future	tiple factors. Please evaluate to which extent unco	ertainties regarding the following	
	matter make it unifcult to estimate luture	demand.		
		no relevance	high relevance	
		[1]	[5]	
	Тах			
	IOA			
	Name	Label	Survey period	Survey frequency
	Name	Label	Survey period	Survey frequency
	han uncert trade	uncertainty in future demand due to: trade	West and East 12/2019	once
		war		
Wording o	of question			
				Further information
08/2019				orale information
		tiple factors. Please evaluate to which extent unco	ertainties regarding the following	
	matter make it difficult to estimate future	demand:		
		no relevance	high relevance	
		[1]	[5]	
	Trade war			
	Name	Label	Survey period	Survey frequency
	han uncert exc	uncertainty in future demand due to:	West and East 12/2019	once
	han_uncert_exc	uncertainty in future demand due to: exchange rate	West and East 12/2019	once
Wording o			West and East 12/2019	once
Wording o			West and East 12/2019	
			West and East 12/2019	once Further information
	of question			
	of question	exchange rate tiple factors. Please evaluate to which extent unco		
Wording o	of question Demand in your products depends on mult	exchange rate tiple factors. Please evaluate to which extent uncodemand:	ertainties regarding the following	
	of question Demand in your products depends on mult	exchange rate tiple factors. Please evaluate to which extent unco		
	of question Demand in your products depends on mult	exchange rate tiple factors. Please evaluate to which extent uncodemand:	ertainties regarding the following high relevance	
	of question Demand in your products depends on mult	exchange rate tiple factors. Please evaluate to which extent uncodemand:	ertainties regarding the following high relevance	
	of question Demand in your products depends on mult matter make it difficult to estimate future	exchange rate tiple factors. Please evaluate to which extent uncodemand:	ertainties regarding the following high relevance	
	of question Demand in your products depends on mult matter make it difficult to estimate future	exchange rate tiple factors. Please evaluate to which extent uncodemand:	ertainties regarding the following high relevance	
	of question Demand in your products depends on mult matter make it difficult to estimate future	exchange rate tiple factors. Please evaluate to which extent uncodemand:	ertainties regarding the following high relevance	
	Demand in your products depends on mult matter make it difficult to estimate future Exchange rate Name	tiple factors. Please evaluate to which extent uncodemand: no relevance [1] Label	high relevance [5]	Further information Survey frequency
	Demand in your products depends on mult matter make it difficult to estimate future Exchange rate	exchange rate tiple factors. Please evaluate to which extent uncodemand: no relevance [1]	high relevance [5]	Further information
08/2019	Demand in your products depends on mult matter make it difficult to estimate future Exchange rate Name han_uncert_econ	exchange rate tiple factors. Please evaluate to which extent uncodemand: no relevance [1] Label uncertainty in future demand due to: general	high relevance [5]	Further information Survey frequency
Wording o	Demand in your products depends on mult matter make it difficult to estimate future Exchange rate Name han_uncert_econ	exchange rate tiple factors. Please evaluate to which extent uncodemand: no relevance [1] Label uncertainty in future demand due to: general	high relevance [5]	Further information Survey frequency
08/2019 Wording o	Demand in your products depends on mult matter make it difficult to estimate future Exchange rate Name han_uncert_econ	exchange rate tiple factors. Please evaluate to which extent uncodemand: no relevance [1] Label uncertainty in future demand due to: general	high relevance [5]	Further information Survey frequency
08/2019	Demand in your products depends on mult matter make it difficult to estimate future Exchange rate Name han_uncert_econ	exchange rate tiple factors. Please evaluate to which extent uncedemand: no relevance [1] Label uncertainty in future demand due to: general economic development	high relevance [5] Survey period West and East 12/2019	Further information Survey frequency once
08/2019 Wording o	Demand in your products depends on mult matter make it difficult to estimate future Exchange rate Name han_uncert_econ	tiple factors. Please evaluate to which extent uncodemand: no relevance [1] Label uncertainty in future demand due to: general economic development	high relevance [5] Survey period West and East 12/2019	Further information Survey frequency once
08/2019 Wording o	Demand in your products depends on mult matter make it difficult to estimate future Exchange rate Name han_uncert_econ of question Demand in your products depends on mult	tiple factors. Please evaluate to which extent uncodemand: no relevance [1] Label uncertainty in future demand due to: general economic development	high relevance [5] Survey period West and East 12/2019	Further information Survey frequency once

Demand in your products depends on multiple factors. Please evaluate to which extent uncertainties regarding the following matter make it difficult to estimate future demand: Name					
Name Label Survey period: sometime forms forms formed on the individual part of part of part of projects of part of projects of part of		Nama	Label	Supray paried	Curron fraguency
Noting of question Part		Name	Label	Survey period	Survey frequency
Demand in your products depend on multiple factors. Please evaluate to which extent secretainties regarding the following under state of efficial to certainted favor demand. Name Label		han_uncert_unempl		West and East 12/2019	once
Demand in your products depend on multiple factors. Please evaluate to which extent secretainties regarding the following under state of efficial to certainted favor demand. Name Label	Wording o	f question			
Democilis your products depends on multiple factors. Please coultant to which extent executanties regarding the following multier make it afficient to estimate from element.		·			Further information
Name Label Survey period Survey frequency Indicator Indicator	08/2019				
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Nording of question Demand in your products depends on multiple factors. Please evaluate to which extent uncertainties regarding the following matter make it difficult to estimate future demand: Name		Name	Label	Survey period	Survey frequency
Demand in your products depends on multiple factors. Please evaluate to which extent uncertainties regarding the following matter make it difficult to estimate future demand: Name		han_uncert_inflation	uncertainty in future demand due to: infla	West and East 12/2019	once
Demand in your products depends on multiple factors. Please evaluate to which extent uncertainties regarding the following matter make it difficult to estimate future demand: Name	A/audia a a	f acception			
Demand in your products depends on multiple factors. Please evaluate to which extent uncertainties regarding the following matter make it difficult to estimate future demand: Name	wording of	f question			
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Name Label Survey period Survey frequency han_uncert_intrate uncertainty in future demand due to: intrate West and East 12/2019 once Nording of question Purther information Further information Further information Further information Further information Survey frequency high relevance [1] Interest rate/EZB monetary policy Name Label Survey period Survey frequency wage on employment West and east 02/2020 once				ncertainties regarding the following	
Name Label Survey period Survey frequency han_uncert_intrate uncertainty in future demand due to: intrate West and East 12/2019 once Nording of question Purther information Further information Further information Further information Further information Survey frequency high relevance [1] Interest rate/EZB monetary policy Name Label Survey period Survey frequency wage on employment West and east 02/2020 once					
Name Label Survey period Survey frequency han_uncert_intrate uncertainty in future demand due to: intrate West and East 12/2019 once Nording of question Further information Further information Further information Further information Further information Survey frequency high relevance [5] Interest rate/EZB monetary policy Name Label Survey period Survey frequency han_wage_agree Parement on effect of European minimum wage on employment West and east 02/2020 once					
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han_uncert_intrate uncertainty in future demand due to: Intrate West and East 12/2019 once Wording of question Further information					
han_uncert_intrate uncertainty in future demand due to: Intrate West and East 12/2019 once Wording of question Further information					
Nording of question Boundary Further information		Name	Label	Survey period	Survey frequency
Demand in your products depends on multiple factors. Please evaluate to which extent uncertainties regarding the following matter make it difficult to estimate future demand:		han uncort intrato	uncertainty in future demand due to: intri		
Demand in your products depends on multiple factors. Please evaluate to which extent uncertainties regarding the following matter make it difficult to estimate future demand:		nan_uncert_intrate	uncertainty in ruture demand due to. men	ate West and East 12/2019	once
Demand in your products depends on multiple factors. Please evaluate to which extent uncertainties regarding the following matter make it difficult to estimate future demand: Name		nan_uncert_intrate	ancertainty in ratare demand due to: men	ate West and East 12/2019	once
Name Label Survey period Survey frequency han_wage_agree agreement on effect of European minimum wage on employment West and east 02/2020 once	Nording o		ance tainly in date definant due to inter-	West and East 12/2019	once
Name Label Survey period Survey frequency han_wage_agree agreement on effect of European minimum wage on employment West and east 02/2020 once	Wording of 08/2019		ance tainly in date demand due of inch	West and East 12/2019	
Name Label Survey period Survey frequency han_wage_agree agreement on effect of European minimum wage on employment West and east 02/2020 once		f question Demand in your products depends on multi	iple factors. Please evaluate to which extent ur		
Name Label Survey period Survey frequency han_wage_agree agreement on effect of European minimum wage on employment West and east 02/2020 once		f question Demand in your products depends on multi	iple factors. Please evaluate to which extent ur		
Name Label Survey period Survey frequency han_wage_agree agreement on effect of European minimum wage on employment West and east 02/2020 once		f question Demand in your products depends on multi	ple factors. Please evaluate to which extent ur demand:	ncertainties regarding the following high relevance	
han_wage_agree agreement on effect of European minimum wage on employment West and east 02/2020 once		f question Demand in your products depends on multimatter make it difficult to estimate future of	ple factors. Please evaluate to which extent ur demand:	ncertainties regarding the following high relevance	
han_wage_agree agreement on effect of European minimum wage on employment West and east 02/2020 once		f question Demand in your products depends on multimatter make it difficult to estimate future of	ple factors. Please evaluate to which extent ur demand:	ncertainties regarding the following high relevance	
wage on employment		f question Demand in your products depends on multimatter make it difficult to estimate future of	ple factors. Please evaluate to which extent ur lemand: no relevance	ncertainties regarding the following high relevance	
		f question Demand in your products depends on multimatter make it difficult to estimate future of the products of the products depends on multimatter make it difficult to estimate future of the products of	ple factors. Please evaluate to which extent ur lemand: no relevance	ncertainties regarding the following high relevance [5]	Further information
vorunig or question		Demand in your products depends on multi-matter make it difficult to estimate future of interest rate/EZB monetary policy Name Label	iple factors. Please evaluate to which extent ur demand: no relevance [1] agreement on effect of European minimu	high relevance [5] Survey period	Further information Survey frequency
	08/2019	Demand in your products depends on multi matter make it difficult to estimate future of interest rate/EZB monetary policy Name Label han_wage_agree	iple factors. Please evaluate to which extent ur demand: no relevance [1] agreement on effect of European minimu	high relevance [5] Survey period	Further information Survey frequency

The introduction work.	on of a european	ı minimum wag	e of 12 Euros pe	r hour would ma	ake it substantia	lly more difficult
	Fully agree [1]	Agree [2)	Uncertain [3]	Do not agree [4]	Do not agree at all [5]	No opinion [6]
Name		Label				Survey perio

N	lame		Label				Survey period	Survey frequency
hawarding of qu	an_wage_l	know		pre-knowledge wage	on the subject o	of minimum	West and east 02,	2/2020 once
Feb 20 Pl		r pre-knowledge	e on this subject	t. (number from 3	1 to 10)			Further information only online
N	lame		Label				Survey period	Survey frequency
h	an_ref_agr	ree			positive econom ropean populati		West and east 02,	2/2020 once
Wording of qu	iestion			- "				
Feb 20	the next 10 y	rears, the europ	ean popultion w	vill benefit econo	omically from th	e inflow of refu	gees since 2015.	Further information only online
		Fully agree [1]	Agree [2)	Uncertain [3]	Do not agree [4]	Do not agree at all [5]	No opinion [6]	
N	lame		Label				Survey period	Survey frequency
	idific		Label				Survey period	Survey nequency
Wording of qu	an_ref_kno	ow		pre-knowledge economic effec	on the subject o	of refugee's	West and east 02,	2/2020 once
Feb 20	ease rate you	r pre-knowledgo	e on this subject	t.				Further information only online
In	flow of refuge	ees:		(number from 1	1 to 10)			
N	lame		Label				Survey period	Survey frequency
h	an_robot_a	agree		agreement on e	effect of robots a	and AI on long-	West and east 02, West and east 11,	2/2020 once
Wording of qu	uestion							
								Further information

Fully agree [1]	Agree [2)	Uncertain [3]	Do not agree [4]	Do not agree at all [5]	No opinion [6]
		·			

	Name		Label		Survey period	Survey frequency
					The state of period	our rey frequency
	han_robot_	know		pre-knowledge on subject of robots and Al	West and east 02/2020 West and east 11/2021	once
Wording of	question				vvest dilu edst 11/2021	once
			<u> </u>			
						Further information
Feb 20						only online
	Please rate you	ır pre-knowledge	on this subject			
	Robots and arti	ificial		1		
	intelligence:			(number from 1 to 10)		
	Name		Label		Survey period	Survey frequency
	INATITE		Label		Survey period	Survey frequency
	han_retiren	n_agree		agreement on effect of increase in retirement	West and east 02/2020	once
				age		
Wording of	question					
	- acouon		<u> </u>			
						Further information
Feb 20)					only online
				an 65 years is increasing. Thus, the society wou	ald benefit from an increase in the retirement	
		uld better reflect				
		Fully agree [1]	Agree [2)	Uncertain [3] Do not agree Do not agree	No opinion [6]	
				[4] at all [5]		
					<u></u>	
	Name		Lahel		Survey period	Survey frequency
	Name		Label		Survey period	Survey frequency
			Label			
	Name han_retiren	n_know	Label	pre-knowledge on subject of retirement age	Survey period West and east 02/2020	Survey frequency once
Wording of	han_retiren	n_know	Label	pre-knowledge on subject of retirement age		
Wording of	han_retiren	n_know	Label	pre-knowledge on subject of retirement age		
	han_retiren	n_know	Label	pre-knowledge on subject of retirement age		once Further information
Wording of	han_retiren					once
	han_retiren	n_know ur pre-knowledge				once Further information
	han_retiren					once Further information
	han_retiren question Please rate you	ır pre-knowledge				once Further information
	han_retiren question Please rate you	ır pre-knowledge				once Further information
	han_retiren question Please rate you	ır pre-knowledge				once Further information
	han_retiren question Please rate you	ır pre-knowledge				once Further information
	han_retiren question Please rate you	ır pre-knowledge				once Further information
	han_retiren question Please rate you	ır pre-knowledge				once Further information
	han_retiren question Please rate you Increase in the age:	ır pre-knowledge retirement	e on this subject	(number from 1 to 10)	West and east 02/2020 Survey period	once Further information only online Survey frequency
	han_retiren question Please rate you Increase in the age:	ır pre-knowledge retirement	e on this subject		West and east 02/2020 Survey period West and east 02/2020	Further information only online Survey frequency once
	han_retiren question Please rate you Increase in the age:	ır pre-knowledge retirement	e on this subject	(number from 1 to 10)	West and east 02/2020 Survey period	once Further information only online Survey frequency
	han_retiren question Please rate you Increase in the age: Name han_move_	ır pre-knowledge retirement	e on this subject	(number from 1 to 10)	West and east 02/2020 Survey period West and east 02/2020	Further information only online Survey frequency once
Feb 20	han_retiren question Please rate you Increase in the age: Name han_move_	ır pre-knowledge retirement	e on this subject	(number from 1 to 10)	West and east 02/2020 Survey period West and east 02/2020	Further information only online Survey frequency once once
Feb 20	nan_retiren question Please rate you Increase in the age: Name han_move_	ır pre-knowledge retirement	e on this subject	(number from 1 to 10)	West and east 02/2020 Survey period West and east 02/2020	Further information only online Survey frequency once once
Feb 20	nan_retiren question Please rate you Increase in the age: Name han_move_	ır pre-knowledge retirement	e on this subject	(number from 1 to 10)	West and east 02/2020 Survey period West and east 02/2020	Further information only online Survey frequency once once
Feb 20	han_retiren question Please rate you Increase in the age: Name han_move_	ir pre-knowledge retirement ,agree	e on this subject	(number from 1 to 10)	West and east 02/2020 Survey period West and east 02/2020 West and east 11/2021	Further information only online Survey frequency once once

	Fully agree [1]	Agree [2)	Uncertain [3]	Do not agree [4]	Do not agree at all [5]	No opinion [6]	

Name	L	Label				Survey perio	od			Survey frequency	
han_move	_know		pre-knowledge	on free movem	ent of people	West and ea				once	
Wording of question						West and ea	ist 11/2021			once	
Feb 20									Further informati only online	on	
Please rate yo	ur pre-knowledge	on this subject									
Free moveme	nt of people:		(number from 1	1 to 10)							
Name	L	Label				Survey perio	od			Survey frequency	
han_merge	or agree		agreement on r	mergers of comp	nanies to	West and ea	oc+ 02/2020			once	
nan_merge	i_agiee		european cham		odinies to	West and ea				once	
Vording of question											
									F		
Feb 20									Further informati only online	UII .	
	na and other states										
benefit from t competion.	he authorization of	t mergers of co	ompanies to eur	opean champio	ons by the euro	oean authorities,	even if this weak	ens the			
	Fully agree [1]	Agree [2)	Uncertain [3]	Do not agree [4]	Do not agree at all [5]	No opinion [6]					
				[4]	at an [5]						
Name		ahel				Survey perio	nd			Survey frequency	
Name	ı	Label				Survey perio	od			Survey frequency	
Name				on mergers to e	european	West and ea	est 02/2020			Survey frequency	
han_merge			pre-knowledge champions	on mergers to e	european		est 02/2020				
han_merge				on mergers to e	european	West and ea	est 02/2020		Further informati	once once	
han_merge Wording of question Feb 20	er_know		champions	on mergers to e	european	West and ea	est 02/2020		Further informati	once once	
han_merge Vording of question Feb 20			champions	on mergers to e	european	West and ea	est 02/2020			once once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu	er_know ur pre-knowledge (champions		european	West and ea	est 02/2020			once once	
han_merge Wording of question Feb 20 Please rate yo	er_know ur pre-knowledge (champions		european	West and ea	est 02/2020			once once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu	er_know ur pre-knowledge (champions		european	West and ea	est 02/2020			once once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu champions:	er_know ur pre-knowledge o	on this subject	champions		european	West and ea	ist 02/2020 ist 11/2021			once once	
han_merge /ording of question Feb 20 Please rate yo Mergers to eu	er_know ur pre-knowledge o		champions		european	West and ea	ist 02/2020 ist 11/2021			once once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu champions:	er_know ur pre-knowledge o	on this subject	. (number from :	1 to 10)		West and ea	sst 02/2020 sst 11/2021			once once	
han_merge /ording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_	er_know ur pre-knowledge o	on this subject	. (number from :	1 to 10)		West and ea	sst 02/2020 sst 11/2021			once once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_	er_know ur pre-knowledge o	on this subject	(number from :	1 to 10)		West and ea	sst 02/2020 sst 11/2021		only online	once once	
han_merge /ording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_	er_know ur pre-knowledge o	on this subject	(number from :	1 to 10)		West and ea	sst 02/2020 sst 11/2021		Further informati	once once	
han_merge ording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_ ording of question	er_know ur pre-knowledge o	on this subject	(number from 3	1 to 10) nomics and deba	ites of	West and ea	sst 02/2020 sst 11/2021		only online Further informati	once once on Survey frequency once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_ Vording of question Feb 20	ur pre-knowledge o	on this subject	(number from : interest in econeconomic police	1 to 10) nomics and deba y of economic polic	ites of	West and ea	sst 02/2020 sst 11/2021		Further informati	once once on Survey frequency once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_ Vording of question	ur pre-knowledge o	on this subject	(number from 3	1 to 10) nomics and deba y of economic polic	ites of	West and ea	sst 02/2020 sst 11/2021		Further informati	once once on Survey frequency once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_ Vording of question	ur pre-knowledge o	on this subject	(number from : interest in econeconomic police	1 to 10) nomics and deba y of economic polic	ites of	West and ea	sst 02/2020 sst 11/2021		Further informati	once once on Survey frequency once	
han_merge Wording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_ Wording of question	ur pre-knowledge o	on this subject	(number from : interest in econeconomic police	1 to 10) nomics and deba y of economic polic	ites of	West and ea	sst 02/2020 sst 11/2021		Further informati	once once on Survey frequency once	
han_merge Vording of question Feb 20 Please rate yo Mergers to eu champions: Name han_econ_ Vording of question	er_know ur pre-knowledge of rropean L interest nt are you interest	on this subject	(number from : interest in econeconomic police	1 to 10) nomics and deba y of economic polic	ites of	West and ea	sist 02/2020 sist 11/2021 and d		Further informati	once once on Survey frequency once	
han_merge Vording of question Feb 20 Please rate you Mergers to euchampions: Name han_econ_ Vording of question Feb 20 To which exte	er_know ur pre-knowledge of rropean L interest It are you interest	on this subject abel din economic	interest in econeconomic policies and debates of (number from 3)	1 to 10) nomics and deba y of economic polic	ites of	West and ea West a	sist 02/2020 sist 11/2021		Further informati	once once on Survey frequency once on 10, 10: highest interest	

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Feb 20								Further information number from 1 to 10, 10: highest interest only online
	How large is your confiden	ce in the opinion of	academic exper	ts regarding poli	tical questions?			Office Office
			(number from	1 to 10)				
	Name	Label				Survey period		Survey frequency
	han_education		level of educat	ion		West and eas	t 02/2020	once
Wording of o	question							
Feb 20								Further information only online
	What is your level of educa	ation?						
ſ								
	Secondary school [1]	Vocational training [3]	Bachelor [4]	Master [5]	Ph.D. [6]	other [7]		
	Name	-	Label	-	-	Survey period		Survey frequency
	han_cor3_eff			effect of corona v	virus on	West and eas	t 03/2020	once
Vording of o	auestion		business					
vvorumg or c	question							Further information
Mrz 20	How does the corona virus	affect your current	husiness activity	ı?				
				_				
	Positively	[1] No effect [2]	Negativly [3]					
				<u> </u>				
	Name		Label		-	Survey period	l	Survey frequency
	han_cor3_demand		corna march: e	effect of corona v	virus on	West and eas		once
Nording of o	question		demand					
Mrz 20								Further information
	In case negative effects on	your company, of w	hich nature are	they?				
			Yes [1]					
ſ	Decrease in demand							
	Decrease III demand							
	Name		Label		_	Survey period		Survey frequency
	han_cor3_foreign			effect of corona v	virus on foreign	West and eas		once
			subsidiary firm	S		West and eas	1 00/2020	onde
Vording of o	question							Further information
Mrz 20								
	In case negative effects on	your company, of w	which nature are	they?				
			vhich nature are	they?				

	Name	Label	Survey period	Survey frequency
	han_cor3_buy	corona march: effect of corona virus on delay	West and east 03/2020	once
		or cancellation of delivery in purchase		
Wording of	question			F. sah sa is fa sa sais
Mrz 20				Further information
	In case negative effects on your company, of w	which nature are they?		
		Yes [1]		
	Delay or cancellation of delivery in purchase			
	Name	Label	Survey period	Survey frequency
	han_cor3_sell	corona march: effect of corona virus on delay		once
	man_cors_sen	or cancellation of delivery in sales	west and east 03/2020	once
Wording of	question			
Mrz 20				Further information
	In case negative effects on your company, of w	which nature are they?		
		Yes [1]		
	Delay or cancellation of delivery in sales			
				l
	Name	Label	Survey period	Survey frequency
	han_cor3_pricep	corona march: effect of corona virus on increasing pruchase prices	West and east 03/2020	once
Wording of				Further information
Wording of		vhich nature are they?		Further information
	,			Further information
	,	vhich nature are they? Yes [1]		Further information
	,			Further information
	In case negative effects on your company, of w	Yes [1]		
	In case negative effects on your company, of w Increasing purchase prices	Yes [1] Label	Survey period	Survey frequency
	In case negative effects on your company, of w	Yes [1]	Survey period West and east 03/2020	
	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage	Yes [1] Label corona march: effect of corona virus on		Survey frequency
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question	Yes [1] Label corona march: effect of corona virus on		Survey frequency
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage		Survey frequency once
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they?		Survey frequency once
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage		Survey frequency once
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they?		Survey frequency once
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question In case negative effects on your company, of w	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they?		Survey frequency once
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question In case negative effects on your company, of w	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they?		Survey frequency once
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question In case negative effects on your company, of w Neccessity fo increasing storage	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they? Yes [1] Label corna march: effect of corona virus on delay	West and east 03/2020	Survey frequency once Further information
Wording of	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question In case negative effects on your company, of w Neccessity fo increasing storage Name han_cor3_travel	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they? Yes [1] Label	West and east 03/2020 Survey period	Survey frequency once Further information Survey frequency
Mrz 20	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question In case negative effects on your company, of w Neccessity fo increasing storage Name han_cor3_travel	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they? Yes [1] Label corna march: effect of corona virus on delay	West and east 03/2020 Survey period	Survey frequency once Further information Survey frequency once
Wording of	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question In case negative effects on your company, of w Neccessity fo increasing storage Name han_cor3_travel question	Yes [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they? Yes [1] Label corna march: effect of corona virus on delay	West and east 03/2020 Survey period	Survey frequency once Further information Survey frequency
Wording of Wording of	In case negative effects on your company, of w Increasing purchase prices Name han_cor3_storage question In case negative effects on your company, of w Neccessity fo increasing storage Name han_cor3_travel question	Ves [1] Label corona march: effect of corona virus on necessity of increasing storage which nature are they? Yes [1] Label corna march: effect of corona virus on delay or cancellation of business trips	West and east 03/2020 Survey period	Survey frequency once Further information Survey frequency once

		Yes [1]			
	Delay or cancellation of business	trips			
	Name	Label		Survey period	Survey frequency
	han_cor3_other		ther negative effects of coron	West and east 03/2020	once
Wording of		virus	•	vestalia castos/2525	V.ICC
Mrz 20					Further information
	In case negative effects on your o	company, of which nature are Yes [1]	they?		
	Other	16 [1]			
	Name	Label		Survey period	Survey frequency
	han_cor3_other_text	corna march: o virus (text)	ther negative effects of coron	West and east 03/2020	once
Wording of	question				
					Further information
Mrz 20					
	In case negative effects on your o	company, of which nature are	they?		
			1		
	Other				
	Name	Label		Survey period	Survey frequency
					0.000, 10040000,
	han_cor_effect	corona: effect obusiness	of corona virus on current	West and east 04/2020 to 09/2021 West and east 12/2021 to 03/2022	monthly monthly
Wording of	question				
					Further information
Apr 20		and the state of t	د. مانىئەم 2. مانىئەم		Covid-question
	How does the spread of the coro	na virus anect your business a	cuvityr		
	Negativly [-3] [-2]	[-1] [0]	[+1] [+2]	Positively [+3]	
	Name	Label		Survey period	Survey frequency
		Lusei			Survey requericy
	han_cor4_homeoff	corona: increas	sed use of home office	West and east 04/2020	once
Wording of	question				
					Further information
Apr 20					Covid-question
	Which measures did your compa	ny take in response to the spr	ead of the corona virus?		
		Yes [1]			
	Onerating huciness				

N	Name	Label	Survey period	Survey frequency
h	nan_cor4_stwork_y	corona: short-time work	West and east 04/2020	once
V				
Vording of qu	uestion			
Apr 20				Further information
	Military and the second state of the second st	and the second of the second o		Covid-question
W	Which measures did your company take in resp	onse to the spread of the corona virus?		
		Yes [1]		
_		163 [1]		
	Operating business:			
Si	hort-time work			
				<u> </u>
	James .	Label	C	Company from the company
I N	Name	Label	Survey period	Survey frequency
_				
h	nan_cor4_overtime	corona: reduction of overtime	West and east 04/2020	once
Nording of qu	uestion			
Apr 20				Further information
Арт 20				Covid-question
W	Which measures did your company take in resp	ponse to the spread of the corona virus?		
		Yes [1]		
Г				
	Operating business: Reduction of holiday and overtime			
_				
Ŋ	Name	Label		
		Label	Survey period	Survey frequency
				Survey frequency
h	nan_cor4_emplreduction	corona: reduction of employment	West and east 04/2020	Survey frequency once
Vording of qu				
				once Further information
Vording of qu Apr 20		corona: reduction of employment		once
Nording of qu	uestion	corona: reduction of employment		once Further information
Nording of qu	uestion	corona: reduction of employment		once Further information
Nording of qu Apr 20	uestion Which measures did your company take in resp	corona: reduction of employment		once Further information
Apr 20	uestion	corona: reduction of employment		once Further information
Apr 20	uestion Which measures did your company take in responsers to the sum of the	corona: reduction of employment		once Further information
Wording of qu Apr 20 W	uestion Which measures did your company take in responsers to the sum of the	corona: reduction of employment		once Further information
Apr 20 Wording of qu	uestion Which measures did your company take in responsers to the sum of the	corona: reduction of employment		once Further information
Apr 20 W	vestion Which measures did your company take in responsive to the properties of the	corona: reduction of employment ponse to the spread of the corona virus? Yes [1]	West and east 04/2020	Once Further information Covid-question
Apr 20 W	Vhich measures did your company take in responsive to the properating business: leduction of employment (e.g. job cuts)	corona: reduction of employment ponse to the spread of the corona virus? Yes [1]	West and east 04/2020	Once Further information Covid-question
Apr 20 W	Unich measures did your company take in response of the properating business: Reduction of employment (e.g., job cuts)	corona: reduction of employment conse to the spread of the corona virus? Yes [1] Label	West and east 04/2020 Survey period	once Further information Covid-question Survey frequency
Apr 20 Apr 20 N	vestion Which measures did your company take in response to the properating business: leduction of employment (e.g., job cuts) Name han_cor4_salestop	corona: reduction of employment conse to the spread of the corona virus? Yes [1] Label	West and east 04/2020 Survey period	once Further information Covid-question Survey frequency
Apr 20 Apr 20 N	vestion Which measures did your company take in response to the properating business: leduction of employment (e.g., job cuts) Name han_cor4_salestop	corona: reduction of employment conse to the spread of the corona virus? Yes [1] Label	West and east 04/2020 Survey period	once Further information Covid-question Survey frequency
Apr 20 Apr 20 N N h	vestion Which measures did your company take in response to the properating business: leduction of employment (e.g., job cuts) Name han_cor4_salestop	corona: reduction of employment conse to the spread of the corona virus? Yes [1] Label	West and east 04/2020 Survey period	once Further information Covid-question Survey frequency
Apr 20 Apr 20 N	vestion Which measures did your company take in response to the properating business: leduction of employment (e.g., job cuts) Name han_cor4_salestop	corona: reduction of employment conse to the spread of the corona virus? Yes [1] Label	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency once Further information
Apr 20 Nording of qu Nording of qu Apr 20	vestion Which measures did your company take in response to the properating business: leduction of employment (e.g., job cuts) Name han_cor4_salestop	corona: reduction of employment ponse to the spread of the corona virus? Yes [1] Label corona: shutdown of stores	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency once
Apr 20 Nording of qu Nording of qu Apr 20	Unich measures did your company take in response to the properating business: leduction of employment (e.g., job cuts) Name han_cor4_salestop uestion	corona: reduction of employment ponse to the spread of the corona virus? Yes [1] Label corona: shutdown of stores	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency once Further information
Apr 20 Nording of qu Nording of qu Apr 20	Unich measures did your company take in response to the properating business: leduction of employment (e.g., job cuts) Name han_cor4_salestop uestion	corona: reduction of employment ponse to the spread of the corona virus? Yes [1] Label corona: shutdown of stores	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency once Further information
Apr 20 Wording of qu Apr 20 Apr 20 Apr 20 V	Vhich measures did your company take in response to the properating business: In the properation business: In the properatio	corona: reduction of employment ponse to the spread of the corona virus? Yes [1] Label corona: shutdown of stores	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency once Further information
Apr 20 N Mording of qu Apr 20 Apr 20 V	Unich measures did your company take in response to the properating business: leduction of employment (e.g., job cuts) Name han_cor4_salestop uestion	corona: reduction of employment ponse to the spread of the corona virus? Yes [1] Label corona: shutdown of stores	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency once Further information
Apr 20 N N N Apr 20 N Apr 20 V Apr 20 V	vestion Which measures did your company take in respondent for the properating business: leduction of employment (e.g., job cuts) Name uestion Which measures did your company take in respondent for the properating business:	corona: reduction of employment ponse to the spread of the corona virus? Yes [1] Label corona: shutdown of stores	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency once Further information
Apr 20 N Mording of qu Apr 20 Apr 20 V	vestion Which measures did your company take in respondent for the properating business: leduction of employment (e.g., job cuts) Name uestion Which measures did your company take in respondent for the properating business:	corona: reduction of employment ponse to the spread of the corona virus? Yes [1] Label corona: shutdown of stores	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency once Further information

West and east 04/2020

han_cor4_storage_inc

corona: increased storaging

	Use of exisiting credit lines			
	Name	Label	Survey period	Survey frequency
	han_cor4_newcredit	corona: new credit lines	West and east 04/2020	once
Wording of	f question			
Apr 20				Further information
	Which measures did your company take in re	esponse to the spread of the corona virus?		Covid-question
		Yes [1]		
	Finance/Investment: New credit lines			
	Name	Label	Survey period	Survey frequency
	han_cor4_liquidityas	corona: use of liquidity assistances	West and east 04/2020	once
Wording of	f question			Further information
Apr 20				Covid-question
	Which measures did your company take in re			
	Finance/Investment:	Yes [1]		
	Use of liquidity assistances			
	ose of inquiaity assistances			
		Label	Survey period	Survey frequency
	Name	Label	Survey period	Survey frequency
		Label corona: postponement of investment proje		Survey frequency once
Wording of	Name han_cor4_investpos			once
Wording of	Name han_cor4_investpos f question	corona: postponement of investment proje		
	Name han_cor4_investpos f question	corona: postponement of investment proje		once Further information
	Name han_cor4_investpos f question Which measures did your company take in re	corona: postponement of investment proje		once Further information
	Name han_cor4_investpos f question	corona: postponement of investment proje		once Further information
	Name han_cor4_investpos f question Which measures did your company take in re Finance/Investment: Postponement of investment projects	corona: postponement of investment projections are corona virus? Yes [1]	West and east 04/2020	Further information Covid-question
	Name han_cor4_investpos f question Which measures did your company take in re Finance/Investment: Postponement of investment projects Name	esponse to the spread of the corona virus? Yes [1] Label	West and east 04/2020 Survey period	Once Further information Covid-question Survey frequency
	Name han_cor4_investpos f question Which measures did your company take in re Finance/Investment: Postponement of investment projects	corona: postponement of investment projections are corona virus? Yes [1]	West and east 04/2020 Survey period	Further information Covid-question
	Name han_cor4_investpos f question Which measures did your company take in re Finance/Investment: Postponement of investment projects Name han_cor4_investcanc	esponse to the spread of the corona virus? Yes [1] Label	West and east 04/2020 Survey period	Further information Covid-question Survey frequency
Apr 20	Name han_cor4_investpos f question Which measures did your company take in re Finance/investment: Postponement of investment projects Name han_cor4_investcanc f question	esponse to the spread of the corona virus? Yes [1] Label	West and east 04/2020 Survey period	Further information Covid-question Survey frequency once
Apr 20	Name han_cor4_investpos f question Which measures did your company take in re Finance/investment: Postponement of investment projects Name han_cor4_investcanc f question	corona: postponement of investment projects esponse to the spread of the corona virus? Yes [1] Label corona: cancellation of investment projects	West and east 04/2020 Survey period	Further information Covid-question Survey frequency once
Apr 20	Name han_cor4_investpos f question Which measures did your company take in re Finance/Investment: Postponement of investment projects Name han_cor4_investcanc f question	corona: postponement of investment projects esponse to the spread of the corona virus? Yes [1] Label corona: cancellation of investment projects	West and east 04/2020 Survey period	Further information Covid-question Survey frequency once
Apr 20	Name han_cor4_investpos f question Which measures did your company take in re Finance/Investment: Postponement of investment projects Name han_cor4_investcanc f question	corona: postponement of investment projects esponse to the spread of the corona virus? Yes [1] Label corona: cancellation of investment projects esponse to the spread of the corona virus?	West and east 04/2020 Survey period	Further information Covid-question Survey frequency once
Apr 20	Name han_cor4_investpos f question Which measures did your company take in re Finance/Investment: Postponement of investment projects Name han_cor4_investcanc f question Which measures did your company take in re	corona: postponement of investment projects esponse to the spread of the corona virus? Yes [1] Label corona: cancellation of investment projects esponse to the spread of the corona virus?	West and east 04/2020 Survey period	Further information Covid-question Survey frequency once
Apr 20	Name han_cor4_investpos f question Which measures did your company take in re Finance/Investment: Postponement of investment projects Name han_cor4_investcanc f question Which measures did your company take in re	corona: postponement of investment projects esponse to the spread of the corona virus? Yes [1] Label corona: cancellation of investment projects esponse to the spread of the corona virus?	West and east 04/2020 Survey period	Further information Covid-question Survey frequency once

				Fronth and information
Apr 20				Further information
	Which measures did your company take in res	nonse to the spread of the corona virus?		Covid-question
	, , ,			
		Yes [1]		
	Finance/Investment: Other			
	Name	Label	Survey period	Survey frequency
	han_cor4_fin_othertext	corona: other financial consequences text	West and east 04/2020	once
ording of	question			
				Further information
Apr 20				Covid-question
	Which measures did your company take in res	ponse to the spread of the corona virus?		
	Finance/Investment:			
	Other, such as:			
	Name	Label	Survey period	Survey frequency
	han_cor4_onlineret	corona april: expansion of online retail	West and east 04/2020	once
ording of	auestion			
0 -	4			
Apr 20				Further information
Apr 20		ponse to the spread of the corona virus?		Further information
Apr 20	Which measures did your company take in res	ponse to the spread of the corona virus?		Further information
Apr 20		sponse to the spread of the corona virus? Yes [1]		Further information
Apr 20	Which measures did your company take in res			Further information
Apr 20				Further information
Apr 20	Which measures did your company take in res Operating business:			Further information
Apr 20	Which measures did your company take in res Operating business:			
Apr 20	Which measures did your company take in res Operating business:		Survey period	Further information Survey frequency
Apr 20	Which measures did your company take in res Operating business: Expansion of online retail Name	Yes [1] Label	Survey period	Survey frequency
Apr 20	Which measures did your company take in res Operating business: Expansion of online retail	Yes [1] Label corona: duration of restrictions to public life	West and east 04/2020 to 12/2020	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec
Apr 20	Which measures did your company take in res Operating business: Expansion of online retail Name	Yes [1] Label	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec
	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic	Yes [1] Label corona: duration of restrictions to public life	West and east 04/2020 to 12/2020	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec
	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic	Yes [1] Label corona: duration of restrictions to public life	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec
ording of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question	Yes [1] Label corona: duration of restrictions to public life	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec
	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question	Yes [1] Label corona: duration of restrictions to public life	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information
rding of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question	Yes [1] Label corona: duration of restrictions to public life	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb
rding of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to public	Yes [1] Label corona: duration of restrictions to public life due to the pandemic	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information
ording of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question	Yes [1] Label corona: duration of restrictions to public life due to the pandemic	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb
ording of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to public	Yes [1] Label corona: duration of restrictions to public life due to the pandemic	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb
rding of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths	Ves [1] Label corona: duration of restrictions to public life due to the pandemic	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus?	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question
ording of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to public	Yes [1] Label corona: duration of restrictions to public life due to the pandemic	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb
rding of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name	Ves [1] Label corona: duration of restrictions to public life due to the pandemic	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question
rding of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths	Ves [1] Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus?	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency
ording of	Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name han_cor4_turnovercon	Ves [1] Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency
ording of Apr 20	Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name han_cor4_turnovercon	Ves [1] Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency once
ording of	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name han_cor4_turnovercon question	Ves [1] Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency
ording of Apr 20	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name han_cor4_turnovercon question	Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the Label corona april: constant turnover	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency once
/ording of Apr 20	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name han_cor4_turnovercon question	Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the Label corona april: constant turnover	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency once
ording of Apr 20	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name han_cor4_turnovercon question	Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the Label corona april: constant turnover	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency once
ording of Apr 20	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name han_cor4_turnovercon question	Ves [1] Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the Label corona april: constant turnover	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency once
Vording of Apr 20	Which measures did your company take in res Operating business: Expansion of online retail Name han_cor_restrpublic question How long do you expect restrictions to publicmonths Name han_cor4_turnovercon question	Ves [1] Label corona: duration of restrictions to public life due to the pandemic life in Germany to last due to the spread of the Label corona april: constant turnover	West and east 04/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022 corona virus? Survey period	Survey frequency Apr, May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb Further information Covid-question Survey frequency once

Name	Label		Survey period	Survey frequency
han_cor4_trunoveri	nc corona april: in	ncreasing turnover	West and east 04/2020	once
Wording of question				
				Euroban information
Apr 20				Further information
Which effect of the coron	a pandemic on your companies turno	over do you expect this year?		
Increa	se of%			
Name	Label		Survey period	Survey frequency
han_cor4_turnovero	lec corona april: d	ecreasing turnover	West and east 04/2020	once
nun_cor4_turnovere		0	West and east 6-1/2020	onec
Wording of question				
				Further information
Apr 20				Tartier information
Which effect of the coron	a pandemic on your companies turno	over do you expect this year?		
Decrea	se of%			
N	Labal		Constructed	Constitution of the Consti
Name	Label		Survey period	Survey frequency
han_cor4_turnover_	future corona april: ca	atch up on missed turnover in	West and east 04/2020	once
	future			
Wording of question				
				Further information
Apr 20				
In case you expect a decre	ease in turnover, do you expect to car	tch up with the missed turnover	r in the future?	
		7		
No [1	Yes, partly [2] Yes, completely [3]			
		_		
		J		
Name	Label		Survey period	Survey frequency
Nume	Lubei		Survey period	survey requertey
han_cor4_foreignsu	p corona april: u	sually necessary supply of	West and east 04/2020	once
	products from	abroad		
Wording of question				
				Further information
Apr 20				
Was your company depen	dent on supply of goods from abroug	ad before the outbreak of the co	orona pandemic?	
Yes [1] No [2]			
	,,			
				1
Name	Label		Survey period	Survey frequency
				,,
han_cor4_chinasup	corona april: su	upply of products from China	West and east 04/2020	once

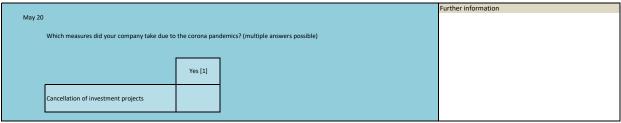
Apr 20				Further information
		s from China, Italy or another country which is r	now especially affected by the	
	corona pandemic?	s from Clinia, italy of another country which is i	low especially affected by the	
		Yes [1]		
	China			
	None	Labol	Company manifest	Company
	Name	Label	Survey period	Survey frequency
	han_cor4_italysup	corona april: supply of products from Italy	West and east 04/2020	once
Wording of	question			
Ans 20				Further information
Apr 20		s from China, Italy or another country which is r	now especially affected by the	
	corona pandemic?		on especially directed by the	
		Yes [1]		
	Italy			
	Name	Label	Survey period	Survey frequency
	han_cor4_othersup	corona april: supply of products from other states	West and east 04/2020	once
Wording of	auestion			
	·			Further information
Apr 20				
	In case it was, were the most important good: corona pandemic?	s from China, Italy or another country which is r	now especially affected by the	
		Yes [1]		
		162 [1]		
		165 [1]		
	Other	(6 (1)		
	Other	Label	Survey period	Survey frequency
			Survey period West and east 04/2020	Survey frequency once
Wording of	Name han_cor4_othersup_text	Label corona april: supply of products from other		
Wording of	Name han_cor4_othersup_text	Label corona april: supply of products from other		once
Wording of Apr 20	Name han_cor4_othersup_text question	Label corona april: supply of products from other states text	West and east 04/2020	
	Name han_cor4_othersup_text question	Label corona april: supply of products from other	West and east 04/2020	once
	Name han_cor4_othersup_text question In case it was, were the most important good:	Label corona april: supply of products from other states text	West and east 04/2020	once
	Name han_cor4_othersup_text question In case it was, were the most important good: corona pandemic?	Label corona april: supply of products from other states text	West and east 04/2020	once
	Name han_cor4_othersup_text question In case it was, were the most important good:corona pandemic? Other, such as:	Label corona april: supply of products from other states text s from China, Italy or another country which is r	West and east 04/2020	once Further information
	Name han_cor4_othersup_text question In case it was, were the most important good: corona pandemic?	Label corona april: supply of products from other states text	West and east 04/2020	once
	Name han_cor4_othersup_text question In case it was, were the most important good:corona pandemic? Other, such as:	Label corona april: supply of products from other states text s from China, Italy or another country which is r	West and east 04/2020	once Further information
Apr 20	Name han_cor4_othersup_text question In case it was, were the most important good: corona pandemic? Other, such as: Name han_cor4_supply	Label corona april: supply of products from other states text s from China, Italy or another country which is r	West and east 04/2020 now especially affected by the Survey period	once Further information Survey frequency
Apr 20	Name han_cor4_othersup_text question In case it was, were the most important good: corona pandemic? Other, such as: Name han_cor4_supply question	Label corona april: supply of products from other states text s from China, Italy or another country which is r	West and east 04/2020 now especially affected by the Survey period	once Further information Survey frequency
Apr 20	Name han_cor4_othersup_text question In case it was, were the most important good: corona pandemic? Other, such as: Name han_cor4_supply question	Label corona april: supply of products from other states text s from China, Italy or another country which is r Label corona april: problems in supply	West and east 04/2020 now especially affected by the Survey period	once Further information Survey frequency once
Apr 20	Name han_cor4_othersup_text question In case it was, were the most important good: corona pandemic? Other, such as: Name han_cor4_supply question	Label corona april: supply of products from other states text s from China, Italy or another country which is r Label corona april: problems in supply	West and east 04/2020 now especially affected by the Survey period	once Further information Survey frequency once
Apr 20	Name han_cor4_othersup_text question In case it was, were the most important good: corona pandemic? Other, such as: Name han_cor4_supply question	Label corona april: supply of products from other states text s from China, Italy or another country which is r Label corona april: problems in supply	West and east 04/2020 now especially affected by the Survey period	once Further information Survey frequency once
Wording of	Name han_cor4_othersup_text question In case it was, were the most important good: corona pandemic? Other, such as: Name han_cor4_supply question Is your company affected by problems in supply	Label corona april: supply of products from other states text s from China, Italy or another country which is r Label corona april: problems in supply	West and east 04/2020 now especially affected by the Survey period	once Further information Survey frequency once

Name	_	-	Label	-	_	Survey perio	od	-	Survey frequency
han_cor4_	problem		corona april: m	ost problematio	aspect	West and ea	ast 04/2020		once
Wording of question									
									Further information
Apr 20									ruraici information
Which aspect	of the corona par	ndemic is most	problematic to y	our company?					
		-							
Name		-	Label	-	-	Survey perio	od	-	Survey frequency
han_cor4_	polconseq		corona april: de	esired political c	onsequences	West and ea	ast 04/2020		once
Wording of question		ı							
wording or question									
Apr 20									Further information
Which measu	res do you wish to	o be taken by p	oliticians?						
		-							
Name		Label	Label	_	_	Survey perio	od	_	Survey frequency
Nume		20001				ou.vey perio	,		survey mequency
han_cor4_	survive		corona april:du	ration surviving	shutdown	West and ea	ast 04/2020		once
Wording of question									
, .									Further information
Apr 20									only online
						ols/universities/sl			
	uld be held up lon								
less than 1	1 month	2 months	3 months	4 months	5 months	6 months	more than 6		
month [0]	[1]	[2]	[3]	[4]	[5]	[6]	months [7]		
Name		Label	Label			Survey perio	od		Survey frequency
		Label		luration evants	n shutdo				
Name	surviveas	Label		luration survivig	n shutdown	Survey period			Survey frequency once
	surviveas	Label	corona april:: d	luration survivig	n shutdown				
han_cor4_ Wording of question	surviveas	Label	corona april:: d	uration survivig	n shutdown				once Further information
han_cor4_ Wording of question			corona april:: d assistances			West and ea	ast 04/2020		once
han_cor4_ Wording of question Apr 20 In the last que		ed your expect:	corona april:: d assistances	your company co	ould last the cu	West and ea	ast 04/2020		once Further information
han_cor4_ Wording of question Apr 20 In the last que	estion you deliver mic. Did you cons	ed your expectsider the possib	corona april:: d assistances	your company co	ould last the cu	West and ea	ast 04/2020		once Further information
han_cor4_ Wording of question Apr 20 In the last que	estion you deliver	ed your expect:	corona april:: d assistances	your company co	ould last the cu	West and ea	ast 04/2020		once Further information
han_cor4_ Wording of question Apr 20 In the last que	estion you deliver mic. Did you cons	ed your expectsider the possib	corona april:: d assistances	your company co	ould last the cu	West and ea	ast 04/2020		once Further information
han_cor4_ Wording of question Apr 20 In the last que	estion you deliver mic. Did you cons	ed your expectsider the possib	corona april:: d assistances	your company co	ould last the cu	West and ea	ast 04/2020		once Further information
han_cor4_ Wording of question Apr 20 In the last que	estion you deliver mic. Did you cons	ed your expectsider the possib	corona april:: d assistances	your company co	ould last the cu	West and ea	ast 04/2020		once Further information
han_cor4_ Wording of question Apr 20 In the last que	estion you deliver mic. Did you cons	ed your expectsider the possib	corona april:: d assistances	your company co	ould last the cu	West and ea	ast 04/2020		once Further information

corona april: deferral of tax payments or reduce of prepayment han_cor4_reduction West and east 04/2020 once Wording of question Further information Apr 20 only online Does your company use deferred payments of tax or in order to reduce advance payments? Yes [1] No [2] Label Survey period Survey frequency han_cor4_reduction_pl corona april: If no, reduction in planning West and east 04/2020 once anning Wording of question Further information If not, do you plan to do so in the future? nswer only possible if han_corona_def was answered No Yes [1] No [2] Name Label Survey period Survey frequency han_cor5_measures1 corona may: stop of production due to the pandemic West and east 05/2020 once Wording of question Further information May 20 Which measures did your company take due to the corona pandemics? (multiple answers possible) Yes [1] Stop of production Name Label Survey period Survey frequency han_cor5_measures2 corona may: use of assistances due to the pandemic West and east 05/2020 once Wording of question urther information May 20 Which measures did your company take due to the corona pandemics? (multiple answers possible) Yes [1] Use of liquidity assistances Label Survey period Survey frequency han_cor5_measures3 corona may: postponement of investment West and east 05/2020 once

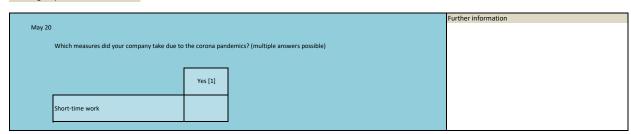
May 20				Further information
	Which measures did your company take due to	the corona pan	demics? (multiple answers possible)	
		Yes [1]		
	Postponement of investment projects			

	Name	Label	Survey period	Survey frequency
	han_cor5_measures4	corona may: cancellation of investment	West and east 05/2020	once
		projects due to the pandemic		
Wording of	question			
May 20				Further information

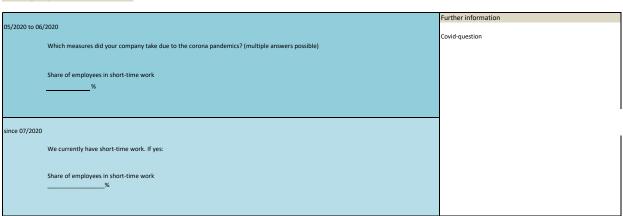


N	lame	Label	Survey period	Survey frequency
_				
h			West and east 05/2020	once
		pandemic		

Wording of question



Name	Label	Survey period	Survey frequency
han_cor_shorttime1		West and east 05/2020 to 05/2022	monthly
	the pandemic	West and east 08/2022 to 12/2022	Aug, Nov, Dec
		West and east 01/2023 to 06/2023	Jan, Feb, May



1	Name	Label	Survey period	Survey frequency
ŀ	han cor5 duration1	corona: time until business situation will	West and east 05/2020	once

	Further information
	Covid-question
When do you expect the state of business to normalize? In the best case in:	
months	

	Name	Label	Survey period	Survey frequency
	han_cor_duration2	corona: time until business situation will normalize (most likely case)	West and east 05/2020 to 12/2020 West and east 01/2021 to 12/2021 West and east 01/2022 to 02/2022	May, Jun, Jul, Sep, Nov, Dec Jan, Feb, Mrch, Apr, Jun, Dec Jan, Feb
Wording of	f question			11.14.12
05/2020 bis 2:		estimate the further development of the crisis. (Please fill in a r of business to normalize?	number smaller 1, e.g. "0.5" for	Further information Covid-question
Seit 01/2022	When do you expect the state	of business to normalize?		

Name	Label	Survey period	Survey frequency
		West and east 05/2020	once
	normalize (worst case)		

Wording of question

Fu	rther information
May 20 In the following we ask you to estimate the further development of the crisis. (Please fill in a number smaller 1, e.g. "0.5" for 2 weeks) When do you expect the state of business to normalize? In the worst case in:	wid-question
months	

Name	Label	Survey period	Survey frequency
han_cor5_liquidity1	corona may: time surviving with liquidity	West and east 05/2020	once
,	reserve	,	

		Further information
May 20		
Assume your earnings would further remain on the leve	el of april, how long would your liquidity reserves last?	
months		

Name	Label	Survey period	Survey frequency
han_cor5_liquidity2	corona may: surviving with liquidity reserve	West and east 05/2020	once

May 20 Assume your ea	arnings would fu	urther remain on	the level of apr	il, how long wo	uld your liquidity	reserves last?	Further information
		[Yes [1]				
No shortage ex	pected						
Name		Label				Survey period	Survey frequency
han_cor5_e	mpl_now	corona: employe	ees now			West and east 05/2020	once
Wording of question							
Mai 20 How many pers	sons are current	tly employed in yo	our company?				Further information Covid-question
	persons						
Name		Label				Survey period	Survey frequency
han_cor5_cl	hange	corona may: cha pandemic	anges within co	mpany after		West and east 05/2020	once
Wording of question							
May 20							only online
Do you expect o	No changes	s in your company	y after the coro	na crisis?	Large changes		
Do you expect a					Large changes [5]		
Do you expect a	No changes						
Do you expect o	No changes					Survey period	Survey frequency
	No changes [1]	[2] Label corona may: les	[3]	[4]		Survey period West and east 05/2020	
Name	No changes [1]	[2]	[3]	[4]			Survey frequency
Name han_cor5_tr Wording of question May 20	No changes [1]	[2] Label corona may: les	[3]	[4]	[5]		Survey frequency
Name han_cor5_tr Wording of question May 20	No changes [1]	Label corona may: less pandemic	[3]	[4]	[5]		Survey frequency once
Name han_cor5_tr Wording of question May 20	No changes [1] ravel changes do you	Label corona may: less pandemic	[3] s business trave	[4]	[5]		Survey frequency once
Name han_cor5_tr Wording of question May 20 Which durable	No changes [1] ravel changes do you	Label corona may: less pandemic	[3] s business trave	[4]	[5]		Survey frequency once

	0				Further information only online
		u consider likely in your compar	ny? (multiple answers possible)		
			7		
		Yes [1]			
	more remote working				
	Name	Label		Survey period	Survey frequency
		_			
	han_cor5_automat	corona may: higher automati	sation	West and east 05/2020	once
Wording of	f question				
May 20	0				Further information only online
	Which durable changes do yo	u consider likely in your compar	ny? (multiple answers possible)		
			1		
		Yes [1]			
	more automatisation				
	Name	Label		Survey period	Survey frequency
	han_cor5_ext	corona may: reduction of ext	ernal goods or	West and east 05/2020	once
Wording of		services			
wording of	i question				Further information
May 20					only online
	Which durable changes do yo	u consider likely in your compar	ny? (multiple answers possible)		
		Yes [1]			
			_		
	Reduction of external produc	ts or services			
	Reduction of external produc	ts or services			
	Reduction of external produc	ts or services Label		Survey period	Survey frequency
	Name	Label		Survey period	Survey frequency
			ation in	Survey period West and east 05/2020	Survey frequency once
Wording of	Name han_cor5_divers	Label corona may: higher diversific.	ation in		once
Wording of	Name han_cor5_divers f question	Label corona may: higher diversific.	ation in		
	Name han_cor5_divers f question	Label corona may: higher diversific.			once Further information
	Name han_cor5_divers f question	Label corona may: higher diversification procurement			once Further information
	Name han_cor5_divers f question Which durable changes do yo	Label corona may: higher diversific procurement u consider likely in your companions of the companio			once Further information
	Name han_cor5_divers f question	Label corona may: higher diversific procurement u consider likely in your companions of the companio			once Further information
	Name han_cor5_divers f question Which durable changes do you hgiher diversification in process	Label corona may: higher diversifice procurement u consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions.		West and east 05/2020	once Further information only online
	Name han_cor5_divers f question Which durable changes do yo	Label corona may: higher diversific procurement u consider likely in your companions of the companio			once Further information
	Name han_cor5_divers f question Which durable changes do you hgiher diversification in process	Label corona may: higher diversifice procurement u consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions are seen to the consider likely in your companions.	ny? (multiple answers possible)	West and east 05/2020	once Further information only online
May 20	Name han_cor5_divers f question Which durable changes do you hgiher diversification in procu	Label corona may: higher diversific procurement u consider likely in your companies Yes [1]	ny? (multiple answers possible)	West and east 05/2020 Survey period	Further information only online Survey frequency
Wording of	Name han_cor5_divers f question Which durable changes do you hgiher diversification in procu	Label corona may: higher diversific procurement u consider likely in your companies Yes [1]	ny? (multiple answers possible)	West and east 05/2020 Survey period	once Further information only online Survey frequency once
May 20	Name han_cor5_divers f question Which durable changes do you hgiher diversification in procu	Label corona may: higher diversific procurement u consider likely in your compar Yes [1] urement Label corona may: change in produ	ny? (multiple answers possible)	West and east 05/2020 Survey period	once Further information only online Survey frequency once
May 20	Name han_cor5_divers f question Which durable changes do you hgiher diversification in procu	Label corona may: higher diversific procurement u consider likely in your companies Yes [1]	ny? (multiple answers possible)	West and east 05/2020 Survey period	once Further information only online Survey frequency once

change of product portfolio			
Name	Label	Survey period	Survey frequency
han_cor5_digital	corona may: increased use of d	West and east 05/2020	once
Wording of question	distribution channels		
wording or question			Front and a few section
May 20			Further information only online
Which durable changes do ye	ou consider likely in your company	? (multiple answers possible)	
	Yes [1]		
increased use of digital distri	ibution channels		
Name	Label	Survey period	Survey frequency
Nume	Label	Survey period	Survey requeries
han_cor5_other	corona may: other changes after pandemic	er corona West and east 05/2020	once
Wording of question	•		
wording or question			Further information
May 20			only online
Which durable changes do ye	ou consider likely in your company	? (multiple answers possible)	
	Yes [1]		
other			
Name	Lahol	Survey period	Survey fraquency
Name	Label	Survey period	Survey frequency
Name han_cor5_other_text			Survey frequency once
han_cor5_other_text	corona may: other changes afte		
	corona may: other changes afte		once
han_cor5_other_text	corona may: other changes afte		
han_cor5_other_text Wording of question May 20	corona may: other changes afte	West and east 05/2020	once Further information
han_cor5_other_text Wording of question May 20	corona may: other changes after pandemic text	West and east 05/2020	once Further information
han_cor5_other_text Wording of question May 20 Which durable changes do you	corona may: other changes after pandemic text	West and east 05/2020	once Further information
han_cor5_other_text Wording of question May 20	corona may: other changes after pandemic text	West and east 05/2020	once Further information
han_cor5_other_text Wording of question May 20 Which durable changes do you	corona may: other changes after pandemic text	West and east 05/2020	once Further information
han_cor5_other_text Wording of question May 20 Which durable changes do you	corona may: other changes after pandemic text	West and east 05/2020	once Further information
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as	corona may: other changes after pandemic text ou consider likely in your company Label	West and east 05/2020 ? (multiple answers possible) Survey period	Further information only online Survey frequency
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as	corona may: other changes after pandemic text	West and east 05/2020 ? (multiple answers possible) Survey period	Further information only online
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as	corona may: other changes after pandemic text rou consider likely in your company Label corona may: investment in em	West and east 05/2020 ? (multiple answers possible) Survey period	Further information only online Survey frequency
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as Name han_cor5_emp1 Wording of question	corona may: other changes after pandemic text rou consider likely in your company Label corona may: investment in em	West and east 05/2020 ? (multiple answers possible) Survey period	Further information only online Survey frequency once
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as Name han_cor5_emp1 Wording of question May 20	corona may: other changes after pandemic text ou consider likely in your company Label corona may: investment in emcurrently	West and east 05/2020 7 (multiple answers possible) Survey period ployees West and east 05/2020	Further information only online Survey frequency once
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as Name han_cor5_emp1 Wording of question May 20	corona may: other changes after pandemic text ou consider likely in your company Label corona may: investment in emcurrently	West and east 05/2020 ? (multiple answers possible) Survey period	Further information only online Survey frequency once
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as Name han_cor5_emp1 Wording of question May 20	corona may: other changes after pandemic text rou consider likely in your company Label corona may: investment in emcurrently	West and east 05/2020 7 (multiple answers possible) Survey period ployees West and east 05/2020	Further information only online Survey frequency once
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as Name han_cor5_emp1 Wording of question May 20 Does your company currents	corona may: other changes after pandemic text rou consider likely in your company Label corona may: investment in emcurrently ly plan higher investments in one of	West and east 05/2020 7 (multiple answers possible) Survey period ployees West and east 05/2020	Further information only online Survey frequency once
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as Name han_cor5_emp1 Wording of question May 20	corona may: other changes after pandemic text rou consider likely in your company Label corona may: investment in emcurrently ly plan higher investments in one of	West and east 05/2020 7 (multiple answers possible) Survey period ployees West and east 05/2020	Further information only online Survey frequency once
han_cor5_other_text Wording of question May 20 Which durable changes do you other, such as Name han_cor5_emp1 Wording of question May 20 Does your company currents	corona may: other changes after pandemic text rou consider likely in your company Label corona may: investment in emcurrently ly plan higher investments in one of	West and east 05/2020 7 (multiple answers possible) Survey period ployees West and east 05/2020	Further information only online Survey frequency once

	han_cor5_emp2	corona may: investment in employees after crisis		
Wording of	question			
	4			Further information
May 20				only online
	Does your company plan hig applying answers)	ther investments in one of the following fields for the tim	e after the corona crisis? (please tick all	
		Yes [1]		
	Employees (vocational train	ng)		
	Name	Label	Survey period	Survey frequency
	han_cor5_workplace1	corona may: investment in worklplaces currently	West and east 05/2020	once
Wording of	question			
				Further information
May 20		ly plan higher investments in one of the following fields?	place tick all applying appuars)	only online
	boes your company current	y plan nigher investments in one of the following neros:	piease tick all applying answers)	
		Yes [1]		
	Work places (remote workin	g or office places)		
_	Name	Label	Survey period	Survey frequency
	han_cor5_workplace2	corona may: investment in worklplaces after crisis	West and east 05/2020	once
		CITSIS		
Wording of	question	LISIS		
		uisis		Further information
Wording of	Does your company plan hig	ther investments in one of the following fields for the tim	e after the corona crisis ? (please tick all	Further information only online
	0		e after the corona crisis ? (please tick all	
	Does your company plan hig		e after the corona crisis? (please tick all	
	Does your company plan hig	ther investments in one of the following fields for the tim Yes [1]	e after the corona crisis? (please tick all	
	Does your company plan hig applying answers)	ther investments in one of the following fields for the tim Yes [1]	e after the corona crisis ? (please tick all	
	Does your company plan hig applying answers)	ther investments in one of the following fields for the tim Yes [1]	e after the corona crisis? (please tick all Survey period	
	Does your company plan hig applying answers) Work places (remote workin	Yes [1] Ig or office places) Label	Survey period	only online Survey frequency
) Does your company plan hig applying answers) Work places (remote working)	Yes [1] Ig or office places) Label		only online
	Does your company plan hig applying answers) Work places (remote workin) Name han_cor5_prod_online	her investments in one of the following fields for the time Yes [1] Ig or office places) Label corona may: investment in service provision	Survey period	only online Survey frequency
May 20	Does your company plan hig applying answers) Work places (remote working the places) Name han_cor5_prod_online	her investments in one of the following fields for the time Yes [1] Ig or office places) Label corona may: investment in service provision	Survey period	only online Survey frequency
May 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online to question	her investments in one of the following fields for the time Yes [1] Ig or office places) Label corona may: investment in service provision	Survey period West and east 05/2020	Survey frequency once
May 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online to question	ther investments in one of the following fields for the time Yes [1] In gor office places) Label Corona may: investment in service provision currently In gor of the following fields?	Survey period West and east 05/2020	Survey frequency once
May 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online to question	yes [1] g or office places) Label corona may: investment in service provision currently	Survey period West and east 05/2020	Survey frequency once
May 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online to question	ther investments in one of the following fields for the time Yes [1] In gor office places) Label Corona may: investment in service provision currently In gor of the following fields?	Survey period West and east 05/2020	Survey frequency once
May 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online question Does your company current	ther investments in one of the following fields for the time Yes [1] In gor office places) Label Corona may: investment in service provision currently In gor of the following fields?	Survey period West and east 05/2020	Survey frequency once
May 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online to place the places (remote working the places) Does your company current to place the places (remote working the places) Online retail	ther investments in one of the following fields for the time Yes [1] In gor office places) Label Corona may: investment in service provision currently In plan higher investments in one of the following fields? Yes [1] Label	Survey period West and east 05/2020	Survey frequency once
May 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online to place the places (remote working the places) Does your company current to place the places (remote working the places) Online retail	ther investments in one of the following fields for the time Yes [1] In go or office places) Label Corona may: investment in service provision currently In plan higher investments in one of the following fields? Yes [1]	Survey period West and east 05/2020 please tick all applying answers)	Survey frequency once Further information only online
May 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places (remote working the places) and places (remote working the places) and places (remote working the places) applying a places (remote working the places) and places (remote working	ther investments in one of the following fields for the time Yes [1] In go or office places) Label Label Yes [1] Yes [1] Yes [1] Label Corona may: investment in service provision currently	Survey period West and east 05/2020 please tick all applying answers) Survey period	Survey frequency once Further information only online Survey frequency
Wording of Mai 20	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online question online retail Name han_cor5_prod_online question	ther investments in one of the following fields for the time Yes [1] In go or office places) Label Label Yes [1] Yes [1] Yes [1] Label Corona may: investment in service provision currently	Survey period West and east 05/2020 please tick all applying answers) Survey period	Survey frequency once Further information only online Survey frequency once
Wording of	Does your company plan hig applying answers) Work places (remote working the places (remote working the places) Name han_cor5_prod_online question Does your company current online retail Name han_cor5_prod_online question	ther investments in one of the following fields for the time Yes [1] In go or office places) Label Label Yes [1] Yes [1] Yes [1] Label Corona may: investment in service provision currently	Survey period West and east 05/2020 please tick all applying answers) Survey period West and east 05/2020	Survey frequency once Further information only online Survey frequency once

online retail		Yes [1]
	online retail	

_	Name	Label	Survey period	Survey frequency
	Name	Labei	Survey period	Survey mequency
	han_cor5_supply1	corona may: investment in supply chains currently	West and east 05/2020	once
Wording of	f question	Carrenay		
wording of	question			
May 20	20			Further information only online
	Does your company currently	y plan higher investments in one of the following fields? (p	please tick all applying answers)	
		Yes [1]		
	Supply chaing management (diversification)	e.g.		
	Name	Label	Survey period	Survey frequency
	Name	Label	Survey period	Julyey frequency
	han_cor5_supply2	corona may: investment in supply chains after crisis	West and east 05/2020	once
Wording of	f auestion			
		_		Further information
May 20	20			only online
	Does your company plan high applying answers)	ner investments in one of the following fields for the time	after the corona crisis? (please tick all	
		Yes [1]		
	Supply chaing management (diversification)			
			Survey period	Survey frequency
	diversification)	e.g.	Survey period West and east 05/2020	Survey frequency once
	Name han_cor5_other_inv1	e.g.		
Wording of	Name han_cor5_other_inv1	e.g.		
Wording of	Name han_cor5_other_inv1 f question	e.g.		
	Name han_cor5_other_inv1 f question	e.g.	West and east 05/2020	once Further information
	Name han_cor5_other_inv1 f question	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020	once Further information
	Name han_cor5_other_inv1 f question	Label corona may: other investments currently	West and east 05/2020	once Further information
	Name han_cor5_other_inv1 f question	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020	once Further information
	Name han_cor5_other_inv1 f question Does your company currently	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020	once Further information
	Name han_cor5_other_inv1 f question Does your company currently other	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020 slease tick all applying answers)	Further information only online
	Name han_cor5_other_inv1 f question Does your company currently other	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020 please tick all applying answers) Survey period	Further information only online Survey frequency
	Name han_cor5_other_inv1 f question Does your company currently other	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020 slease tick all applying answers)	Further information only online
	Name han_cor5_other_inv1 f question Does your company currently other Name han_cor5_other_inv2	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020 please tick all applying answers) Survey period	Further information only online Survey frequency
May 20	Name han_cor5_other_inv1 f question Does your company currenth other Name han_cor5_other_inv2 f question	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020 please tick all applying answers) Survey period	Further information only online Survey frequency once
May 2t	Name han_cor5_other_inv1 f question Does your company currently other Name han_cor5_other_inv2 f question	Label corona may: other investments currently y plan higher investments in one of the following fields? (p Yes [1] Label corona may: other investments after cirisis	West and east 05/2020 please tick all applying answers) Survey period West and east 05/2020	Further information only online Survey frequency once
May 20	Name han_cor5_other_inv1 f question Does your company currently other Name han_cor5_other_inv2 f question	Label corona may: other investments currently y plan higher investments in one of the following fields? (p	West and east 05/2020 please tick all applying answers) Survey period West and east 05/2020	Further information only online Survey frequency once
May 20	Name han_cor5_other_inv1 f question Does your company currenth other Name han_cor5_other_inv2 f question Does your company plan high	Label corona may: other investments currently y plan higher investments in one of the following fields? (p Yes [1] Label corona may: other investments after cirisis	West and east 05/2020 please tick all applying answers) Survey period West and east 05/2020	Further information only online Survey frequency once
May 20	Name han_cor5_other_inv1 f question Does your company currenth other Name han_cor5_other_inv2 f question Does your company plan high	Label corona may: other investments currently y plan higher investments in one of the following fields? (p Yes [1] Label corona may: other investments after cirisis	West and east 05/2020 please tick all applying answers) Survey period West and east 05/2020	Further information only online Survey frequency once

Survey period

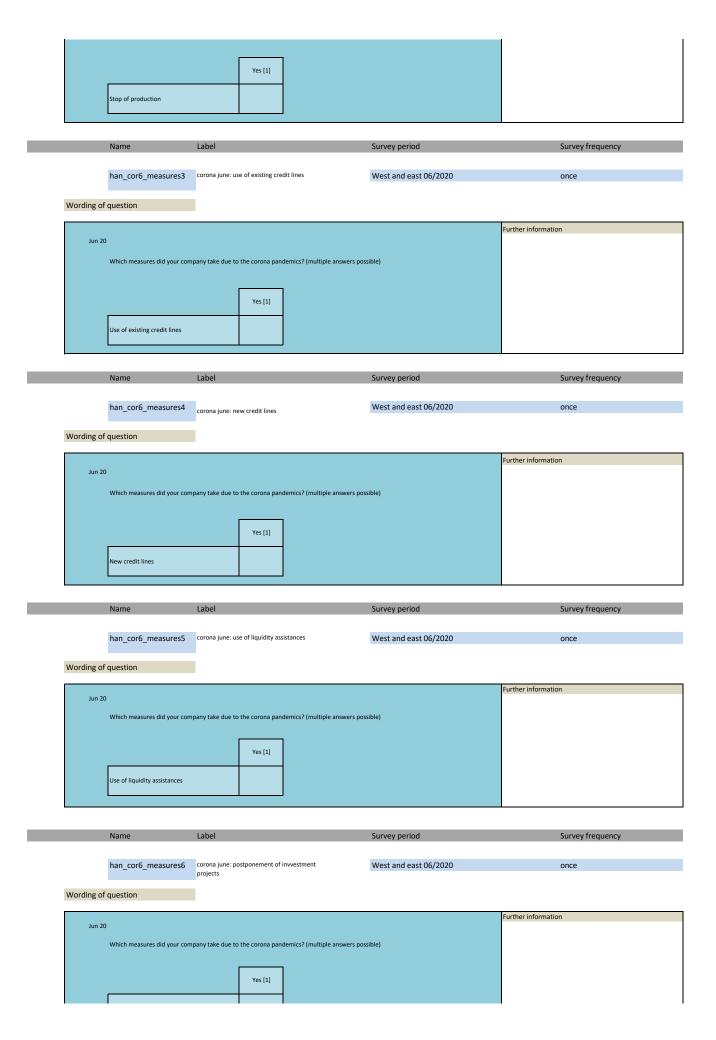
Survey frequency

Name

Name	Label	Survey period	Survey frequency
han_cor6_measures2	corona june: closing locations	West and east 06/2020	once
Wording of question			

Seite 98

Which measures did your company take due to the corona pandemics? (multiple answers possible)



			J		
	Name	Ishal		Consorted	Company from the company
	Name	Label		Survey period	Survey frequency
	han_cor6_measures7	corona june: cancellation of in	vestment	West and east 06/2020	once
		projects			
Vording of o	question	1			
Jun 20					Further information
		npany take due to the corona par	ndemics? (multiple answer	s possible)	
		, , , , , , , , , , , , , , , , , , , ,		.,,	
		Yes [1]			
ı			_		
	Cancellation of investment pro	ojects			
	Name	Label		Survey period	Survey frequency
	han_cor6_measures8	corona june: short time work		West and east 06/2020	once
					- Cited
Vording of	question	1			
					Further information
Jun 20					
	Which measures did your com	npany take due to the corona par	ndemics? (multiple answers	s possible)	
		V [4]]		
		Yes [1]			
	Short time work				
	Name	Label		Survey period	Survey frequency
	han_cor_shorttime2	corona: mean percentage wor	k reduction of	West and east 06/2020 to 03/2022	monthly
	man_cor_snorttimez	employees in short time work		West and east 00/2020 to 05/2022	
					·
voraing of	question	1			·
					Further information
Jun 20					
Jun 20		reduction of employees in short t	.ime work:		Eurther information
Jun 20		eduction of employees in short t	time work:		Eurther information
Jun 20	Mean percentage work time r	eduction of employees in short t	time work:		Eurther information
Jun 20	Mean percentage work time ro		time work:	Survey period	Further information Covid-question
Jun 20	Mean percentage work time r	reduction of employees in short t	time work:	Survey period	Eurther information
Jun 20	Mean percentage work time ro			Survey period West and east 06/2020	Further information Covid-question
Jun 20	Mean percentage work time r	Label			Further information Covid-question Survey frequency
Jun 20	Mean percentage work time n % Name han_cor6_shorttime3	Label corona june: short time work i			Further information Covid-question Survey frequency
Jun 20	Mean percentage work time regions with the regions of the regions	Label corona june: short time work i			Further information Covid-question Survey frequency
Jun 20	Mean percentage work time regions with the regions of the regions	Label corona june: short time work i			Further information Covid-question Survey frequency once
Jun 20 Vording of a	Mean percentage work time in % Name han_cor6_shorttime3 question	Label corona june: short time work i	in next three		Further information Covid-question Survey frequency once
Jun 20 Vording of a	Mean percentage work time in % Name han_cor6_shorttime3 question In the next three months, the	corona june: short time work i months use of short time work in our co	in next three		Further information Covid-question Survey frequency once
Jun 20 Vording of a	Mean percentage work time in % Name han_cor6_shorttime3 question	Label corona june: short time work i months euse of short time work in our co	in next three		Further information Covid-question Survey frequency once
Jun 20 Wording of a	Mean percentage work time in % Name han_cor6_shorttime3 question In the next three months, the	corona june: short time work i months use of short time work in our co	in next three		Further information Covid-question Survey frequency once

Survey period

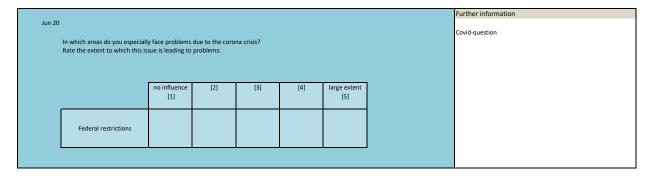
Survey frequency

		corona: time until business situation will normalize (best case)	West and east 06/2020	once
Wording of o	question	normanze (vest case)		
Wording o	Juestion			Further information
		estimate the further development of the crisis. (Plea	se fill in a number smaller 1, e.g. "0.5" for	Further information Covid-question
	When do you expect the state In the best case in:	of business to normalize?		
	months			
	Name	Label	Survey period	Survey frequency
	han_cor6_duration3	corona: time until business situation will normalize (best case)	West and east 06/2020	once
Wording of o	question			
Jun 20				Further information
	In the following we ask you to 2 weeks)	o estimate the further development of the crisis. (Pleas	se fill in a number smaller 1, e.g. "0.5" for	Covid-question
	When do you expect the state In the worst case in:	of business to normalize?		
	months			
	Name	Label	Survey period	Survey frequency
	han_cor6_change	corona june: changes within company after pandemic	West and east 06/2020	once
Wording of o				Further information
Jun 20		es in your company after the corona crisis?		
	No changes	[2] [3] [4] Lar	ge changes	
	[1]		[5]	
	Name	Label	Survey period	Survey frequency
	Name han_cor_prob_fin	Label corona: problem finances	Survey period West and east 06/2020 to 06/2021	Survey frequency Feb, Jun, Nov
	han_cor_prob_fin			Feb, Jun, Nov
	han_cor_prob_fin			Feb, Jun, Nov Further information
Wording of o	han_cor_prob_fin question	corona: problem finances		Feb, Jun, Nov
Wording of o	han_cor_prob_fin question In which areas do you especial	corona: problem finances		Feb, Jun, Nov Further information

	ne	Label	Survey period	Survey frequency
han_	_cor_prob_market	corona: problem domestic market	West and east 06/2020 to 06/2021	Feb, Jun, Nov
Wording of quest	stion			
				Further information
	hich areas do you especially the extent to which this iss	r face problems due to the corona crisis? ue is leading to problems:		Covid-question
	domestic market	no influence [2] [3] [4	a] large extent [5]	
Nam	me	Label	Survey period	Survey frequency
han_ et	_cor_prob_formark	corona: problem foreign markets	West and east 06/2020 to 06/2021	Feb, Jun, Nov
Wording of quest	stion			
Jun 20				Further information
In whi		face problems due to the corona crisis?		Covid-question
	the extent to which this iss			
		no influence [2] [3] [4	large extent [5]	
	foreign markets			
Nam	ne	Label	Survey period	Survey frequency
		and the second s		F 1 1 1
nan_	_cor_prob_empl	corona: problem employees	West and east 06/2020 to 06/2021	Feb, Jun, Nov
Wording of quest		corona: problem employees	West and east 06/2020 to 06/2021	Feb, Jun, Nov
		corona: problem employees	West and east 06/2020 to 06/2021	Feb, Jun, Nov
Wording of quest	stion	· face problems due to the corona crisis?	West and east 06/2020 to 06/2021	
Wording of quest	stion	· face problems due to the corona crisis?	West and east 06/2020 to 06/2021	Further information
Wording of quest	stion	· face problems due to the corona crisis?		Further information
Wording of quest	stion	r face problems due to the corona crisis? ue is leading to problems: no influence [2] [3] [4	ı] large extent	Further information
Wording of quest	stion hich areas do you especially the extent to which this iss	r face problems due to the corona crisis? ue is leading to problems: no influence [2] [3] [4	ı] large extent	Further information
Jun 20 In whi	hich areas do you especially the extent to which this iss Eymployees	r face problems due to the corona crisis? ue is leading to problems: no influence [2] [3] [4	l] large extent [5]	Further information Covid-question
Wording of quest	hich areas do you especially the extent to which this iss Eymployees	r face problems due to the corona crisis? ue is leading to problems: no influence [2] [3] [4	large extent [5] Survey period	Further information
Jun 20 In whi	hich areas do you especially the extent to which this iss Eymployees	r face problems due to the corona crisis? ue is leading to problems: no influence [2] [3] [4	l] large extent [5]	Further information Covid-question
Jun 20 In whi	hich areas do you especially the extent to which this iss Eymployees mecorprobsupply	r face problems due to the corona crisis? ue is leading to problems: no influence [2] [3] [4] Label	large extent [5] Survey period	Further information Covid-question Survey frequency Feb, Jun, Nov
Jun 20 In whi Rate t	hich areas do you especially the extent to which this iss Eymployees mecorprobsupply	r face problems due to the corona crisis? ue is leading to problems: no influence [2] [3] [4] Label	large extent [5] Survey period	Further information Covid-question Survey frequency Feb, Jun, Nov
Nam Wording of quest In white the state of	hich areas do you especially the extent to which this iss Eymployees mecorprobsupply	rface problems due to the corona crisis? ue is leading to problems: no influence [2] [3] [4] Label corona: problem supply	large extent [5] Survey period	Further information Covid-question Survey frequency Feb, Jun, Nov

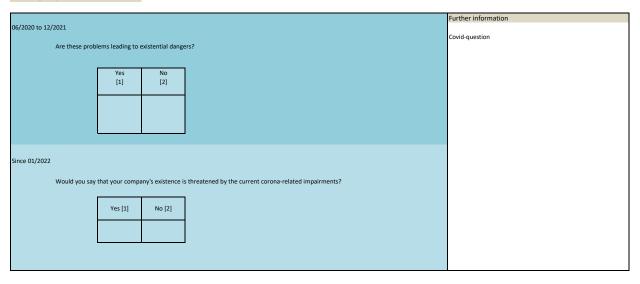
	[1]		[5]	
Supply (e.g. supply chains, storage)				

Name	Label	Survey period	Survey frequency
han_cor_prob_regulati	corona: problem federal regulations	West and east 06/2020 to 06/2021	Feb, Jun, Nov
on			



Name	Labei	Survey period	Survey frequency
han_cor_prob_exist	corona: problems endanger existence	West and east 06/2020 to 06/2021	Feb, Jun, Nov
		West and east 12/2021 to 02/2022	monthly

Wording of question



Name	Label	Survey period	Survey frequency
han our stwork	corona: shorttime yes or no	West and east 07/2020 to 11/2021	Jan, Feb, Apr, May, Jul, Aug, Oct,
han_cor_stwork	corona. Shortcime yes or no	West and east 07/2020 to 11/2021	, , , , , , , , , , , , , , , , , , , ,
			Nov
		West and east 01/2022 to 12/2022	Jan, Mrch, Apr, May, Dec
		West and east 01/2023 to 06/2023	Jan



	Name	Label	Survey period	Survey frequency
	han_cor1_lybc_v	corona july: change in turnover best case	West and east 07/2020	once
Wording	of question			
	·			Further information
Ju	ıl 20			Turtier information
	What is your expected perce	entage change in turnover in 2020 compared to 2019?		
	Best case:			
	%			
	76			
	Name	Label	Survey period	Survey frequency
	Name	Labei	Survey period	survey frequency
	han_cor1_lybc	corona july: change in turnover best case dont	West and east 07/2020	once
		know		
Wording	of question			
	ıl 20			Further information
Ju		2020		
		entage change in turnover in 2020 compared to 2019?		
	Best case:			
		Don't know [3]		
	Name	Label	Survey period	Survey frequency
	han_cor1_lywc_v	corona july: change in turnover worst case	West and east 07/2020	once
Wording	of question			
				Further information
Ju	ıl 20			
	What is your expected perce	entage change in turnover in 2020 compared to 2019?		
	Worst case:			
	%			
	Name	Label	Survey period	Survey frequency
	han_cor1_lywc	corona july: change in turnover worst case dont know	West and east 07/2020	once
Wording	of question			
Wording	, or question			
Ju	ıl 20			Further information
	What is your expected perce	entage change in turnover in 2020 compared to 2019?		
	Worst case:			
		Weiß nicht		
		[3]		
	Name	Label	Survey period	Survey frequency
			, ,	
	han_cor1_lyac_v	corona july: change in turnover most likely	West and east 07/2020	once

Jul 20		risks into account, I expect a percentage change in turnover in	n 2020 of:	Further information
	%			
	Name	Label	Survey period	Survey frequency
	han_cor1_lyac	corona july: change in turnover most likely case dont know	West and east 07/2020	once
Wording of	fquestion			
Jul 20		risks into account, I expect a percentage change in turnover in Don't know [3]	1 2020 of:	Further information
	Name	Label	Survey period	Survey frequency
	han_cor2_pbpc_sv	corona july: long run changes in business model likelihood	West and east 07/2020	once
Wording of	f question	illoder ikenillood		
Jul 20	For this question you can eith	her answer by giving a single value or an interval. Lurable changes for your business model due to the corona pa	indemic?	Further information
	Name	Label	Survey period	Survey frequency
	han_cor2_pbpc_min	corona july: long run changes in business	West and east 07/2020	once
Wording of	f question	model minimum likelihood		
	0			Further information
Jul 20		ner answer by giving a single value or an interval. Lurable changes for your business model due to the corona pa	indemic?	
Jul 2	How likely do you think are d The likelihood equals at least	lurable changes for your business model due to the corona pa	indemic? Survey period	Survey frequency
Jul 2	How likely do you think are d The likelihood equals at least	turable changes for your business model due to the corona particles. Label corona july: long run changes in business		Survey frequency once
Wording of	How likely do you think are d The likelihood equals at least % Name han_cor2_pbpc_max	urable changes for your business model due to the corona page.:	Survey period	
	How likely do you think are d The likelihood equals at least Name han_cor2_pbpc_max f question For this question you can eith	turable changes for your business model due to the corona particles. Label corona july: long run changes in business	Survey period West and east 07/2020	

	Name	Label	Survey period	Survey frequency
	han_cor2_pbpc	corona july: long run changes in business model dont know	West and east 07/2020	once
Wording of	f question			
Jul 20	0			Further information
		ther answer by giving a single value or an interval. durable changes for your business model due to the coror	na pandemic?	
		Don't know [3]		
	Name	Label	Survey period	Survey frequency
	han_cor8_turnover_n	O corona aug: no effect of pandemics on turnover	West and east 08/2020	once
Wording of	f question			
Aug 20	0			Further information
	Which effect of the corona	pandemics on your campanies' turnover do you expect in t	the current year?	Covid-question
		no effect		
		[1]		
	Name	Label	Survey period	Survey frequency
	han_cor8_turnover_ir	corona aug: positive percentage change in	West and east 08/2020	once
Wording of	f question	turnover due to pandennes		
Wording of		tuniover due to pandernits		Further information
	0	pandemics on your campanies' turnover do you expect in t		Further information Covid-question
	0			
	0 Which effect of the corona p			
	Which effect of the corona place of:			
	Which effect of the corona place of:			
	Which effect of the corona place of:	pandemics on your campanies' turnover do you expect in I	the current year?	Covid-question
	Which effect of the corona plant increase of: Name han_cor8_turnover_d c	pandemics on your campanies' turnover do you expect in to be a constant of the	the current year? Survey period	Covid-question Survey frequency
Aug 2(Which effect of the corona prince of:	pandemics on your campanies' turnover do you expect in to be a constant of the	the current year? Survey period	Covid-question Survey frequency
Aug 20	Which effect of the corona plant increase of:	pandemics on your campanies' turnover do you expect in to be a constant of the	Survey period West and east 08/2020	Covid-question Survey frequency once
Aug 2(Which effect of the corona plant increase of:	Label corona aug: negative percentage change in turnover due to pandemics	Survey period West and east 08/2020	Covid-question Survey frequency once

	Name	Label	Survey period	Survey frequency
	han_cor8_invest_no	corona aug: no effect of pandemics on investment	West and east 08/2020	once
Wording of	question			
Aug 20		ndemics on your campanies' investments do you expect in the o		urther information
	Name	Label	Survey period	Survey frequency
Wording of	han_cor8_invest_inc	corona aug: positive percentage change in investment due to pandemics	West and east 08/2020	once
Aug 20		ndemics on your campanies' investments do you expect in the o		urther information
_	Name	Label	Survey period	Survey frequency
Wording of	han_cor8_invest_dec	corona aug: negative percentage change in investment due to pandemics	West and east 08/2020	once
Wording of	question		F	once urther information
	Which effect of the corona pa	investment due to pandemics	F	
	which effect of the corona pa Decrease of:	investment due to pandemics ndemics on your campanies' investments do you expect in the o	urrent year?	urther information
Aug 20	Decrease of: Name han_cor8_change f question	Indemics on your campanies' investments do you expect in the of the corona aug: durable change in business after pandemics es in your company after the corona pandemics?	urrent year? Survey period West and east 08/2020	urther information Survey frequency
Aug 20	Decrease of: Name han_cor8_change question Do you expect durable change	Indemics on your campanies' investments do you expect in the companies after pandemics Label corona aug: durable change in business after pandemics es in your company after the corona pandemics?	urrent year? Survey period West and east 08/2020	urther information Survey frequency once

Wording of question			
Aug 20			Further information
	ts do you expect in the following segments compared to the tim	e before the corona pandemics?	
	no change		
	[1]		
Remote working			
Name	Label	Survey period	Survey frequency
han care home inc	corona aug: home office increase in percent	West and east 08/2020	once
han_cor8_home_inc	corona aug. nome office increase in percent	West and east 00/2020	onec .
Wording of question			
Aug 20			Further information
Aug 20	to do you award in the following accompany to some and to the simple	a hafara aha aaraan aandamias?	
which long-term development	ts do you expect in the following segments compared to the tim	e before the corona pandemics:	
Remote working			
Increase of:	<u> </u>		
Name	Label	Survey period	Survey frequency
han_cor8_home_dec	corona aug: home office decrease in percent	West and east 08/2020	once
Wording of question			
Aug 20			Further information
Which long-term development	ts do you expect in the following segments compared to the tim	e before the corona pandemics?	
Remote working			
Decrease of:	%		
Name	Label	Survey period	Survey frequency
han_cor8_travel_no	corona aug: business travel no change	West and east 08/2020	once
Wording of question			
, , , , , , , , , , , , , , , , , , ,	•		Further information
Aug 20			, at the monitoring
Which long-term development	ts do you expect in the following segments compared to the tim	e before the corona pandemics?	
	no change [1]		
Business travel			
Name	Label	Survey period	Survey frequency
han_cor8_travel_inc	corona aug: business travel increase in percent	West and east 08/2020	once
Wording of question			
wording or question			
Aug 20			Further information

	which long term development	ts do you expect in the following segments compared to the tir	me before the corona pandemics?	
	Business travel			
	Increase of:	%		
	Name	Label	Survey period	Survey frequency
	han_cor8_travel_dec	corona aug: business travel decrease in	West and east 08/2020	once
	nan_coro_craver_uec	percent	West and east out 2020	Office
Wording of	question	l		
Aug 20				Further information
		ts do you expect in the following segments compared to the tir	ne before the corona pandemics?	
	Business travel			
	Decrease of:	%		
	Name	Label	Survey period	Survey frequency
	han_cor8_meetings_no	corona aug: virtual meetings no change	West and east 08/2020	once
Wording of	question			
Aug 20				Further information
	Which long-term development	ts do you expect in the following segments compared to the tir	ne before the corona pandemics?	
		no change [1]		
	Matural mostings			
	Virtual meetings			
	Name	Label	Survey period	Survey frequency
	Name han_cor8_meetings_inc	assas and victoral massings in assass in	Survey period West and east 08/2020	Survey frequency once
	han_cor8_meetings_inc	assas and victoral massings in assass in		
	han_cor8_meetings_inc	assas and victoral massings in assass in		once
	han_cor8_meetings_inc	assas and victoral massings in assass in		
Wording of a	han_cor8_meetings_inc	assas and victoral massings in assass in	West and east 08/2020	once
Wording of Aug 20	han_cor8_meetings_inc	corona aug: virtual meetings increase in percent	West and east 08/2020	once
Wording of a	han_cor8_meetings_inc question Which long-term development	corona aug: virtual meetings increase in percent	West and east 08/2020	once
Wording of a	han_cor8_meetings_inco question Which long-term development Virtual meetings	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020	once
Wording of a	han_cor8_meetings_inc question Which long-term development Virtual meetings Increase of:	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020 me before the corona pandemics?	once Further information
Wording of a	han_cor8_meetings_inco question Which long-term development Virtual meetings	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020	once
Wording of a	han_cor8_meetings_inc question Which long-term development Virtual meetings Increase of:	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020 me before the corona pandemics?	once Further information
Wording of a Aug 20	han_cor8_meetings_inc question Which long-term development Virtual meetings Increase of: Name han_cor8_meetings_de c	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020 me before the corona pandemics? Survey period	once Further information Survey frequency
Wording of a	han_cor8_meetings_inc question Which long-term development Virtual meetings Increase of: Name han_cor8_meetings_de c question	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020 me before the corona pandemics? Survey period	once Further information Survey frequency
Wording of a	han_cor8_meetings_inc question Which long-term development Virtual meetings Increase of: Name han_cor8_meetings_de c question	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020 me before the corona pandemics? Survey period West and east 08/2020	once Further information Survey frequency once
Wording of a	han_cor8_meetings_inc question Which long-term development Virtual meetings Increase of: Name han_cor8_meetings_de c question	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020 me before the corona pandemics? Survey period West and east 08/2020	once Further information Survey frequency once
Wording of a Aug 20	han_cor8_meetings_inc question Which long-term development Virtual meetings Increase of: Name han_cor8_meetings_de c question	corona aug: virtual meetings increase in percent ts do you expect in the following segments compared to the tire	West and east 08/2020 me before the corona pandemics? Survey period West and east 08/2020	once Further information Survey frequency once

	Name	Label	Survey period	Survey frequency
	han_cor8_empl_now	corona: number of employees currently	West and east 08/2020	once
Wording	of question			Fronth as in formation
Au	g 20 What is the current number o	of employees in your company?		Further information Covid-question
		_ persons		
	Name	Label	Survey period	Survey frequency
	han_cor8_gdp20	corona aug: expected GDP change Germany 2020	West and east 08/2020	once
Wording	of question			
Au	g 20			Further information
		ntage change in German gross domestic product in the following	g year compared to the year	
	2020:	%		
	Name	Label	Survey period	Survey frequency
	han_cor8_gdp21	corona aug: expected GDP change Germany 2021	West and east 08/2020	once
Wording	of question			
4.	- 20			Further information
Au	g 20 What is your expected perceibefore?	ntage change in German gross domestic product in the following	g year compared to the year	
	2021:	%		
	Name	Label	Survey period	Survey frequency
	han_cor8_fairs_past	corona: trade fairs attendance past	West and east 08/2020	once
Wording	of question			
Au	g 20			Further information Covid-question
	Was your company involved	in international fairs as an exhibitor in the last two years?		
	Yes [1]	No [2]		
	Name	Label	Survey period	Survey frequency

Wording of question

Aug 20					Further information
In the future pa	articipation in fa	irs by our comp	any will be		
	increased [1]	constant [2]	reduced [3]		
Name		Label		Survey period	Survey frequency

Name		Label	Survey period	Survey frequency
han_cort	3_fairs_digital	corona aug: trade fairs digital alternatives	West and east 08/2020	once
Wording of question		I		
Aug 20				Further information
Will your c	ompany increasingl	y make use of fairs?		
	Yes [1]	No [2]		

Name	Label	Survey period	Survey frequency
han_cor8_fairs_loss	corona: trade fairs economic losses	West and east 08/2020	once

Wording of question



Name	Label	Survey period	Survey frequency
han_cor9_eq1	corona sep: equity ratio in 2019	West and east 09/2020	once

Wording of question

Name	Label	Survey period	Survey frequency
han_cor9_eq2	corona sep: change in equity ratio	West and east 09/2020	once

									Further information
Sep 20									
Did th	ne equity ratio of yo	ur company change o	during the corona	a crisis?					
	Decrea	ase [-2]	[-1]	[0]	[+1]	[+2]	Increase		
	[-3]						[+3]		
			<u> </u>		l	<u> </u>			
Nam	ne	Label				Survey perio	od		Survey frequency
han_	_cor9_loan		ailability of bank	loans change		West and ea	ast 09/2020		once
		since march 2	020						
Wording of quest	tion								
0.00									Further information
Sep 20									
How	did the availibility of	f bank loans change f	rom march 2020	on?					
	negativ [-3]		[-1]	[0]	[+1]	[+2]	positively [+3]		
	[5]						[.5]		
Nam	ne	Label	-	-	-	Survey perio	od	-	Survey frequency
						, ,			, , ,
han_	_cor9_interest	corona sep: ch	nange in loan inte	erest yes or no		West and ea	ast 09/2020		once
		corona sep: ch	nange in loan inte	erest yes or no		West and ea	ast 09/2020		once
han_ Wording of quest		corona sep: cf	nange in loan inte	erest yes or no		West and ea	ast 09/2020		once
Wording of quest		corona sep: ch	nange in loan inte	erest yes or no		West and ea	ast 09/2020		once Further information
Wording of quest	tion					West and ea	ast 09/2020		
Wording of quest	tion	corona sep: cf				West and ea	ast 09/2020		
Wording of quest	our company face cl	nanges in loan intere				West and ea	est 09/2020		
Wording of quest	tion	nanges in loan intere				West and ea	ast 09/2020		
Wording of quest	our company face cl	nanges in loan intere				West and ea	ast 09/2020		
Wording of quest	our company face cl	nanges in loan intere				West and ea	ast 09/2020		
Wording of quest	our company face cl	nanges in loan intere				West and ea	ast 09/2020		
Wording of quest	our company face cl	nanges in loan intere				West and ea	ast 09/2020		
Wording of quest	our company face of	nanges in loan intere				West and ea			
Sep 20 Did yo	pur company face cl	nanges in loan intere no [2] Label	st from march 20	i20 on?		Survey perio	od		Further information
Sep 20 Did yo	our company face of	nanges in loan intere no [2] Label		i20 on?			od		Further information
Sep 20 Did yo	yes [1]	nanges in loan intere no [2] Label	st from march 20	i20 on?		Survey perio	od		Further information Survey frequency
Sep 20 Did yo	yes [1]	nanges in loan intere no [2] Label	st from march 20	i20 on?		Survey perio	od		Further information Survey frequency once
Sep 20 Did yo	yes [1]	nanges in loan intere no [2] Label	st from march 20	i20 on?		Survey perio	od		Further information Survey frequency
Sep 20 Did you han_ wording of quest	yes [1] our company face of [1]	nanges in loan intere no [2] Label corona sep: de	st from march 20	oints		Survey perio	od		Further information Survey frequency once
Sep 20 Did you han_ Wording of quest Sep 20 Did you han_ Did you han han_ Did you han han_ Did you han han_ Did you han	yes [1] our company face of [1]	nanges in loan intere no [2] Label	st from march 20	oints		Survey perio	od		Further information Survey frequency once

Survey period

Survey frequency

Name Label

	han_cor9_interest2	corona sep: increase in base points	West and east 09/2020	once
Wording of	question			
Sep 20	Did your company face change If yes, increase of:	es in loan interest from march 2020 on? Obase points = 1 percentage point)		Further information
	News		Constitution	
	Name	Label	Survey period	Survey frequency
	han_cor9_credit1	corona sep: credit line in percent of balance in march 2020	West and east 09/2020	once
Wording of	question			Further information
Sep 20	Credit line in percent of the ov In march 2020:%	verall balance sheet total.		Further illionization
-	Name	Label	Survey period	Survey frequency
	han_cor9_credit2	corona sep: credit line in percent of balance in	West and east 09/2020	once
Wording of		june 2020		
	Credit line in percent of the ox In june 2020:%	verall balance sheet total.		
	Name	Label	Survey period	Survey frequency
	han_cor9_nocredit1	corona sep: no credit line	West and east 09/2020	once
Wording of	question			
Sep 20	Credit line in percent of the ov	verall balance sheet total.		Further information
		No credit line [1]		
	Name	Label	Survey period	Survey frequency
	han_cor9_credit3	corona sep: use of credit lines in percent in march 2020	West and east 09/2020	once
Wording of	question	- 		
Sep 20	To which extent (in percent) w	vas this credit line in use?		Further information

		In march 2020:			
		Name	Label	Survey period	Survey frequency
		han_cor9_credit4	corona sep: use of credit lines in percent in june 2020	West and east 09/2020	once
	Wording of	question	June 2020		
	Sep 20				Further information
		To which extent (in percent) v	vas this credit line in use?		
		In june 2020:			
		%			
		Name	Label	Survey period	Survey frequency
		han_cor9_nocredit2	corona sep: no credit line	West and east 09/2020	once
	Wording of	question			
	Sep 20				Further information
		To which extent (in percent) v	vas this credit line in use?		
			no credit line		
			[1]		
		Nama	Label	Common marind	Survey frequency
		Name			Survey frequency
			Label	Survey period	, ., .,
		han_cor9_cash1	corona sep: cash and cash equivalents in percent of balance in march 2020	West and east 09/2020	once
	Wording of		corona sep: cash and cash equivalents in	West and east 09/2020	once
	Wording of	question	corona sep: cash and cash equivalents in percent of balance in march 2020	West and east 09/2020	
		question How high are cash and cash ed	corona sep: cash and cash equivalents in	West and east 09/2020	once
		question How high are cash and cash ed In march 2020:	corona sep: cash and cash equivalents in percent of balance in march 2020	West and east 09/2020	once
		question How high are cash and cash ed	corona sep: cash and cash equivalents in percent of balance in march 2020	West and east 09/2020	once
		question How high are cash and cash ed In march 2020:%	corona sep: cash and cash equivalents in percent of balance in march 2020 quivalents in your company in percent of the overall balance sh	West and east 09/2020 eet total?	once Further information
		question How high are cash and cash ed In march 2020:	corona sep: cash and cash equivalents in percent of balance in march 2020 quivalents in your company in percent of the overall balance sh	West and east 09/2020 eet total? Survey period	once Further information Survey frequency
		question How high are cash and cash ed In march 2020:%	corona sep: cash and cash equivalents in percent of balance in march 2020 quivalents in your company in percent of the overall balance sh	West and east 09/2020 eet total?	once Further information
_		question How high are cash and cash ed In march 2020:	corona sep: cash and cash equivalents in percent of balance in march 2020 quivalents in your company in percent of the overall balance sh	West and east 09/2020 eet total? Survey period West and east 09/2020	once Further information Survey frequency once
_	Sep 20	question How high are cash and cash ed In march 2020:	corona sep: cash and cash equivalents in percent of balance in march 2020 quivalents in your company in percent of the overall balance sh Label corona sep: cash and cash equivalents in percent of balance in June 2020	West and east 09/2020 eet total? Survey period West and east 09/2020	once Further information Survey frequency
_	Sep 20	question How high are cash and cash ed In march 2020:	corona sep: cash and cash equivalents in percent of balance in march 2020 quivalents in your company in percent of the overall balance sh	West and east 09/2020 eet total? Survey period West and east 09/2020	once Further information Survey frequency once
_	Sep 20	question How high are cash and cash ed In march 2020:	corona sep: cash and cash equivalents in percent of balance in march 2020 quivalents in your company in percent of the overall balance sh Label corona sep: cash and cash equivalents in percent of balance in June 2020	West and east 09/2020 eet total? Survey period West and east 09/2020	once Further information Survey frequency once

Label Survey frequency Name Survey period West and east 09/2020 once han_cor9_r1a corona sep: expected unemployment rate Germany in 2022 Wording of question Further information Sep 20 The variables han_cor9_r1a to han_cor9_r6b were posed to a subgroup of the asked persons. A sixth of the overall sample was posed the combination of two questions (e.g. 1a and 1b). What do you think, how high will the unemployment rate in Germany be in the year 2022 on average? % Label Survey period Survey frequency Name West and east 09/2020 once han_cor9_r1b corona sep: expected ECB prime rate in 2022 Wording of question urther information Sep 20 The variables han cor9 r1a to han cor9 r6b were posed to a subgroup of the asked persons. A sixth of the overall sample was posed the combination of two questions (e.g. 1a and 1b). The current prime rate of the European Central Bank (ECB) equals 0%. What do you think, how high will the prime rate of the European Central Bank (ECB) in 2022 on average? % Survey period Survey frequency West and east 09/2020 han_cor9_r2a corona sep: expected ECB prime rate in 2022 Wording of question Further information
The variables han_cor9_r1a to han_cor9_r6b were posed to a Sep 20 subgroup of the asked persons. A sixth of the overall sample was osed the combination of two questions (e.g. 1a and 1b). The current prime rate of the European Central Bank (ECB) equals 0%. What do you think, how high will the prime rate of the European Central Bank (ECB) in 2022 on average? Label Survey period Survey frequency han_cor9_r2b corona sep: expected unemployment rate West and east 09/2020 once Germany in 2022 Wording of question Further information The variables han_cor9_r1a to han_cor9_r6b were posed to a subgroup of the asked persons. A sixth of the overall sample was Sep 20 What do you think, how high will the unemployment rate in Germany be in the year 2022 on average? posed the combination of two questions (e.g. 1a and 1b). % Label Survey period Survey frequency han_cor9_r3a corona sep: expected inflation rate Germany West and east 09/2020 once in 2022 Wording of question

Further information

Sep 20		will the inflation rate in Germany be in the year 2022 on averag	e?	The variables han_cor9_r1a to han_cor9_r6b were posed to a subgroup of the asked persons. A sixth of the overall sample wa posed the combination of two questions (e.g. 1a and 1b).
	Name	Label	Survey period	Survey frequency
	han_cor9_r3b	corona sep: expected ECB prime rate in 2022	West and east 09/2020	once
Wording of				
Wording or	question			Further information
Sep 20		will the prime rate of the European Central Bank (ECB) in 2022 c	on average?	The variables han_cor9_r1a to han_cor9_r6b were posed to a subgroup of the asked persons. A sixth of the overall sample wa posed the combination of two questions (e.g. 1a and 1b).
	%			
	Name	Label	Survey period	Survey frequency
	han_cor9_r4a	corona sep: expected ECB prime rate in 2022	West and east 09/2020	once
Wording of				
Sep 20		will the prime rate of the European Central Bank (ECB) in 2022 o	on average?	Further information The variables han_cor9_r1a to han_cor9_r6b were posed to a subgroup of the asked persons. A sixth of the overall sample wa posed the combination of two questions (e.g. 1a and 1b).
	Name	Label	Survey period	Survey frequency
	han_cor9_r4b	corona sep: expected inflation rate Germany	West and east 09/2020	once
Wording of	question	in 2022		
Sep 20		will the inflation rate in Germany in 2022?		Further information The variables han_cor9_r1a to han_cor9_r6b were posed to a subgroup of the asked persons. A sixth of the overall sample wa posed the combination of two questions (e.g. 1a and 1b).
	<u></u> %			
	Name	Label	Survey period	Survey frequency
	han_cor9_r5a	corona sep: ECB prime rate in 2025	West and east 09/2020	once
Wording of	question			
Sep 20		European Central Bank (ECB) equals 0%. What do you think, ho in 2025 on average?	w high will the prime rate of the	Further information The variables han_cor9_r1a to han_cor9_r6b were posed to a subgroup of the asked persons. A sixth of the overall sample wa posed the combination of two questions (e.g. 1a and 1b).
	<u> </u>			

Name	Label			Survey perio	od		Survey frequency
han_cor9_r5b	corona sep: tro	ust in predictions of experts		West and e	ast 09/2020		once
Wording of question							
ÿ ,						E.,	urther information
Sep 20						The	ne variables han_cor9_r1a to han_cor9_r6b were posed to a lbgroup of the asked persons. A sixth of the overall sample w
To which extent do	you trust in economic pred	dictions of experts?					osed the combination of two questions (e.g. 1a and 1b).
	no trust [2]	[3] [4]	[5]	[6]	high trust		
	[1]				[7]		
Name	Label			Survey perio	od		Survey frequency
han_cor9_r6a	corona sen: ex	pected inflation rate Germany		West and e	act 00/2020		once
nan_cors_roa	in 2025	pecied illustrate definish,		west and e	ast 05/2020		Unice
Wording of question							
						Fu	urther information
Sep 20						sub	ne variables han_cor9_r1a to han_cor9_r6b were posed to a lbgroup of the asked persons. A sixth of the overall sample w
What do you think,	how high will the prime ra	te of the European Central Ban	k (ECB) in 2025 o	n average?		po	osed the combination of two questions (e.g. 1a and 1b).
%							
Name	Label			Survey perio	od		Survey frequency
han_cor9_r6b	corona sep: tri	ust in predictions of experts		West and e	ast 09/2020		once
Wording of question							
						F.,	ush as information
Sep 20						The	urther information the variables han_cor9_r1a to han_cor9_r6b were posed to a obgroup of the asked persons. A sixth of the overall sample w
To which extent do	you trust in economic prec	lictions of experts?					osed the combination of two questions (e.g. 1a and 1b).
	no trust [2]	[3] [4]	[5]	[6]	high trust	1	
	[1]				[7]		
L							
Name	Label			Survey perio	od		Survey frequency
han_cor10_prid	ce_comp corona octobe	r: relevance of developments i roduction	n	West and e	ast 10/2020		once
Wording of question	_						
							urther information
Okt 20						Fu	urther information

	Name	Label	Survey period	Survey frequency
			.,,,.	
	han cor10 price mark	corona october: relevance of development in	West and east 10/2020	once
	et	market segment for production	West and east 10/2020	Office
Wording of	question			
				Further information
Okt 20				
	How important are the following	ng aspects for your decisisions regarding pricing?		
		not impor-tant [2] [3] [4]	very important	
		at all	[5]	
		[1]		
	Expected developments in the			
	respective market segment			
	Name	Label	Survey period	Survey frequency
	han_cor10_price_econ	corona october: relevance of overall economic	West and east 10/2020	once
				0.166
		developments for production		S.ISC
Wording of		developments for production		O. C.
Wording of		developments for production		
Wording of Okt 20	question	developments for production		Further information
	question	developments for production		
	question	developments for production ng aspects for your decisisions regarding pricing?		
	question	developments for production		
	question	developments for production		
	question	ng aspects for your decisisions regarding pricing?	very important	
	question	ng aspects for your decisisions regarding pricing?		
	question	ng aspects for your decisisions regarding pricing? Not important [2] [3] [4] at all	very important	
	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important [2] [3] [4] at all	very important	
	question How important are the following	ng aspects for your decisisions regarding pricing? Not important [2] [3] [4] at all	very important	
Wording of Okt 20	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important [2] [3] [4] at all	very important	
	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important [2] [3] [4] at all	very important	
	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important [2] [3] [4] at all	very important	
	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important at all [1] [3] [4]	very important [5]	Further information
	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important [2] [3] [4] at all	very important	
Okt 20	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important at all [1] [3] [4]	very important [5]	Further information
Okt 20	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important at all [1] [3] [4]	very important [5]	Further information
Okt 20	question How important are the following th	ng aspects for your decisisions regarding pricing? Not important at all [1] [3] [4] [4] [1] [4] [5]	very important [5] Survey period	Further information Survey frequency
Okt 20	Question How important are the following th	ng aspects for your decisisions regarding pricing? Not important at all [1] [3] [4] [4] [1] [4] [5]	very important [5] Survey period	Further information Survey frequency
Okt 20	Question How important are the following th	ng aspects for your decisisions regarding pricing? Not important at all [1] [3] [4] [4] [1] [4] [5]	very important [5] Survey period	Further information Survey frequency

Okt 20

Compared to December 2019,	does your comp	any use more or	less of the follo	wing financing o
	increase [1]	no change [2]	decrease [3]	not present [4]
credit lines				

		Label	Survey period	Survey frequency
	han_cor10_fin2	corona oct: use of bank loans	West and east 10/2020	once
	nun_cor1o_miz		West und cast 10/2020	once
Wording of	f question			
				Further information
Okt 20	0			
	Compared to December 2019), does your company use more or less of the	e following financing ontions?	
		, , ,		
		increase no change decrea		
		[1] [2] [3]	[4]	
	hands because of the second se			
	bank loans (except credit line	2)		
	Name	Label	Survey period	Survey frequency
	han_cor10_fin3	corona oct: use of bonds	West and east 10/2020	once
	·			
. 7 or alling Of	f question			
. rording Of	question			Further information
Okt 20		•		Further information
	0), does your company use more or less of the	e following financing options?	Further information
	0	o, does your company use more or less of the	e following financing options?	Further information
	0	o, does your company use more or less of the	e following financing options?	Further information
	0	d, does your company use more or less of the	e following financing options?	Further information
	0	increase no change decrea	sse not present	Further information
	0			Further information
	0	increase no change decrea	sse not present	Further information
	0	increase no change decrea	sse not present	Further information
	O Compared to December 2019	increase no change decrea	sse not present	Further information
	O Compared to December 2019	increase no change decrea	sse not present	Further information
	O Compared to December 2019	increase no change decrea	sse not present	Further information
	O Compared to December 2019	increase no change decrea	sse not present	Further information
	O Compared to December 2019	increase no change decrea	sse not present	Further information
	O Compared to December 2019	increase no change decrea	sse not present	Further information Survey frequency
	Compared to December 2019 bonds	increase no change decrea [1] [2] [3]	sse not present [4]	
	Compared to December 2019 bonds	increase no change decrea [1] [2] [3]	sse not present [4] Survey period	Survey frequency
	Compared to December 2019 bonds	increase no change decrea [1] [2] [3]	sse not present [4]	
Okt 20	Compared to December 2019 bonds Name han_cor10_fin4	increase no change decrea [1] [2] [3]	sse not present [4] Survey period	Survey frequency
	Compared to December 2019 bonds Name han_cor10_fin4	increase no change decrea [1] [2] [3]	sse not present [4] Survey period	Survey frequency
Okt 20	Compared to December 2019 bonds Name han_cor10_fin4	increase no change decrea [1] [2] [3]	sse not present [4] Survey period	Survey frequency
Okt 20	Compared to December 2019 bonds Name han_cor10_fin4 f question	increase no change decrea [1] [2] [3]	sse not present [4] Survey period	Survey frequency once

Compared to December 2019, o	does your comp	any use more or	less of the follo	owing financing o
	increase [1]	no change [2]	decrease [3]	not present [4]
equity (inclding withheld earnings)				

	Name	Label	Survey period	Survey frequency
		_		
	han_cor10_credit_use1	corona oct: use of credit lines due to lack of liquidity	West and east 10/2020	once
Wording of	question			
Okt 20				Further information
OKI 20		credit line more extensively since December 2019?		
		Yes		
		[1]		

Name	Label	Survey period	Survey frequency
han_cor10_credit_use	corona oct: use of credit lines for stock of	West and east 10/2020	once
	ilquidity		

Wording of question

due to a lack of liquidity

Okt 20

Why did your comapny use ist credit line more extensively since December 2019?

Yes
[1]

building stock of liquidity

Name	Label	Survey period	Survey frequency
han_cor10_credit_use3	corona oct: use of credit lines for investment	West and east 10/2020	once
Wording of question			

Further information
Okt 20

		Why did your comapny use ist	credit line more extensively since December 2019?		
			Yes [1]		
		investments			
		Name	Label	Survey period	Survey frequency
		han_cor10_credit_use4	corona oct: use of credit lines for other reasons	West and east 10/2020	once
	Wording of	question			
	Okt 20	1			Further information
			credit line more extensively since December 2019?		
			Yes [1]		
		Other reason:			
		Name	Label	Survey period	Survey frequency
_		han_cor10_credit_use4	corona oct: use of credit lines for other	Survey period West and east 10/2020	Survey frequency once
_	Wording of	han_cor10_credit_use4 _text			
		han_cor10_credit_use4 _text question	corona oct: use of credit lines for other		
	Wording of Okt 20	han_cor10_credit_use4 _text question	corona oct: use of credit lines for other		once
		han_cor10_credit_use4 _text question	corona oct: use of credit lines for other reasons (text)		once
		han_cor10_credit_use4 _text question	corona oct: use of credit lines for other reasons (text)		once
		han_cor10_credit_use4 _text question	corona oct: use of credit lines for other reasons (text)		once
		han_cor10_credit_use4 _text question Why did your comapny use lst	corona oct: use of credit lines for other reasons (text)		once
		han_cor10_credit_use4 _text question Why did your comapny use lst	corona oct: use of credit lines for other reasons (text)		once
		han_cor10_credit_use4 _text question Why did your comapny use lst	corona oct: use of credit lines for other reasons (text)		once
		han_cor10_credit_use4_text question Why did your comapny use ist Other reason:	corona oct: use of credit lines for other reasons (text) credit line more extensively since December 2019?	West and east 10/2020	Once Further information
		han_cor10_credit_use4 _text question Why did your comapny use ist Other reason: Name han_cor10_credit_dec1	corona oct: use of credit lines for other reasons (text) credit line more extensively since December 2019?	West and east 10/2020 Survey period	once Further information Survey frequency
	Okt 20	han_cor10_credit_use4 _text question Why did your comapny use ist Other reason: Name han_cor10_credit_dec1	corona oct: use of credit lines for other reasons (text) credit line more extensively since December 2019?	West and east 10/2020 Survey period	once Further information Survey frequency
	Okt 20	han_cor10_credit_use4 _text question Why did your comapny use ist Other reason: Name han_cor10_credit_dec1 question	corona oct: use of credit lines for other reasons (text) credit line more extensively since December 2019?	West and east 10/2020 Survey period	once Further information Survey frequency once



	Name	Label	Survey period	Survey frequency
	han_cor10_credit_dec2	corona oct: credit lines payed back by other credit	West and east 10/2020	once
Wording o	of question			
				Further information
Okt 2	20			
	How was your company able	to reduce the use of ist credit line since December 2019?		
		Yes		
		[1]		
	Credit line payed back by taking another bank loan			
	Name	Label	Survey period	Survey frequency
	han_cor10_credit_dec3	corona oct: credit lines payed back because capital not required	West and east 10/2020	once
Wording o	of question			
				Further information
Wording o				Further information
	20	to reduce the use of ist credit line since December 2019?		Further information
	20	to reduce the use of ist credit line since December 2019?		Further information
	20	to reduce the use of ist credit line since December 2019?		Further information
	20	Yes		Further information
	20			Further information
	20	Yes		Further information
	20	Yes		Further information
	20 How was your company able	Yes		Further information
	20 How was your company able	Yes		Further information
	20 How was your company able	Yes		Further information
	20 How was your company able	Yes		Further information
	20 How was your company able	Yes	Survey period	Further information Survey frequency
	How was your company able : No other use for capital	Yes [1]	Survey period	
	How was your company able : No other use for capital	Yes [1]	Survey period West and east 10/2020	
	How was your company able to the was your company able to the was for capital Name	Yes [1]		Survey frequency
	Name Name	Yes [1]		Survey frequency
Okt 2	Name Name	Yes [1]		Survey frequency
Okt 2	No other use for capital Name han_cor10_credit_dec4	Yes [1]		Survey frequency once
Okt 2	No other use for capital Name han_cor10_credit_dec4	Yes [1]		Survey frequency once



	Name	Label	Survey period	Survey frequency
		corona oct: credit lines payed back for other reason (text)	West and east 10/2020	once
Wording of	text	Teason (text)		
Wording of	i question			Further information
Okt 20	0			Totaler mornidaen
	How was your company able to	o reduce the use of ist credit line since December 2019?		
	Other reason:			
	Name	Label	Survey period	Survey frequency
	han_cor11_empl_now	corona: number of employees currently	West and east 11/2020	once
Wording of	f question	l		
Nov 20	0			Further information
		thy amplayed in your company?		Covid-question
	How many persons are current	ny employed in your company:		
	How many persons are curren	ıy eniployed ili yodi Conipany:		
		. у енгрюуеч ін учи сопірану:		
	persons	. у ен рюуес III уом соправу:		
		. у ен рюуес III уош сопрану:		
		Label	Survey period	Survey frequency
	persons	Label		
	persons		Survey period West and east 11/2020	Survey frequency once
Wording of	persons Name han_cor11_equipsale	Label		
	persons Name han_cor11_equipsale f question	Label		once Further information
Wording of	persons Name han_cor11_equipsale f question O Regarding your company's ma	Label corona nov: difficulty to sell equipment in business activity, how easily could newly obtained machines	West and east 11/2020	once
	persons Name han_cor11_equipsale f question	Label corona nov: difficulty to sell equipment in business activity, how easily could newly obtained machines	West and east 11/2020	once Further information
	persons Name han_cor11_equipsale f question Regarding your company's manecessarry? Please consider re	Label corona nov: difficulty to sell equipment in business activity, how easily could newly obtained machines quired time and resale value.	West and east 11/2020 or equipment be sold if	once Further information
	persons Name han_cor11_equipsale f question O Regarding your company's ma	Label corona nov: difficulty to sell equipment in business activity, how easily could newly obtained machines	West and east 11/2020	once Further information

	Name	Label		Survey period	Survey frequency
	han_cor11_homeoff	corona: increased use of home offi	ice	West and east 11/2020	once
Wording of	auestion				
					Further information
Nov 20		npany take in response to the spread	of the corona virus?		only online Covid-question
		Yes [1]			
	Operating business: Increased use of home office				
	Name	Label		Survey period	Survey frequency
	han_cor11_stwork_y	corona: short-time work		West and east 11/2020	once
Wording of	question				Further information
Nov 20					only online
	Which measures did your com	npany take in response to the spread	of the corona virus?		Covid-question
	Operating business:	Yes [1]			
	Short-time work				
	Name	Label		Survey period	Survey frequency
	Name han_cor_11_overtime	Label corona: reduction of overtime		Survey period West and east 11/2020	Survey frequency once
Wording of	han_cor_11_overtime				
Wording of	han_cor_11_overtime				
Wording of	han_cor_11_overtime question		of the corona virus?		once
	han_cor_11_overtime question	corona: reduction of overtime	of the corona virus?		Once Further information only online
	han_cor_11_overtime question Which measures did your com Operating business:	corona: reduction of overtime npany take in response to the spread	of the corona virus?		Once Further information only online
	han_cor_11_overtime question Which measures did your com	corona: reduction of overtime npany take in response to the spread	of the corona virus?		Once Further information only online
	han_cor_11_overtime question Which measures did your com Operating business:	corona: reduction of overtime npany take in response to the spread	of the corona virus?		Once Further information only online
	han_cor_11_overtime question Which measures did your com Operating business: Holiday and reduction of over Name han_cor11_emplreduct	corona: reduction of overtime npany take in response to the spread Yes [1]		West and east 11/2020	Further information only online Covid-question
	han_cor_11_overtime question Which measures did your com Operating business: Holiday and reduction of over Name han_cor11_emplreduction	corona: reduction of overtime npany take in response to the spread Yes [1] ttime		West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency
Nov 20	nan_cor_11_overtime question Which measures did your com Operating business: Holiday and reduction of over Name han_cor11_emplreduct on question	corona: reduction of overtime npany take in response to the spread Yes [1] ttime		West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency
Nov 20	han_cor_11_overtime question Which measures did your com Operating business: Holiday and reduction of over Name han_cor11_emplreduct on question	corona: reduction of overtime npany take in response to the spread Yes [1] ttime		West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once
Nov 20	han_cor_11_overtime question Which measures did your com Operating business: Holiday and reduction of over Name han_cor11_emplreduct on question	corona: reduction of overtime npany take in response to the spread Yes [1] ttime Label tj corona: reduction of employment		West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online
Nov 20	han_cor_11_overtime question Which measures did your com Operating business: Holiday and reduction of over Name han_cor11_emplreduct on question	corona: reduction of overtime Tyes [1] Label Label Corona: reduction of employment Tyes [1]		West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online
Nov 20	han_cor_11_overtime question Which measures did your com Operating business: Holiday and reduction of over Name han_cor11_emplreduct on question Operating business:	corona: reduction of overtime Tyes [1] Label Label Corona: reduction of employment Tyes [1]		West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online
Nov 20	han_cor_11_overtime question Which measures did your com Operating business: Holiday and reduction of over Name han_cor11_emplreduct on question Operating business:	corona: reduction of overtime Tyes [1] Label Label Corona: reduction of employment Tyes [1]		West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online

Wording of	f question					
Nov 20	0					Further information only online
	Which measures did your compar	ny take in response	to the spr	ead of the corona virus?		Covid-question
			Yes [1]			
	Operating business: Stop of production					
	Name L	.abel			Survey period	Survey frequency
	han_cor11_storage_inc ©	orona: increased st	oraging		West and east 11/2020	once
Wording of	f question					
						Further information
Nov 20		ny tako in sa	to the	and of the corons along		only online
	Which measures did your compar	ny take in response	: to the spr	au or the corona virus?		Covid-question
			Yes [1]			
	Operating business:					
	Increased storaging					
	Name L	abel .			Survey period	Survey frequency
	han_cor11_supplier co	orona: change or d	iversification	on of supplier	West and east 11/2020	once
Mording 6	Fausstian					
Wording of	question					
Nov 20	0					Further information only online
	Which measures did your compar	ny take in response	to the spr	ead of the corona virus?		Covid-question
			Yes [1]			
	Operating business:					
	Change or diversification of suppl	liers				
	Name L	.abel			Survey period	Survey frequency
	han_cor11_bus_other co	orona: other conse	quences		West and east 11/2020	once
Wording of	f question					
Nov 20	0					Further information only online
	Which measures did your compar	ny take in response	to the spr	ead of the corona virus?		Covid-question
			Voc [1]			
			Yes [1]			
	Operating business: Other					
	Name L	abel			Survey period	Survey frequency
	han and the state	orona, ethac	augres - '	nut.	West and east 11/2020	once
	han_cor11_bus_othert co	orona: otner conse	quences te	TAL .	** EST dilu EdSt 11/2020	Office
Wording of	f question					
\$1 00	0					Further information
Nov 20	0 Which measures did your compar	ny take in response	to the cor	ead of the corona virus?		only online
	The state of the s	, concent response	. to are spi	on the corona virus:		Covid-question
]		
	Operating business:					

	Ottier, such as			
	Name	Label	Survey period	Survey frequency
	han_cor11_credit		West and east 11/2020	once
	man_cor11_credit	corona: use of credit lines	West and east 11/2020	Office
Wording	of question			
				Further information
Nov	20			only online
	Which measures did your co	mpany take in response to the spread of the corona virus?		Covid-question
		Yes [1]		
	Finance/Investment:			
	Use of exisiting credit lines			
	Name	Label	Survey period	Survey frequency
	han_cor11_newcredit	corona: new credit lines	West and east 11/2020	once
Mordina	of question			
vvoruing	or question			
Nov	20			Further information only online
	Which measures did your co	mpany take in response to the spread of the corona virus?		Covid-question
		Yes [1]		
	Finance/Investment:			
	New credit lines			
	Name	Label	Survey period	Survey frequency
		2000.	our rey periou	survey rrequeries
			survey period	Survey requertey
	han_cor11_liquidityas		West and east 11/2020	once
Wording	han_cor11_liquidityas			
Wording				once
Wording	han_cor11_liquidityas of question			
	han_cor11_liquidityas of question			once Further information
	han_cor11_liquidityas of question	corona: use of liquidity assistances		Once Further information only online
	han_cor11_liquidityas of question	corona: use of liquidity assistances		Once Further information only online
	han_cor11_liquidityas of question 20 Which measures did your col Finance/Investment:	corona: use of liquidity assistances mpany take in response to the spread of the corona virus?		Once Further information only online
	han_cor11_liquidityas of question 20 Which measures did your cor	corona: use of liquidity assistances mpany take in response to the spread of the corona virus?		Once Further information only online
	han_cor11_liquidityas of question 20 Which measures did your col Finance/Investment:	corona: use of liquidity assistances mpany take in response to the spread of the corona virus?		Once Further information only online
	han_cor11_liquidityas of question 20 Which measures did your col Finance/Investment:	corona: use of liquidity assistances mpany take in response to the spread of the corona virus?		Once Further information only online
	han_cor11_liquidityas of question 7 20 Which measures did your cor Finance/investment: Use of liquidity assistances Name	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency
	han_cor11_liquidityas of question 7 20 Which measures did your cor Finance/investment: Use of liquidity assistances	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1]	West and east 11/2020	Further information only online Covid-question
Nov	han_cor11_liquidityas of question 7 20 Which measures did your cor Finance/investment: Use of liquidity assistances Name	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency
Nov	han_cor11_liquidityas of question 720 Which measures did your cor Finance/Investment: Use of liquidity assistances Name han_cor11_investpos	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency
Nov	han_cor11_liquidityas of question 7 20 Which measures did your cor Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once
Wording	han_cor11_liquidityas of question 20 Which measures did your col Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once
Wording	han_cor11_liquidityas of question 20 Which measures did your col Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label corona: postponement of investment projects	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online
Wording	han_cor11_liquidityas of question 20 Which measures did your col Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label corona: postponement of investment projects	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online
Wording	han_cor11_liquidityas of question 7:20 Which measures did your cor Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question 7:20 Which measures did your cor Finance/Investment:	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label corona: postponement of investment projects mpany take in response to the spread of the corona virus? Yes [1]	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online
Wording	han_cor11_liquidityas of question / 20 Which measures did your cor Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question / 20 Which measures did your cor	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label corona: postponement of investment projects mpany take in response to the spread of the corona virus? Yes [1]	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online
Wording	han_cor11_liquidityas of question 720 Which measures did your cor Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question 720 Which measures did your cor Finance/Investment: Postponement of investment	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label corona: postponement of investment projects mpany take in response to the spread of the corona virus? Yes [1] t projects	West and east 11/2020 Survey period West and east 11/2020	Further information only online Covid-question Survey frequency once Further information only online Covid-question
Wording	han_cor11_liquidityas of question 7:20 Which measures did your cor Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question 7:20 Which measures did your cor Finance/Investment:	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label corona: postponement of investment projects mpany take in response to the spread of the corona virus? Yes [1]	West and east 11/2020 Survey period	Further information only online Covid-question Survey frequency once Further information only online
Wording	han_cor11_liquidityas of question 7:20 Which measures did your cor Finance/Investment: Use of liquidity assistances Name han_cor11_investpos of question 7:20 Which measures did your cor Finance/Investment: Postponement of investment	corona: use of liquidity assistances mpany take in response to the spread of the corona virus? Yes [1] Label corona: postponement of investment projects mpany take in response to the spread of the corona virus? Yes [1] t projects	West and east 11/2020 Survey period West and east 11/2020	Further information only online Covid-question Survey frequency once Further information only online Covid-question

Wording of question

Nov 20 Which measures did your company take in response to the spread of the corona virus? Yes [1]	
	only online Covid-question
Yes [1]	
Finance/Investment: Cancellation of investment projects	
Name Label Survey period	Survey frequency
han_cor11_fin_other corona: other financial consequences West and east 11/2020	once
Wording of question	
Nov 20	Further information only online
Which measures did your company take in response to the spread of the corona virus?	Covid-question
Yes [1]	
Finance/Investment:	
Other	
Name Label Survey period	Survey frequency
han_cor11_fin_otherte corona: other financial consequences text West and east 11/2020	once
xt Wording of question	
	Further information
Nov 20	only online
Which measures did your company take in response to the spread of the corona virus?	Covid-question
Finance/Investment*	
Finance/Investment: Other, such as:	
	Survey frequency
Other, such as:	Survey frequency Jan, Apr, Jul, Oct
Other, such as: Name Label Survey period	
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question	
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question	Jan, Apr, Jul, Oct Further information
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem:	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem:	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem:	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem: Yes [1] Lack of qualified employees	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skilllack and vg_lowlack. vg_lack is yes [1] if at lea both questions have been answered with "yes"
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem:	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem: Yes [1] Lack of qualified employees	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skilllack and vg_lowlack. vg_lack is yes [1] if at lea both questions have been answered with "yes"
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem: Yes [1] Lack of qualified employees Name Label Survey period	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea both questions have been answered with "yes" Survey frequency
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem: Yes [1] Lack of qualified employees Name Label Survey period han_lowlack lack of low skilled employees West and east since 01/2021	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea both questions have been answered with "yes" Survey frequency
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea both questions have been answered with "yes" Survey frequency Jan, Apr, Jul, Oct
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem: Yes [1] Lack of qualified employees Name Label Survey period han_lowlack lack of low skilled employees West and east since 01/2021 Wording of question	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea both questions have been answered with "yes" Survey frequency Jan, Apr, Jul, Oct
Name Label Survey period han_lack lack of employees overall West and east since 01/2021 Wording of question Jan 21 Our domestic production activity is hindered by the following problem: Yes [1] Lack of qualified employees Name Label Survey period han_lowlack lack of low skilled employees West and east since 01/2021 Wording of question	Jan, Apr, Jul, Oct Further information This variable is not queried directly, but is generated vg_skillack and vg_lowlack. vg_lack is yes [1] if at lea both questions have been answered with "yes" Survey frequency Jan, Apr, Jul, Oct

Name	Label		Survey period	Survey frequency
han_cor_homeoff Wording of question	ice corona: share of er	mployees in homeoffice	East and West 02/2021 to 08/2021 East and West 12/2021 to 04/2022 East and West 08/2022 East and West 11/2022 East and West 02/2023 East and West 04/2023 East and West 08/2023	monthly monthly once once once once once
wording of question				Further information
Feb 21 What proportion of you%	ur employees currently work at least partly	in a home office?		Covid-question
Name	Label		Survey period	Survey frequency
han_cor15_equity	y corona mar21: equ	ity ratio end 2020	West and east 03/2021	once
Wording of question				
Mrz 21 What was the equity ra	atio of your company in the end of 2020?			
Name	Label		Survey period	Survey frequency
			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, .,
han_cor15_equity	y2 corona mar21: equ pandemic	uity ratio during covid	West and east 03/2021	once
Wording of question				
Mrz 21 How did the equity rati	io of your company change during the pand	emic?		Further information
How did the equity rati	io of your company change during the pand	iemic?	Zunahme [+3]	Further information
How did the equity rati				Further information
How did the equity rati				Further information Survey frequency
Abnahme [-3] Name	-2] [-1] [0]	[+1] [+2]	[+3]	
Abnahme [-3] Name han_cor15_turnor	-2] [-1] [0] Label	[+1] [+2]	[+3] Survey period	Survey frequency
Name han_cor15_turnor Wording of question	-2] [-1] [0] Label	[+1] [+2]	[+3] Survey period	Survey frequency

Lack of employees with low qualification

	Name Label		Survey period	Survey frequency
	han_cor15_turnover_inc	corona mar21: positive effect of pandemic or	West and east 03/2021	once
	nan_con25_cameren_me	turnover	West and cast os, 2021	Silde .
Wording o	of question			
Mrz	21			Further information
	Which effect did the COVID pandemic have	on the turnover of your company in 2020?		Covid-question
	Increase of:			
	<u></u> %			
	Name Label	_	Survey period	Survey frequency
	han_cor15_turnover_dec	corona mar21: negative effect of pandemic o turnover	West and east 03/2021	once
Wording o	of question			
Mrz	21			Further information
	Which effect did the COVID pandemic have	on the turnover of your company in 2020?		Covid-question
	Decrease of:			
	<u></u> %			
	Name Label		Survey period	Survey frequency
	han_cor16_turnover_no corona: no	effect of pandemic on turnover	West and east 04/2021	once
Wording o	of question			
Apr-21				Further information
7 pr 22	Which effect did the COVID pandemic have	on the turnover of your company in 2020?		Covid-question
		Yes [1]		
	No effect			
	in cine.			
	Name Label		Survey period	Survey frequency
	tabel Label		Julyey periou	Survey frequency
	han_cor16_turnover_inc	corona: positive percentage change in turnover due to pandemics	West and east 04/2021	once
Wording o	of question			
				Further information
Apr-21				Covid-question
Apr 21	Milhigh offices did sho COMP and the in-	on the turn over of your		
Apr 21	Which effect did the COVID pandemic have	on the turnover of your company in 2020?		
Apr 21	Which effect did the COVID pandemic have	on the turnover of your company in 2020?		
Λμ ZI		on the turnover of your company in 2020?		
opi zi	Increase of:	on the turnover of your company in 2020?		
Opr 21	Increase of:%	on the turnover of your company in 2020?		
Opt 21	Increase of:	on the turnover of your company in 2020?	Survey period	Survey frequency

	ling		

Apr-21	Miles of		h a bus		- 20202		Covid-question
	Which effect did the COVID pa	ndemic have on t	ne turnover of y	our company i	n 2020?		
	Decrease of:						
	%						
	Name	Label				Survey period	Survey frequency
	han_cor16_apply_assis	corona anr21: au	pplication for no	wemher-assista	ances	West and east 04/2021	once
	1	corona apr 21. ap	pplication for no	vember assista	inces	West and east 0-7 2021	Office
Wording o	of question	l					
Apr-21							Further information
4pi-21	Did your company apply for a	esistances in light (of the COVID par	ndemic or is it r	nlanned in the f	uture?	
	Did your company apply for a.	sistances in light C	or the covid par	idefine of 15 te p	pranned in the i	acure:	
					No	1	
		Applied [1]	Application planned [2]	Not eligible [3]	requirement [4]		
	November assistances						
	Name	Label				Survey period	Survey frequency
	han_cor16_apply_assis	corona apr21: a	pplication for de	cember-assista	ances	West and east 04/2021	once
	2						
Wording o							
Wording o	2						Further information
Wording c	2 of question						Further information
	2		of the COVID par	ndemic or is it p	planned in the f	uture?	Further information
	2 of question		of the COVID par	ndemic or is it p	planned in the f	uture?	Further information
	2 of question	ssistances in light o	Application	Not eligible	No requirement	uture?	Further information
	2 of question Did your company apply for as	ssistances in light o			No	uture?	Further information
	2 of question	ssistances in light o	Application	Not eligible	No requirement	uture?	Further information
	2 of question Did your company apply for as	ssistances in light o	Application	Not eligible	No requirement	uture?	Further information
	2 of question Did your company apply for as	ssistances in light o	Application	Not eligible	No requirement	uture?	Further information
	2 of question Did your company apply for as	ssistances in light o	Application	Not eligible	No requirement	uture?	Further information Survey frequency
	2 Did your company apply for as: December assistances	Applied [1]	Application planned [2]	Not eligible [3]	No requirement	Survey period	Survey frequency
	2 of question Did your company apply for as	Applied [1]	Application planned [2]	Not eligible [3]	No requirement		
λρr-21	Did your company apply for as December assistances Name han_cor16_apply_assis	Applied [1]	Application planned [2]	Not eligible [3]	No requirement	Survey period	Survey frequency
λρr-21	Did your company apply for as: December assistances Name han_cor16_apply_assis: 3	Applied [1]	Application planned [2]	Not eligible [3]	No requirement	Survey period	Survey frequency once
λρr-21	Did your company apply for as: December assistances Name han_cor16_apply_assis: 3	Applied [1]	Application planned [2]	Not eligible [3]	No requirement	Survey period	Survey frequency
Apr-21 Wording c	Did your company apply for as: December assistances Name han_cor16_apply_assis: 3	Applied [1] Label t corona apr21: ag	Application planned [2]	Not eligible [3]	No requirement [4]	Survey period West and east 04/2021	Survey frequency once
Apr-21 Wording c	Did your company apply for as December assistances Name han_cor16_apply_assis: 3	Applied [1] Label t corona apr21: ag	Application planned [2]	Not eligible [3]	No requirement [4]	Survey period West and east 04/2021	Survey frequency once
Apr-21 Wording c	Did your company apply for as December assistances Name han_cor16_apply_assis: 3	Applied [1] Label t corona apr21: ag ssistances in light of	Application planned [2] pplication for int	Not eligible [3] cerim-aid 2 ndemic or is it it	No requirement [4]	Survey period West and east 04/2021	Survey frequency once
Apr-21 Wording c	Did your company apply for as December assistances Name han_cor16_apply_assis: 3	Applied [1] Label t corona apr21: ap	Application planned [2] pplication for int	Not eligible [3] terim-aid 2	No requirement [4]	Survey period West and east 04/2021	Survey frequency once
Apr-21 Wording c	Did your company apply for as December assistances Name han_cor16_apply_assis: 3	Applied [1] Label t corona apr21: ag ssistances in light of	Application planned [2] pplication for int	Not eligible [3] cerim-aid 2 ndemic or is it it	No requirement [4]	Survey period West and east 04/2021	Survey frequency once
Apr-21 Wording c	Did your company apply for as December assistances Name han_cor16_apply_assistances Did your company apply for as	Applied [1] Label t corona apr21: ag ssistances in light of	Application planned [2] pplication for int	Not eligible [3] cerim-aid 2 ndemic or is it it	No requirement [4]	Survey period West and east 04/2021	Survey frequency once
Apr-21 Wording c	Did your company apply for as December assistances Name han_cor16_apply_assistances Did your company apply for as	Applied [1] Label t corona apr21: ag ssistances in light of	Application planned [2] pplication for int	Not eligible [3] cerim-aid 2 ndemic or is it it	No requirement [4]	Survey period West and east 04/2021	Survey frequency once
Apr-21 Wording c	Did your company apply for as December assistances Name han_cor16_apply_assistances Did your company apply for as	Applied [1] Label t corona apr21: ag ssistances in light of	Application planned [2] pplication for int	Not eligible [3] cerim-aid 2 ndemic or is it it	No requirement [4]	Survey period West and east 04/2021	Survey frequency once
Apr-21 Wording c	Did your company apply for as December assistances Name han_cor16_apply_assis 3 of question Did your company apply for as	Applied [1] Label t corona apr21: apr Applied [1]	Application planned [2] pplication for int	Not eligible [3] cerim-aid 2 ndemic or is it it	No requirement [4]	Survey period West and east 04/2021 uture?	Survey frequency once Further information

Apr-21	Did your company apply for as						Further information
	Did your company apply for as						i di diei illioilliadoli
		sistances in light	of the COVID pa	andemic or is it i	planned in the f	uture?	
[
ſ				ı	No	1	
		Applied [1]	Application planned [2]	Not eligible [3]	requirement [4]		
	Interim aid 3				[-1		
	interim aid 3						
	Name	Label				Survey period	Survey frequency
	han_cor16_apply_assist	corona apr21: a	application for K	fW loan		West and east 04/2021	once
	5						
Wording of o	question						
Apr-21							Further information
	Did your company apply for as:	sistanass in light	of the COVID no	andomio or io it s	alannad in tha f	Count	
	Did your company apply for as	sistances in light	of the COVID pa	andennic or is it p	named in the i	aturer	
		Applied [1]	Application planned [2]	Not eligible [3]	No requirement		
		1-7	p (2)	[0]	[4]		
	KfW loan						
	Name	Label				Survey period	Survey frequency
	Trume	Laver				ourvey period	survey mequency
	han_cor16_receive_assi	i corona apr21: p	payments from r	november-assist	ances	West and east 04/2021	once
	st1						
Wording of o	question						
							Further information
Apr-21							Further information
	Did your company receive pays	ments from assis	tances that it ap	oplied for?			Further information
	Did your company receive pay	ments from assis	tances that it ap	oplied for?			Further information
	Did your company receive pays	Fully	Partly	Not received	Declined [4]		Further information
	Did your company receive pays				Declined [4]		Further information
	Did your company receive pays November assistances	Fully	Partly	Not received	Declined [4]		Further information
		Fully	Partly	Not received	Declined [4]		Further information
		Fully	Partly	Not received	Declined [4]		Further information
	November assistances	Fully received [1]	Partly	Not received	Declined [4]		
		Fully	Partly	Not received	Declined [4]	Survey period	Further information Survey frequency
	November assistances Name	Fully received [1]	Partly received [2]	Not received yet [3]		Survey period West and east 04/2021	
	November assistances	Fully received [1]	Partly received [2]	Not received yet [3]			Survey frequency
	November assistances Name han_cor16_receive_assist2	Fully received [1]	Partly received [2]	Not received yet [3]			Survey frequency
	November assistances Name han_cor16_receive_assist2	Fully received [1]	Partly received [2]	Not received yet [3]			Survey frequency once
	November assistances Name han_cor16_receive_assist2	Fully received [1]	Partly received [2]	Not received yet [3]			Survey frequency
Wording of c	November assistances Name han_cor16_receive_assist2 question	Fully received [1] Label i corona apr21: p	Partly received [2]	Not received yet [3]			Survey frequency once
Wording of c	November assistances Name han_cor16_receive_assist2	Fully received [1] Label i corona apr21: p	Partly received [2]	Not received yet [3]			Survey frequency once
Wording of c	November assistances Name han_cor16_receive_assist2 question	Fully received [1] Label i corona apr21: p	Partly received [2]	Not received yet [3]			Survey frequency once
Wording of c	November assistances Name han_cor16_receive_assist2 question	Fully received [1] Label corona apr21: p	Partly received [2]	Not received yet [3] december-assist.			Survey frequency once
Wording of c	November assistances Name han_cor16_receive_assist2 question Did your company receive pays	Fully received [1] Label corona apr21: p	Partly received [2]	Not received yet [3]	ances		Survey frequency once
Wording of c	November assistances Name han_cor16_receive_assist2 question	Fully received [1] Label corona apr21: p	Partly received [2]	Not received yet [3] december-assist.	ances		Survey frequency once
Wording of c	November assistances Name han_cor16_receive_assist2 question Did your company receive pays	Fully received [1] Label corona apr21: p	Partly received [2]	Not received yet [3] december-assist.	ances		Survey frequency once
Wording of c	November assistances Name han_cor16_receive_assist2 question Did your company receive pays	Fully received [1] Label corona apr21: p	Partly received [2]	Not received yet [3] december-assist.	ances		Survey frequency once

once

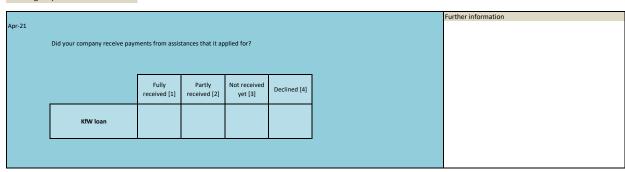
Wording of question

Apr-21					
	Did your company receive payr	ments from assis	tances that it ap	plied for?	
		Fully	Partly	Not received	
		received [1]	received [2]	yet [3]	Declined [4]
	Interim aid 2				

	Name	Label				Survey period	Survey frequency
	han_cor16_receive_ast4	SSI corona apr21: pa	syments from in	nterim-aid 3		West and east 04/2021	once
Wording	of question						
							Further information
Apr-21							
	Did your company receive p	ayments from assista	ances that it ap	plied for?			
				Not received		7	
		Fully	Partly				
			Partly received [2]	yet [3]	Declined [4]		
	Interim aid 3				Declined [4]		
	Interim aid 3				Declined [4]		
	Interim aid 3				Declined [4]		

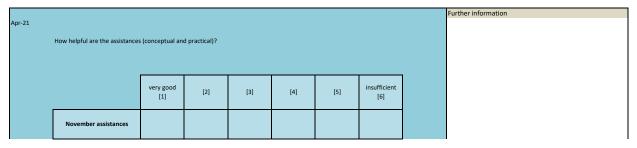
Name		Label	Survey period	Survey frequency
han_c	or16_receive_assi	corona apr21: payments from KfW loan	West and east 04/2021	once
st5				

Wording of question



Name	Label	Survey period	Survey frequency
han_cor	16_use_assist1 corona apr21: helpfulness of nov	vember-assistances West and east 04/2021	once

Wording of question



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Further information
insufficient [6]
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	Name	Label	Survey period	Survey frequency
	han_cor17_present_tes	corona may21: covid tests share of present	West and East 05/2021	once
Wording of	t	employees		
wording or	question		Fu	orther information
Mai 21		ekly Covid-tests for present employees. What do you estimate,		
	employees attends this offer?	ekly Covid-tests for present employees. What do you estimate,	which share of present	
	% of present e	mployees		
	Name	Label	Survey period	Survey frequency
	han_cor17_present_no	corona may21: no present employees	West and East 05/2021	once
Wording of	question	l		
Mai 21			Fu	orther information
	Companies have to provide we employees attends this offer?	ekly Covid-tests for present employees. What do you estimate,	which share of present	
	employees attenus tins offer:			
		Yes [1]		
	No present employees			
	No present employees			
-	Name	Label	Survey period	Survey frequency
	han cor17 test no	corona may21: no test offer possible yet	West and Fast 05/2021	once
	han_cor17_test_no	corona may21: no test offer possible yet	West and East 05/2021	once
Wording of		corona may21: no test offer possible yet		
	question	corona may21: no test offer possible yet		once strip on the contraction of
Wording of	question	corona may21: no test offer possible yet ekly Covid-tests for present employees. What do you estimate,	Fu	
Wording of	question Companies have to provide we		Fu	
Wording of	question Companies have to provide we	ekly Covid-tests for present employees. What do you estimate,	Fu	
Wording of	question Companies have to provide we		Fu	
Wording of	question Companies have to provide we	ekly Covid-tests for present employees. What do you estimate,	Fu	
Wording of	question Companies have to provide we employees attends this offer? Test offer not realized yet	ekly Covid-tests for present employees. What do you estimate, Yes [1]	Fu which share of present	orther information
Wording of	question Companies have to provide we employees attends this offer? Test offer not realized yet	ekly Covid-tests for present employees. What do you estimate, Yes [1] Label	which share of present Survey period	Survey frequency
Wording of	question Companies have to provide we employees attends this offer? Test offer not realized yet	ekly Covid-tests for present employees. What do you estimate, Yes [1]	Fu which share of present	orther information
Wording of	Question Companies have to provide we employees attends this offer? Test offer not realized yet Name han_cor17_empl_now	ekly Covid-tests for present employees. What do you estimate, Yes [1] Label	which share of present Survey period West and East 05/2021	Survey frequency once
Wording of	Question Companies have to provide we employees attends this offer? Test offer not realized yet Name han_cor17_empl_now question	ekly Covid-tests for present employees. What do you estimate, Yes [1] Label	which share of present Survey period West and East 05/2021	Survey frequency once
Wording of Mai 21 Wording of	Question Companies have to provide we employees attends this offer? Test offer not realized yet Name han_cor17_empl_now question	ekly Covid-tests for present employees. What do you estimate, Yes [1] Label	which share of present Survey period West and East 05/2021	Survey frequency once
Wording of Mai 21 Wording of	Question Companies have to provide we employees attends this offer? Test offer not realized yet Name han_cor17_empl_now question	ekly Covid-tests for present employees. What do you estimate, Yes [1] Label corona: number of employees currently	which share of present Survey period West and East 05/2021	Survey frequency once
Wording of Mai 21 Wording of	Question Companies have to provide we employees attends this offer? Test offer not realized yet Name han_cor17_empl_now question	ekly Covid-tests for present employees. What do you estimate, Yes [1] Label corona: number of employees currently	which share of present Survey period West and East 05/2021	Survey frequency once
Wording of Mai 21 Wording of	Question Companies have to provide we employees attends this offer? Test offer not realized yet Name han_cor17_empl_now question	ekly Covid-tests for present employees. What do you estimate, Yes [1] Label corona: number of employees currently	which share of present Survey period West and East 05/2021	Survey frequency once
Wording of Wording of Mai 21	question Companies have to provide we employees attends this offer? Test offer not realized yet Name han_cor17_empl_now question How many people are currentl	ekly Covid-tests for present employees. What do you estimate, Yes [1] Label corona: number of employees currently y employed at your company? (only domestic companies)	which share of present Survey period West and East 05/2021	Survey frequency once rther information wid-question

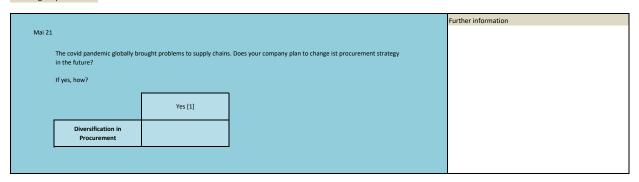
nt

Wording of question

The covid pandemic globally bring the future?	ought problems to supply chains	i. Does your company plan to ch	Further information
Yes [1]	No [2]	Don't know [3]	

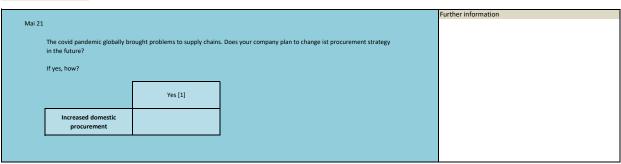
Name	Label	Survey period	Survey frequency
han_cor17_procu	reme corona may21: diversification of procurement	West and East 05/2021	once
nt_divers			

Wording of question



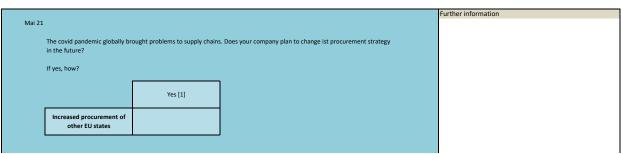
Name	Label	Survey period	Survey frequency
han_cor17_procureme	corona may21: local procurement	West and East 05/2021	once
nt_home			

Wording of question



Name	Label	Survey period	Survey frequency
han_cor17_procureme	corona may21: procurement of eu states	West and East 05/2021	once
nt eu			

Wording of question



	Name	Label	Survey period	Survey frequency
	han_cor17_procurement_storage	corona may21: increased storaging	West and East 05/2021	once
Wording of	f question			
Mai 2	21			Further information
	The covid pandemic globally	brought problems to supply chains. Does your company p	lan to change ist procurement strategy	
	in the future? If yes, how?			
		Yes [1]		
	Increased storaging			
-	Name	Label	Survey period	Survey frequency
		_		
	han_cor17_procurement_monitor	corona may21: increased monitoring of supply chains	West and East 05/2021	once
Wording of	f question			
Mai 2	21			Further information
Widi 2		brought problems to supply chains. Does your company p	lan to change ist procurement strategy	
	in the future?			
	If yes, how?			
		Yes [1]		
	Better monitoring of supply	у		
		У		
		у		
		Label	Survey period	Survey frequency
	chains		Survey period West and East 05/2021	Survey frequency once
	chains	Label		
Wording of	Name han_cor17_supply_law	Label		once
Wording of	chains Name han_cor17_supply_law of question	Label		
	Name han_cor17_supply_law of question	Label	West and East 05/2021	once
	Name han_cor17_supply_law of question	Label V corona may21: effect of supply chain law	West and East 05/2021	once
	Name han_cor17_supply_law of question The federal government is pl	Label V corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim	West and East 05/2021 ate the effects on your company?	once
	Name han_cor17_supply_law of question	Label V corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim	West and East 05/2021	once
	Name han_cor17_supply_law of question The federal government is pl	Label V corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim	West and East 05/2021 ate the effects on your company?	once
	Name han_cor17_supply_law of question The federal government is pl	Label V corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim	West and East 05/2021 ate the effects on your company?	once
	Name han_cor17_supply_law of question The federal government is pl	Label V corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim	West and East 05/2021 ate the effects on your company?	once
	Name han_cor17_supply_law of question The federal government is pl	Label V corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim	West and East 05/2021 ate the effects on your company?	once
	Name han_cor17_supply_law of question The federal government is pl No effects [:]	Label Corona may21: effect of supply chain law Ianning a national supply chain law. How big do you estim	West and East 05/2021 ate the effects on your company? effects [5]	Further information
Mai 2	Name han_cor17_supply_law of question The federal government is pl No effects [: Name han_cor17_supply_law _text	Label v corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim 1] [2] [3] [4] Large	West and East 05/2021 ate the effects on your company? effects [5] Survey period	Further information Survey frequency
	Name han_cor17_supply_law of question The federal government is pl No effects [: Name han_cor17_supply_law _text	Label v corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim 1] [2] [3] [4] Large	West and East 05/2021 ate the effects on your company? effects [5] Survey period	Further information Survey frequency once
Mai 2	Name han_cor17_supply_law of question The federal government is pl No effects [: Name han_cor17_supply_law _text of question	Label v corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim 1] [2] [3] [4] Large	West and East 05/2021 ate the effects on your company? effects [5] Survey period	once Further information Survey frequency
Wording of	Name han_cor17_supply_law of question No effects [: No effects [: Name han_cor17_supply_law _text of question	Label v corona may21: effect of supply chain law lanning a national supply chain law. How big do you estim 1] [2] [3] [4] Large	West and East 05/2021 ate the effects on your company? effects [5] Survey period West and East 05/2021	Further information Survey frequency once
Wording of	Name han_cor17_supply_law of question No effects [: No effects [: Name han_cor17_supply_law _text of question	Label Corona may21: effect of supply chain law Janning a national supply chain law. How big do you estim Label Label Corona may21: effect of supply chain law text	West and East 05/2021 ate the effects on your company? effects [5] Survey period West and East 05/2021	Further information Survey frequency once

		Name	Label		Survey period	Survey frequency
		han car10 proc price r	corona june 31:	no chango in procurement	West and east 06/2021	9999
		han_cor18_proc_price_r	price	no change in procurement	West and east 06/2021	once
	Wording of	question				
	Jun 21					Further information only online
		How did the procurment prices	s change on average in the last the	hree months?		
			V [4]			
			Yes [1]			
		No effect				
	-	Name	Label		Survey period	Survey frequency
					,	, , ,
		han_cor18_proc_price_i	corona june21:	increase in procurement price	West and east 06/2021	once
	Wording of	question				
		4				Country of the country of
	Jun 21					Further information only online
		How did the procurement price	es change on average in the last	three months?		
		% increase				
		Name	Label		Survey period	Survey frequency
		han_cor18_proc_price_c	dec corona june21:	decrease in procurement price	West and east 06/2021	once
	Wording of	question				
						Further information
	Jun 21					only online
		How did the procurement price	e change on average in the last t	hree months?		
		% decrease				
L						
		Name	Label		Survey period	Survey frequency
		han_cor18_proc_price_p	corona june21:	pass on increasing costs to	West and east 06/2021	once
		man_coris_proc_price_p	customers	,	West and east 00/2021	once
	Wording of	question				
Ī						Further information
	Jun 21	To what out				only online
		no transfer (rec	any pass on the increasing costs	to your customers:		Info: There is a checkbox option in addition to the percentage
		no transier (rec				specification. Ticking this option corresponds to passing 0%.
		%				
		Name	Label		Survey period	Survey frequency
		han_cor18_proc_short	corona june21: supply shortage		West and east 06/2021	once
	Wording of					
ſ	vvorunig of	question				Further information
	Jun 21					only online

		y shortage ?		
	Yes [1]	No [2]		
Name		Label	Survey period	Survey frequency
han cor19	_inv_cha_no	corona july21: no expected change in	West and east 07/2021	once
Wording of question	inv_cna_no	investments	west and east 07/2021	Unice
Wording of question				Further information
Jul 21	annet vers in restaurants to about	ge in 2021 compared to 2019 (pre-crisis levels)?		
now do you ex	pect your investments to chang	e in 2021 compared to 2019 (pre-crisis levels)?		
		Yes [1]		
		(5)		
No effect				
Name		Label	Survey period	Survey frequency
Name		Label	Survey period	Julyey Hequency
han_cor19_	_inv_cha_inc	corona july21: increase of expected change in investments compared to 2019	West and east 07/2021	once
Wording of question				
Jul 21				Further information
How do you ex	pect your investments to chang	ge in 2021 compared to 2019 (pre-crisis levels)?		
	_% Increase			
Name		Label		
Name		Label		Survey frequency
			Survey period	Survey frequency
han_cor19_	_inv_cha_dec	corona july21: decrease of expected change in investments compared to 2019		Survey frequency once
han_cor19_ Wording of question	_inv_cha_dec	corona july21: decrease of expected change in investments compared to 2019		
	inv_cha_dec	corona july21: decrease of expected change in investments compared to 2019		
Wording of question		corona july21: decrease of expected change in investments compared to 2019 ge in 2021 compared to 2019 (pre-crisis levels)?	West and east 07/2021	once
Wording of question		investments compared to 2019	West and east 07/2021	once
Wording of question		investments compared to 2019	West and east 07/2021	once
Wording of question	spect your investments to chang	investments compared to 2019	West and east 07/2021	once
Wording of question Jul 21 How do you ex	spect your investments to chang	investments compared to 2019	West and east 07/2021	once Further information
Wording of question	spect your investments to chang	investments compared to 2019	West and east 07/2021	once
Wording of question Jul 21 How do you ex	spect your investments to chang % Decrease Label	investments compared to 2019	West and east 07/2021	once Further information
Wording of question Jul 21 How do you ex	spect your investments to chang % Decrease Label	investments compared to 2019 ge in 2021 compared to 2019 (pre-crisis levels)?	West and east 07/2021 Survey period	once Further information Survey frequency
Wording of question Jul 21 How do you ex Name han_supply	spect your investments to chang % Decrease Label	investments compared to 2019 ge in 2021 compared to 2019 (pre-crisis levels)?	Survey period West and east since 07/2021	once Further information Survey frequency
Wording of question Jul 21 How do you ex Name han_supply Wording of question Jul 21 Our sales activity is currently of	% Decrease Label _shortage Sales activity is	investments compared to 2019 ge in 2021 compared to 2019 (pre-crisis levels)?	Survey period West and east since 07/2021	once Further information Survey frequency Jan, Apr, Jul, Oct
Wording of question Jul 21 How do you experience the supply wording of question Jul 21	% Decrease Label _shortage Sales activity is	investments compared to 2019 ge in 2021 compared to 2019 (pre-crisis levels)? s constrained by supply shortage	Survey period West and east since 07/2021	once Further information Survey frequency Jan, Apr, Jul, Oct

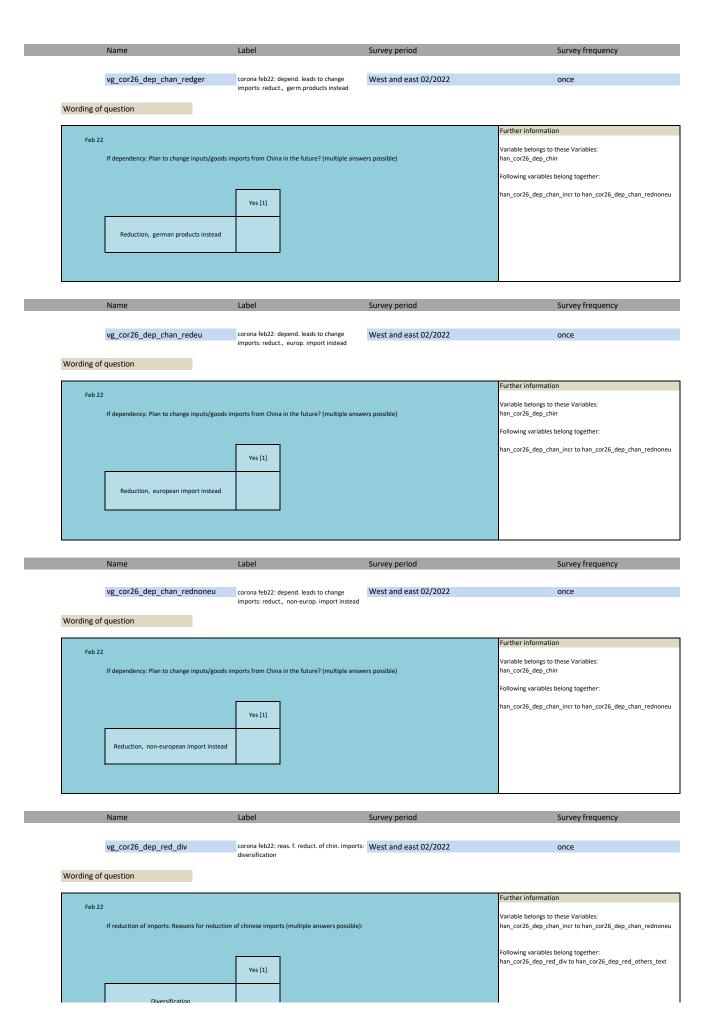
Name		Label	Survey period	Survey frequency
han_cor20_	_empl_now	corona: number of employees currently	West and east 08/2021 to 11/2022 West and east 01/2023 to 06/2023	May, Aug, Nov May
Wording of question				
Aug 21 How many peo	ple are currently employed in y	our company?		Further information Covid-question
	-			
Name		Label	Survey period	Survey frequency
han_cor_sa	le_short	corona: sales activity is constrained by supply shortage	West and east 02/2022 to 10/2022	Aug, Sep, Nov, Dez Feb, Mrch, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec monthly
Wording of question			West and east 01/2023 to 06/2023	monthly
Aug 21 Is your sales ac	tivity currently constrained by a	supply shortage?		Further information Covid-question
	Yes [1]	No [2]		
Name		Label	Survey period	Survey frequency
	sale_short_flood	Label corona aug21: supply shortage aggravated by flood disaster		Survey frequency once
han_cor20_ Wording of question		corona aug21: supply shortage aggravated b	/ West and east 08/2021	
han_cor20_ Wording of question		corona aug21: supply shortage aggravated b flood disaster supply shortage? Did the July floods aggravat	/ West and east 08/2021	once Further information
han_cor20_ Wording of question	tivity currently constrained by a	corona aug21: supply shortage aggravated b flood disaster supply shortage? Did the July floods aggravat	West and east 08/2021 e the shortage?	once Further information
han_cor20_ Wording of question	tivity currently constrained by a	corona aug21: supply shortage aggravated b flood disaster supply shortage? Did the July floods aggravat	West and east 08/2021 e the shortage?	once Further information
han_cor20_ Wording of question Aug 21 Is your sales ac	tivity currently constrained by a Yes [1]	corona aug21: supply shortage aggravated b flood disaster supply shortage? Did the July floods aggravat No [2] Don'	west and east 08/2021 e the shortage? t know [3]	Further information only online
Name han_cor20_ Wording of question Name han_cor20_ Wording of question	tivity currently constrained by a Yes [1] fairs_past	corona aug21: supply shortage aggravated b flood disaster supply shortage? Did the July floods aggravat No [2] Don'	west and east 08/2021 e the shortage? t know [3] Survey period	Further information only online Survey frequency once Further information only online only wholesalers
Name han_cor20_ Wording of question Name han_cor20_ Wording of question	tivity currently constrained by a Yes [1] fairs_past	corona aug21: supply shortage aggravated b flood disaster supply shortage? Did the July floods aggravat No [2] Don' Label corona: trade fairs attendance past	west and east 08/2021 e the shortage? t know [3] Survey period	Further information only online Survey frequency once Further information only online

		Label	Survey period	Survey frequency
han_cor20_	_fairs_loss	corona: trade fairs economic loss	West and east 08/2021	once
Wording of question				
Aug 21 Has your comp	oany suffered economic losses d	ue to corona related trade fair can	cellations?	Further information only online only wholesalers Covid-question
	Yes, to a large extent [1]	Yes, to a small extent [2]	No [3]	
Name		Label	Survey period	Survey frequency
	_trade_fair_virtual		ual trade fairs West and east 08/2021	once
Wording of question	_trade_rair_virtuar	corona augzzi participant in vince	west and east 00/2021	once
Aug 21 Virtual trade fa in such virtual		es as an alternative to non-permitt	ed trade fairs. Has your company participated	Further information only online only wholesalers
	Yes [1]	No [2]		
Name		Label	Survey period	Survey frequency
	_trade_fair_virtual_fut	corona aug21: importance of virt	Survey period	Survey frequency once
	_trade_fair_virtual_fut			
han_cor20_ Wording of question Aug 21 How importan		corona aug21: importance of virt in the future		
han_cor20_ Wording of question Aug 21 How importan	t do you think virtual trade fairs	corona aug21: importance of virt in the future will be for your company in the fu	tual trade fairs West and east 08/2021	once Further information only online
han_cor20_ Wording of question Aug 21 How importan	t do you think virtual trade fairs st likely agree with?	corona aug21: importance of virt in the future will be for your company in the future Supplement to attendance replacement replacement replacement replacement replacement replacement replacement replacement replacement	tual trade fairs West and east 08/2021 ture? Which of the following statements Complete replacement	once Further information only online
han_cor20_ Wording of question Aug 21 How importan	t do you think virtual trade fairs st likely agree with?	corona aug21: importance of virt in the future will be for your company in the future Supplement to attendance replacement replacement replacement replacement replacement replacement replacement replacement replacement	tual trade fairs West and east 08/2021 ture? Which of the following statements Complete replacement	once Further information only online
han_cor20_ Wording of question Aug 21 How importan would you mo:	t do you think virtual trade fairs st likely agree with?	corona aug21: importance of virtin the future will be for your company in the future Supplement to attendance replacement fairs [2] [3]	tural trade fairs West and east 08/2021 ture? Which of the following statements Complete replacement [4] Survey period	Further information only online only wholesalers
han_cor20_ Wording of question Aug 21 How importan would you mo:	t do you think virtual trade fairs st likely agree with?	corona aug21: importance of virtin the future will be for your company in the future Supplement to attendance replacement fairs [2] [3]	tural trade fairs West and east 08/2021 ture? Which of the following statements Complete replacement [4] Survey period	Further information only online only wholesalers Survey frequency
han_cor20_ Wording of question Aug 21 How importan would you mos	t do you think virtual trade fairs st likely agree with?	corona aug21: importance of virtin the future will be for your company in the future Supplement to attendance replacement fairs [2] [3]	tural trade fairs West and east 08/2021 ture? Which of the following statements Complete replacement [4] Survey period	Further information only online only wholesalers Survey frequency
han_cor20_ Wording of question Aug 21 How importan would you mos Name han_cor21_ Wording of question	t do you think virtual trade fairs st likely agree with?	corona aug21: importance of virtin the future will be for your company in the future Supplement to Partial attendance replacement fairs [2] [3] Label corona sep21: satisfaction with nadministration	tural trade fairs West and east 08/2021 ture? Which of the following statements Complete replacement [4] Survey period	Further information only online only wholesalers Survey frequency once
Name han_cor21 Wording of question Name han_cor21 Wording of question	t do you think virtual trade fairs st likely agree with? No role [1] satis_adm_municipal	corona aug21: importance of virtin the future will be for your company in the future Supplement to Partial attendance replacement fairs [2] [3] Label corona sep21: satisfaction with nadministration	tural trade fairs West and east 08/2021 ture? Which of the following statements Complete replacement [4] Survey period	Further information only online only wholesalers Survey frequency once

1	Name	Label	Survey period	Survey frequency
ŀ	nan_cor21_satis_adm_district	corona sep21: satisfaction with district	West and east 09/2021	once
		administration		
Wording of q	uestion			
Sep 21				Further information
F	low satisfied is your company with the di	strict administration? (Scale 1 to 5)		
		[2]	_	
	very [2] dissatisfied [1]	[3] [4] very satisfied	5]	
		Labert	Commence	66
ľ	Name	Label	Survey period	Survey frequency
ŀ	nan_cor21_satis_adm_tax	corona sep21: satisfaction with tax office	West and east 09/2021	once
Wording of q	uestion			
Carr Dd				Further information
Sep 21	low satisfied is your company with the ta	x office? (Scale 1 to 5)		only online
	,			
	very [2] dissatisfied [1]	[3] [4] very satisfied	51	
	dissussing [1]	Satisfied		
1	Name	Label	Survey period	Survey frequency
ŀ	nan_cor21_satis_adm_employ	corona sep21: satisfaction with employme	West and east 09/2021	once
Maradia - f		agency		
Wording of q	uestion			Further information
Sep 21				Further information only online
H	low satisfied is your company with the er	nployment agency? (Scale 1 to 5)		
	very [2]	[3] [4] very		
	dissatisfied [1]	satisfied	5]	
1	Name	Label	Survey period	Survey frequency
ŀ	nan_cor21_satis_insur_trade	corona sep21: satisfaction with trade	West and east 09/2021	once
		association	3022	
Wording of q	uestion			
				Further information only online
Sep 21				omy onme
Sep 21	low satisfied is your company with the fo	llowing social insurance: Trade association? (Scal	e 1 to 5)	on, on the
Sep 21	low satisfied is your company with the fo	Illowing social insurance: Trade association? (Scal	e 1 to 5)	

					satisfied [5]		
Name			Label			Survey period	Survey frequency
han_cor2	1_satis_insur_µ	pension	corona sep21:		n pension and	West and east 09/2021	once
Wording of question			care insurance				
							Further information
Sep 21 How satisfie	d is your company	with the followi	ng social insurar	nce: Pension and	d care insurance	? (Scale 1 to 5)	only online
	very dissatisfied [1]	[2]	[3]	[4]	very satisfied [5]		
Name			Label			Survey period	Survey frequency
han_cor2	1_exp_loss		corona sep21: o by state bureau	expected econo ucracy	mic loss caused	West and east 09/2021	once
Wording of question							
Sep 21							Further information
	tent do you expect	the economic lo	oss caused by sta	ate bureaucracy	? (Scale 1 to 5)		
	very low [1]	[2]	[3]	[4]	very high [5]		
	very low [1]	[2]	[3]	[4]			
	very low [1]	[2]	[3]	[4]			
	very low [1]	[2]	[3]	[4]			
Name	very low [1]	[2]		[4]		Survey period	Survey frequency
Name			Label		high [S]	Survey period	Survey frequency
	very low [1]		Label	monthly duratio	high [5]	Survey period West and east 10/2021	Survey frequency once
			Label corona oct21: r	monthly duratio	high [5]		
han_cor2			Label corona oct21: r	monthly duratio	high [5]		
han_cor2 Wording of question Okt 21	2_dur_sale_sh	ort	Label corona oct21: r is constrained b	monthly duratio	high [5]		once Further information
han_cor2 Wording of question Okt 21	2_dur_sale_sh	ort	Label corona oct21: r is constrained b	monthly duratio	high [5]	West and east 10/2021	once Further information
han_cor2 Wording of question Okt 21	2_dur_sale_sh	ort	Label corona oct21: r is constrained b	monthly duratio	high [5]	West and east 10/2021	once Further information
han_cor2 Wording of question Okt 21	2_dur_sale_sh	ort	Label corona oct21: r is constrained b	monthly duratio	high [5]	West and east 10/2021	once Further information
han_cor2 Wording of question Okt 21	2_dur_sale_sh	ort	Label corona oct21: r is constrained b	monthly duratio	high [5]	West and east 10/2021	once Further information
han_cor2 Wording of question Okt 21 Your sales a	2_dur_sale_shi	ort	Label corona oct21: ris constrained to supply shortage Label corona nov21:	monthly duration by supply shortate: How long do y	in sales activity age	West and east 10/2021 roblems will continue? Survey period	Further information only online
han_cor2 Wording of question Okt 21 Your sales a Name han_cor2	2_dur_sale_sh	ort	Label corona oct21: r is constrained to supply shortage	monthly duration by supply shortate: How long do y	in sales activity age	West and east 10/2021 roblems will continue?	Further information only online Survey frequency
han_cor2 Wording of question Okt 21 Your sales a	2_dur_sale_shi	ort	Label corona oct21: ris constrained to supply shortage Label corona nov21:	monthly duration by supply shortate: How long do y	in sales activity age	West and east 10/2021 roblems will continue? Survey period	Further information only online Survey frequency once
Name han_cor2 Wording of question Name han_cor2	2_dur_sale_shi	ort	Label corona oct21: r is constrained to supply shortage Label corona nov21: and virologists	monthly duratio by supply shorta How long do y confidence in eregarding covid	on sales activity age	West and east 10/2021 roblems will continue? Survey period West and east 11/21	Further information only online Survey frequency
Name han_cor2 Wording of question Name han_cor2	2_dur_sale_shi	ort constrained by a	Label corona oct21: r is constrained to supply shortage Label corona nov21: and virologists	monthly duration by supply shortate: How long do y	on sales activity age	West and east 10/2021 roblems will continue? Survey period West and east 11/21	Further information only online Survey frequency once

Name	Label	Survey period	Survey frequency
han_cor23_conf_econ	corona nov21: confidence in economists	West and east 11/21	once
nan_cor25_con_econ	regarding the consequences of covid-19	West and east 11/21	once
Wording of question			
Nov 21	the relative of control to control to the control of the control o		Further information Sliderfrom 1 to 10
How large is your confidence in	n the opinion of economists regarding covid-19?		only online
Confidence:	(Number from 1 to 10)		
Name	Label	Survey period	Survey frequency
har ange dan di	savana fah221 danand an naada dalikasisas	West and and 02/2022	
han_cor26_dep_chin	corona feb22: depend. on goods deliveries from china	West and east 02/2022	once
Wording of question			
Feb 22			Further information
Dependence on goods deliveri	es from china (multiple answers possible):		
Yes [1]	No [2] Dont know [3]		
Name	Label	Survey period	Survey frequency
Name	Label	Survey period	ourse, request,
vg_cor26_dep_chan_inc	cr corona feb22: depend. leads to change	West and east 02/2022	once
vg_cor26_dep_chan_inc	cr corona feb22: depend. leads to change		
vg_cor26_dep_chan_ind Wording of question Feb 22	cr corona feb22: depend. leads to change imports: increase in imports	West and east 02/2022	once Further information Variable belongs to these Variables:
vg_cor26_dep_chan_ind Wording of question Feb 22	cr corona feb22: depend. leads to change	West and east 02/2022	once Further information
vg_cor26_dep_chan_ind Wording of question Feb 22	cr corona feb22: depend. leads to change imports: increase in imports increase in imports inputs/goods imports from China in the future? (multiple an	West and east 02/2022	Once Further information Variable belongs to these Variables: han_cor26_dep_chin
vg_cor26_dep_chan_ind Wording of question Feb 22	cr corona feb22: depend. leads to change imports: increase in imports	West and east 02/2022	Once Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together:
vg_cor26_dep_chan_ind Wording of question Feb 22	corona feb22: depend. leads to change imports: increase in imports imports from China in the future? (multiple an	West and east 02/2022	Once Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together:
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change	corona feb22: depend. leads to change imports: increase in imports imports from China in the future? (multiple an	West and east 02/2022	Once Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together:
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change	corona feb22: depend. leads to change imports: increase in imports imports from China in the future? (multiple an	West and east 02/2022	Once Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together:
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change	corona feb22: depend. leads to change imports: increase in imports imports from China in the future? (multiple an	West and east 02/2022	Once Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together:
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change increase in imports fro	cr corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple an Yes [1] m china Label	West and east 02/2022 swers possible) Survey period	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu Survey frequency
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change increase in imports fro Name vg_cor26_dep_chan_no	cr corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple an Yes [1] m china Label	West and east 02/2022 swers possible)	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change increase in imports fro	corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple an Yes [1] m china Label corona feb22: depend. leads to change	West and east 02/2022 swers possible) Survey period	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu Survey frequency once
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change increase in imports fro Name vg_cor26_dep_chan_no	corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple an Yes [1] m china Label corona feb22: depend. leads to change	West and east 02/2022 swers possible) Survey period	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu Survey frequency once
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change increase in imports fro Name vg_cor26_dep_chan_no Wording of question	corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple an Yes [1] m china Label corona feb22: depend. leads to change	West and east 02/2022 swers possible) Survey period West and east 02/2022	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu Survey frequency once
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change increase in imports fro Name vg_cor26_dep_chan_no Wording of question	corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple an Yes [1] m china Label corona feb22: depend. leads to change imports: no change	West and east 02/2022 swers possible) Survey period West and east 02/2022	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu Survey frequency once Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together:
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change increase in imports fro Name vg_cor26_dep_chan_no Wording of question	corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple an Yes [1] m china Label corona feb22: depend. leads to change imports: no change	West and east 02/2022 swers possible) Survey period West and east 02/2022	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu Survey frequency once Further information Variable belongs to these Variables: han_cor26_dep_chin
vg_cor26_dep_chan_ind Wording of question Feb 22 If dependency: Plan to change increase in imports fro Name vg_cor26_dep_chan_no Wording of question Feb 22 If dependency: Plan to change	corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple and Yes [1] Label corona feb22: depend. leads to change imports: no change imports: no change imports from China in the future? (multiple and Yes [1])	West and east 02/2022 swers possible) Survey period West and east 02/2022	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu Survey frequency once Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together:
vg_cor26_dep_chan_inc Wording of question Feb 22 If dependency: Plan to change increase in imports fro Name vg_cor26_dep_chan_no Wording of question	corona feb22: depend. leads to change imports: increase in imports inputs/goods imports from China in the future? (multiple and Yes [1] Label corona feb22: depend. leads to change imports: no change imports: no change imports from China in the future? (multiple and Yes [1])	West and east 02/2022 swers possible) Survey period West and east 02/2022	Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together: han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu Survey frequency once Further information Variable belongs to these Variables: han_cor26_dep_chin Following variables belong together:



	Maria	I - b - l	Constitution of the Consti	
	Name	Label	Survey period	Survey frequency
	vg_cor26_dep_red_freicost	corona feb22: reas. f. reduct. of ch increased freight costs	nin. imports: West and east 02/2022	once
Wording of	fquestion			
				Further information
Feb 22	If reduction of imports: Reasons for reduct	ion of chinese imports (multiple answer	rs nossible).	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_
	in reduction of imports, recusions for reducti	ion of chinese imports (matapie answer	3 possible).	
		Yes [1]		Following variables belong together: han_cor26_dep_red_div to han_cor26_dep_red_oth
	increased freight costs			
	Name	Label	Survey period	Survey frequency
	Name			Survey requertey
	vg_cor26_dep_red_susc	corona feb22: reas. f. reduct. of ch failure-prone transport.	in. imports: West and east 02/2022	once
Wording of	f question			
Feb 22	2			Further information
	If reduction of imports: Reasons for reduct	ion of chinese imports (multiple answer	rs possible):	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_
				Following variables belong together:
		Yes [1]		han_cor26_dep_red_div to han_cor26_dep_red_othe
	failure-prone transport			
		Lebel	Commented	
	Name	Label	Survey period	Survey frequency
	vg_cor26_dep_red_price	corona feb22: reas. f. reduct. of ch increased manufact./purch. Price	in. imports: West and east 02/2022	once
	f question			
Wording of				
	2			Further information
Wording of	2 If reduction of imports: Reasons for reduct	ion of chinese imports (multiple answer	rs possible):	Variable belongs to these Variables:
		ion of chinese imports (multiple answer	rs possible):	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_
		ion of chinese imports (multiple answer	rs possible):	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_ Following variables belong together:
			rs possible):	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_ Following variables belong together:
		Yes [1]	rs possible):	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_
	If reduction of imports: Reasons for reduct	Yes [1]	rs possible):	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_ Following variables belong together:
	If reduction of imports: Reasons for reduct	Yes [1]	rs possible): Survey period	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_ Following variables belong together:
	If reduction of imports: Reasons for reduct	Yes [1] Label corona feb22: reas. f. reduct. of ch		Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_ Following variables belong together: han_cor26_dep_red_div to han_cor26_dep_red_oth
Feb 22	If reduction of imports: Reasons for reduct increased manufacture/purchase price Name vg_cor26_dep_red_qual	Yes [1]	Survey period	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_ Following variables belong together: han_cor26_dep_red_div to han_cor26_dep_red_other Survey frequency
	If reduction of imports: Reasons for reduct increased manufacture/purchase price Name vg_cor26_dep_red_qual	Yes [1] Label corona feb22: reas. f. reduct. of ch	Survey period	Variable belongs to these Variables: han_cor26_dep_chan_incr to han_cor26_dep_chan_ Following variables belong together: han_cor26_dep_red_div to han_cor26_dep_red_other Survey frequency

	Yes [1]	Following variables belong together: han_cor26_dep_red_div to han_cor26_dep_red_others_text
lack of quality		

Name	Label	Survey period	Survey frequency
vg_cor26_dep_red_pol	corona feb22: reas. f. reduct. of chin. imports:	West and east 02/2022	once
	political uncertainty		

Further information

Variable belongs to these Variables:
han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu

Following variables belong together:
han_cor26_dep_red_div to han_cor26_dep_red_others_text

Name L	Label	Survey period	Survey frequency
vg_cor26_dep_red_others	corona feb22: reas. f. reduct. of chin. imports:	West and east 02/2022	once

Wording of question

Feb 22

If reduction of imports: Reasons for reduction of chinese imports (multiple answers possible):

Yes [1]

Others

Further information

Variable belongs to these Variables:
han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu

Following variables belong together:
han_cor26_dep_red_div to han_cor26_dep_red_others_text

Name	Label	Survey period	Survey frequency
	corona feb22: reas. f. reduct. of chin. imports:	West and east 02/2022	once
	others text		

Wording of question

Feb 22

If reduction of imports: Reasons for reduction of chinese imports (multiple answers possible): Others text

Following variables belong to these Variables:
han_cor26_dep_chan_incr to han_cor26_dep_chan_rednoneu

Following variables belong together:
han_cor26_dep_red_div to han_cor26_dep_red_others_text

online

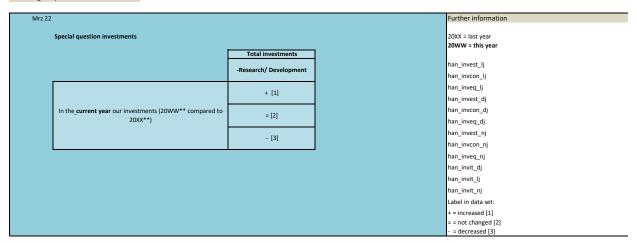
Name	Label	Survey period	Survey frequency
han_cor_share_onl_ly	corona: share of online sales in the last year	West and east since 02/2022	Feb

		Further information
Feb 22		
Sha	are of online sales in the last year (approx.):	
	%	

Name La	abel	Survey period	Survey frequency
han_invdev_lj	evestment in research/develonment last year	West and east since 03/2022	March

Further information Mrz 22 20YY = previous year 20WW = preprevious year Special question investment e.g. if question was in 2019: 20YY=2018 and 20WW=2017 Total investments -Research/ Development han_invest_lj + [1] han_invcon_lj Last year our investments were (20YY** compared to 20WW**) han_inveq_lj = [2] han_invest_dj han_invcon_dj - [3] han_inveq_dj han_invest_nj han_invcon_nj han_inveq_nj han_invit_dj han_invit_lj han_invit_nj Label in data set: + = increased [1] = = not changed [2] = = decreased [3]

Name	Label		Survey period	Survey frequency
han_invdev_dj		investment in research/development this year	West and east since 03/2022	Mar, Nov.



Name	Label		Survey period	Survey frequency
han_invdev_nj		investment in research/development next	West and east since 11/2022	Nov.
		year		
ording of question				
Vording of question				Further information
				Further information as of november 2022
	ments			
Nov 22	iments			as of november 2022
Nov 22	ements	Total investments	1	as of november 2022 20YY = next
Nov 22	tments	Total investments -Research/ Development	7	as of november 2022 20YY = next

	+ [1]
Next year our investments will likely be (20YY** compared to	
20WW**)	= [2]
	- [3]
	[5]

Name	Label	Survey period	Survey frequency
han ukr1 risk	ukraine mar22: in general a risk taker	West and east 03/2022	once

	Further information
Mrz 22	
Are you generally a risk-taker? You can grade your assessment with values between 0 and 10. (0 = not willing to take risks, 10 = willing to take risks).	

Name	Label	Survey period	Survey frequency
han_ukr2_price_pass	ukraine april22: pass on increasing costs to	West and east 04/2022	once
rr	customors		

Wording of question

1	Name	Label	Survey period	Survey frequency
ŀ			West and east 04/2022	once
		energy costs in 2021		

Wording of question

Name	Label	Survey period	Survey frequency
han_ukr2_shareenergy_elec		West and east 04/2022	once
	electricity		

Wording of question Further information Apr 22 Sum of the following variables equals 100%: han_ukr2_shareenergy_elec han_ukr2_shareenergy_gas What is the approximate share of the following energy sources in the total energy costs of your company: electricity han_ukr2_shareenergy_minoil han_ukr2_shareenergy_disheat han_ukr2_shareenergy_renewable han_ukr2_shareenergy_others Label Name Survey period Survey frequency ukraine april22: share of total energy costs: han_ukr2_shareenergy_gas West and east 04/2022 once natural gas Wording of question urther information Apr 22 Sum of the following variables equals 100%: han_ukr2_shareenergy_elec What is the approximate share of the following energy sources in the total energy costs of your company: natural gas han_ukr2_shareenergy_gas han_ukr2_shareenergy_minoil han_ukr2_shareenergy_disheat han_ukr2_shareenergy_renewable han_ukr2_shareenergy_others Name Label Survey period Survey frequency ukraine april22: share of total energy costs: West and east 04/2022 han_ukr2_shareenergy_minoil once mineral oil products Wording of question Further information Sum of the following variables equals 100%: han_ukr2_shareenergy_elec Apr 22 What is the approximate share of the following energy sources in the total energy costs of your company: mineral oil products han_ukr2_shareenergy_gas han_ukr2_shareenergy_minoil han_ukr2_shareenergy_disheat (z.B. fuel oil, diesel, gasoline) han_ukr2_shareenergy_renewable han_ukr2_shareenergy_others Name Label Survey period Survey frequency ukraine april22: share of total energy costs: West and east 04/2022 han_ukr2_shareenergy_disheat once district heating Wording of question Further information Apr 22 Sum of the following variables equals 100%: han_ukr2_shareenergy_elec

Apr 22

What is the approximate share of the following energy sources in the total energy costs of your company: district heating

What is the approximate share of the following energy sources in the total energy costs of your company: district heating

Apr 22

Sum of the following variables equals 100%:

han_ukr2_shareenergy_gas

han_ukr2_shareenergy_minoil

han_ukr2_shareenergy_minoil

han_ukr2_shareenergy_renewable

han_ukr2_shareenergy_renewable

han_ukr2_shareenergy_others

Survey period Survey frequency han_ukr2_shareenergy_renewable ukraine april22: share of total energy costs: West and east 04/2022 renewable energy sources once Wording of question Further information Apr 22 ium of the following variables equals 100%: han_ukr2_shareenergy_elec What is the approximate share of the following energy sources in the total energy costs of your company: renewable energy sources (z.B. biogas, biomass) han_ukr2_shareenergy_gas han_ukr2_shareenergy_minoil han_ukr2_shareenergy_disheat han_ukr2_shareenergy_renewable han_ukr2_shareenergy_others Survey period Survey frequency han_ukr2_shareenergy_others ukraine april22: share of total energy costs: West and east 04/2022 once Wording of question Further information Apr 22 Sum of the following variables equals 100% han ukr2 shareenergy elec What is the approximate share of the following energy sources in the total energy costs of your company: others (z.B. Substitute fuels) han_ukr2_shareenergy_gas han_ukr2_shareenergy_minoil han_ukr2_shareenergy_disheat han_ukr2_shareenergy_renewable han_ukr2_shareenergy_others % Label Survey period Survey frequency han_ukr2_shareenergy_dontknow ukraine april22: don't know share of total West and east 04/2022 once energy costs Wording of question Further information Apr 22 What is the approximate share of the following energy sources in the total energy costs of your company: Don't know (recorded with 1) Don't know [1] Name Label Survey period Survey frequency ukraine april22: company's existence is West and east 04/2022 han_ukr2_exist_threat once currently threatened West and east 10/2022 once West and east 11/2022 once West and east 01/2023 once West and east 10/2023 once Wording of question urther information Apr 22 online Would you say that your company's existence is currently threatened? Yes [1] No [2]

Name	Label	Survey period	Survey frequency
han_ukr2_exist_threat_reas	ukraine april22: company's existence is	West and east 10/2023	once
Wording of question	currently threatened reasons		
			Further information
Okt 23 Would you say that your company's existence	e is currently threatened? If yes, what are the rea	isons?	online Belongs to following variable: han_ukr2_exist_threat
<u> </u>			
Name	Label	Survey period	Survey frequency
han_ukr2_developprice_elec	ukraine april22: development price electricity	West and east 04/2022	once
Wording of question	in last 6 month		
			Further information
Apr 22 How has the price you pay for electricity deve	eloped over the last 6 months? (Input 0 to 1000%	5. 1 decimal place possible)	
No change [0]	(Increase in % between 0 to 1000)		
Name	Label	Survey period	Survey frequency
han_ukr2_developprice_gas	ukraine april22: development price natural ga	s West and east 04/2022	once
Wording of question	in last 6 month		
Apr 22			Further information If natural gas in variable han_ukr2_shareenergy_gas
How has the price you pay for natural gas dev	veloped over the last 6 months? (Input 0 to 1000	%, 1 decimal place possible)	
No change [0]	(Increase in % between 0 to 1000)		
Name	Label	Survey period	Survey frequency
Name han_ukr2_developprice_minoil	Label ukraine april22: development price mineral oi		Survey frequency once
	Label		
han_ukr2_developprice_minoil Wording of question Apr 22	Label ukraine april22: development price mineral oi	West and east 04/2022	

	Name	Label	Survey period	Survey frequency
	han_ukr2_changesales_no	ukraine april22: change in expected sales due to the war in Ukraine: no change	West and east 04/2022	once
Wording of	f question			
Apr 2:		r the current year changed due to the war in Uk ave expected	raine? This refers to the change	Further information
	Name	Label	Survey period	Survey frequency
\A/	han_ukr2_changesales_increase	ukraine april22: change in expected sales due to the war in Ukraine: increase	West and east 04/2022	once
Wording of	f question			Further information
Apr 2:	Has your company's expected volume sales fo	r the current year changed due to the war in Ul ave expected. (Inpute 0 to 1000%, 1 decimal pla		Further miorination
	increase in %			
	Name	Labal		
	Name	Label	Survey period	Survey frequency
	han_ukr2_changesales_decrease	ukraine aprii22: change in expected sales due to the war in Ukraine: decrease		once
Wording of	han_ukr2_changesales_decrease	ukraine april22: change in expected sales due		
Wording of	han_ukr2_changesales_decrease f question 2 Has your company's expected volume sales fo	ukraine april22: change in expected sales due	West and east 04/2022 raine? This refers to the change	
	han_ukr2_changesales_decrease f question 2 Has your company's expected volume sales fo	ukraine aprii22: change in expected sales due to the war in Ukraine: decrease	West and east 04/2022 raine? This refers to the change	once
	han_ukr2_changesales_decrease f question 2 Has your company's expected volume sales fo compared to the sales your company would h	ukraine aprii22: change in expected sales due to the war in Ukraine: decrease	West and east 04/2022 raine? This refers to the change	once
	han_ukr2_changesales_decrease f question 2 Has your company's expected volume sales fo compared to the sales your company would h	ukraine april22: change in expected sales due to the war in Ukraine: decrease r the current year changed due to the war in Ukraine: decrease	West and east 04/2022 raine? This refers to the change possible)	Once Further information
	han_ukr2_changesales_decrease f question 2 Has your company's expected volume sales fo compared to the sales your company would h	ukraine april22: change in expected sales due to the war in Ukraine: decrease r the current year changed due to the war in Ukraine expected. (Input 0 to 100%, 1 decimal place) Label ukraine april22: economic relations with	west and east 04/2022 raine? This refers to the change possible) Survey period	once Further information Survey frequency
Apr 2:	han_ukr2_changesales_decrease f question 2 Has your company's expected volume sales fo compared to the sales your company would h	ukraine april22: change in expected sales due to the war in Ukraine: decrease r the current year changed due to the war in Ukraine expected. (Input 0 to 100%, 1 decimal place) Label ukraine april22: economic relations with	west and east 04/2022 raine? This refers to the change possible) Survey period West and east 04/2022	once Further information Survey frequency

	Name		Label	Survey period	Survey frequency
	han_ukr2_relru_co	ontinue_import	ukraine april22: economic relations with Russia before war and continuation of	West and east 04/2022	once
Wording of o	question		relations: imports		
Apr 22					Further information dependent of han_ukr2_relru_import
	Did your company have company continue this b		ith Russia before the war in Ukraine: imports	from russia. If yes, does your	
١	Yes no change Yes,		not		
	[1] limite	ed [2]	predictable [4]		
	Name		Label	Survey period	Survey frequency
	han_ukr2_relru_ex	vnorts	ukraine april22: economic relations with	West and east 04/2022	once
			Russia before war: exports		onec-
Wording of o	question				Further information
Apr 22					
	Did your company have	economic relations w	ith Russia before the war in Ukraine: exports t	to russia	
			7		
	Yes	[1] No [2]			
	Yes	[1] No [2]			
	Yes	[1] No [2]			
	Yes	[1] No [2]			
	Yes	[1] No [2]			
	Name	[1] No [2]	Label	Survey period	Survey frequency
	Name				
			Label Ukraine april22: economic relations with Russia before war and continuation of relations: exports	Survey period West and east 04/2022	Survey frequency once
	Name han_ukr2_relru_co		ukraine april22: economic relations with Russia before war and continuation of		once
	Name han_ukr2_relru_co		ukraine april22: economic relations with Russia before war and continuation of		
Wording of c	Name han_ukr2_relru_co	ontinue_exports	ukraine april22: economic relations with Russia before war and continuation of	West and east 04/2022	once Further information
Wording of c	Name han_ukr2_relru_co question Did your company have continue this business?	ontinue_exports	ukraine april22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports t	West and east 04/2022	once Further information
Wording of c	Name han_ukr2_relru_co question	ontinue_exports economic relations w	ukraine april22: economic relations with Russia before war and continuation of relations: exports	West and east 04/2022	once Further information
Wording of c	Name han_ukr2_relru_co question Did your company have continue this business? Yes no change Yes,	ontinue_exports economic relations w	ukraine april22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports t	West and east 04/2022	once Further information
Wording of c	Name han_ukr2_relru_co question Did your company have continue this business? Yes no change Yes,	ontinue_exports economic relations w	ukraine april22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports t	West and east 04/2022	once Further information
Wording of c	Name han_ukr2_relru_co question Did your company have continue this business? Yes no change Yes,	ontinue_exports economic relations w	ukraine april22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports t	West and east 04/2022	once Further information
Wording of c	Name han_ukr2_relru_co question Did your company have continue this business? Yes no change Yes,	ontinue_exports economic relations w	ukraine april22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports t	West and east 04/2022	once Further information
Wording of c	Name han_ukr2_relru_co question Did your company have continue this business? Yes no change Yes, [imilte	economic relations w	ukraine april22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports to predictable [4] Label ukraine april22: economic relations with	West and east 04/2022 To russia. If yes, does your company Survey period	Further information dependent of han_ukr2_relru_exports
Wording of a	Name han_ukr2_relru_co question Did your company have continue this business? Yes no change Yes, [1] limite	economic relations w	ukraine april 22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports to not predictable [4]	West and east 04/2022	Further information dependent of han_ukr2_relru_exports Survey frequency
Wording of c	Name han_ukr2_relru_co question Did your company have continue this business? Yes no change Yes, [1] limite	economic relations w	ukraine april22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports to predictable [4] Label ukraine april22: economic relations with	West and east 04/2022 To russia. If yes, does your company Survey period	Further information dependent of han_ukr2_relru_exports Survey frequency once
Wording of c	Name han_ukr2_relru_co question Did your company have continue this business? Yes no change Yes, [1] Imite Name han_ukr2_relru_ve question	economic relations w	ukraine april22: economic relations with Russia before war and continuation of relations: exports ith Russia before the war in Ukraine: exports to predictable [4] Label ukraine april22: economic relations with	West and east 04/2022 To russia. If yes, does your company Survey period West and east 04/2022	Further information dependent of han_ukr2_relru_exports Survey frequency

Name	Label	Survey period	Survey frequency
han_ukr2_relru_continue_ventu Wording of question	ukraine april22: economic relations with Russia before war and continuation of relations: joint ventures	West and east 04/2022	once
Apr 22 Did your company have economic relation yes, does your company continue this bus Yes no change Yes, but No [3]	<u></u>	tures with russian companys. If	Further information dependent of han_ukr2_relru_ventures
Name	Label ukraine april22: economic relations with	Survey period West and east 04/2022	Survey frequency
han_ukr2_relru_branch Wording of question	Russia before war: branch	west and east 04/2022	once
Apr 22	ns with Russia before the war in Ukraine: own brar	nch in russia.	Further information
Apr 22 Did your company have economic relation Yes [1] No [2			
Apr 22 Did your company have economic relation	Label	Survey period West and east 04/2022	Further information Survey frequency once
Name han_ukr2_relru_continue_branc Wording of question	Label h ukraine april22: economic relations with Russia before war and continuation of relations: branch ns with Russia before the war in Ukraine: own branch	Survey period West and east 04/2022	Survey frequency
Name han_ukr2_relru_continue_branc Wording of question Apr 22 Did your company have economic relation Apr 22 Did your company have economic relation company continue this business? Yes no change Yes, but No [3]	Label h ukraine april22: economic relations with Russia before war and continuation of relations: branch ns with Russia before the war in Ukraine: own branch	Survey period West and east 04/2022	Survey frequency once
Name han_ukr2_relru_continue_branc Wording of question Apr 22 Did your company have economic relation company continue this business? Yes no change Yes, but No [3]	Label h ukraine april22: economic relations with Russia before war and continuation of relations: branch ns with Russia before the war in Ukraine: own branch predictable [4]	Survey period West and east 04/2022 which in russia. If yes, does your	Survey frequency once Further information dependent of han_ukr2_relru_branch

	Did your compa	iny have econom	nic relations wi	th Russia before	the war in Ukraine: via third	Companies		
		Yes [1]	No [2]	1				
		165 [1]	NO [2]					
	Name			Label		Survey period	Survey frequency	
	han_ukr2_re	elru_continue	e_third		t: economic relations with war and continuation of	West and east 04/2022	once	
Wording of	auestion				-party companies			
							Further information	
Apr 22							dependent of han_ukr2_relru_third	
	Did your compa company contin			th Russia before	the war in Ukraine: via third	l companies. If yes, does your		
	Yes no change	Yes, but	No [3]	not	ן ו			
	[1]	limited [2]	110 [5]	predictable [4]				
	Name			Label		Survey period	Survey frequency	
	han_ukr2_ir	nnair sunrus		ukraine anril22				
		iipaii_sapi as			t impairment by war: supply	West and east 04/2022	once	
Wording of	auestion	mpun_suprus		problems from		West and east 04/2022	once	
Wording of	question	mpan_sapras				West and east 04/2022		
Wording of		iipuii_sapi as				West and east 04/2022	once Further information	
	Does the war in	Ukraine, or the	related measu	problems from	ments, represent a burden f	West and east 04/2022		
	Does the war in	Ukraine, or the	related measu	problems from	ments, represent a burden f			
	Does the war in	Ukraine, or the	related measu	problems from	ments, represent a burden f			
	Does the war in with goods/ rav	Ukraine, or the v materials/ inpu	related measu it materials/ in aw materials/	res and develop termediate inpu	ments, represent a burden f			
	Does the war in with goods/ rav	Ukraine, or the v materials/ inpu	related measu it materials/ in aw materials/	res and develop termediate inpu	ments, represent a burden f			
	Does the war in with goods/ rav	Ukraine, or the v materials/ inpu	related measu it materials/ in aw materials/	res and develop termediate inpu	ments, represent a burden f			
	Does the war in with goods/ rav	Ukraine, or the v materials/ inpu	related measu it materials/ in aw materials/	res and develop termediate inpu	ments, represent a burden f	or your company: Supply problems	Further information	
	Does the war in with goods/ rav	Ukraine, or the v materials/ inpu	related measu it materials/ in aw materials/	res and develop termediate inpu	ments, represent a burden f			
Apr 22	Does the war in with goods/ rav Supply problet input mate	Ukraine, or the value materials / inpu	related measu It materials/ in aw materials/ ate inputs	res and develops termediate inpu Yes [1] Label ukraine april22	ments, represent a burden fits from Russia	or your company: Supply problems	Further information	
Apr 22	Does the war in with goods/ rav Supply problet input mate Name han_ukr2_ir	Ukraine, or the value materials / inpu	related measu It materials/ in aw materials/ ate inputs	res and develops termediate inpu Yes [1] Label ukraine april22	ments, represent a burden fits from Russia	or your company: Supply problems Survey period	Further information Survey frequency	
Apr 22	Does the war in with goods/ rav Supply problet input mate Name han_ukr2_ir	Ukraine, or the value materials / inpu	related measu It materials/ in aw materials/ ate inputs	res and develops termediate inpu Yes [1] Label ukraine april22	ments, represent a burden fits from Russia	or your company: Supply problems Survey period	Further information Survey frequency once	
Apr 22	Does the war in with goods/ rav Supply problet input mate Name han_ukr2_ir question	Ukraine, or the value materials / inpu	related measu It materials/ in aw materials/ ate inputs	res and develops termediate inpu Yes [1] Label ukraine april22	ments, represent a burden fits from Russia	or your company: Supply problems Survey period	Further information Survey frequency	
Apr 22 Wording of	Does the war in with goods/ rav Supply probler input mate Name han_ukr2_ir question	Ukraine, or the v materials/ inputers with goods/ retrials/ intermedians/ intermedians	related measus tt materials/ in aw materials/ ate inputs suprus	res and developitermediate inpu Yes [1] Label ukraine april22 amount of imp	ments, represent a burden fits from Russia E: impairment by war and act: supply problems from	or your company: Supply problems Survey period	Further information Survey frequency once	_
Apr 22 Wording of	Does the war in with goods/ rav Supply probler input mate Name han_ukr2_ir question	Ukraine, or the v materials/ inputes with goods/ rerials/ intermediantermediantermediantermediantermediantermediantermediantermediantermediantermediantermediantermediantermediantermediantermediantermediantermediantermedia	related measus that materials in a waterials are inputs suprus	res and developmentermediate inputermediate inputer	ments, represent a burden fits from Russia 2: impairment by war and act: supply problems from ments, represent a burden fit in the first intermedial	Survey period West and east 04/2022 or your company and what is the ate inputs from Russia (scale 1 to 5)	Further information Survey frequency once	
Apr 22 Wording of	Does the war in with goods/ rav Supply probler input mate Name han_ukr2_ir question	Ukraine, or the v materials/ inputers with goods/ retrials/ intermedians/ intermedians	related measus tt materials/ in aw materials/ ate inputs suprus	res and developitermediate inpu Yes [1] Label ukraine april22 amount of imp	ments, represent a burden fits from Russia E: impairment by war and act: supply problems from	Survey period West and east 04/2022 or your company and what is the ate inputs from Russia (scale 1 to 5)	Further information Survey frequency once	
Apr 22 Wording of	Does the war in with goods/ rav Supply probler input mate Name han_ukr2_ir question	Ukraine, or the v materials/ inpums with goods/ rerials/ intermeding intermedi	related measus that materials in a waterials are inputs suprus	res and developmentermediate inputermediate inputer	ments, represent a burden fits from Russia E: impairment by war and act: supply problems from ments, represent a burden fit / input materials/ intermedi	Survey period West and east 04/2022 or your company and what is the ate inputs from Russia (scale 1 to 5)	Further information Survey frequency once	
Apr 22 Wording of	Does the war in with goods/ rav Supply probler input mate Name han_ukr2_ir question	Ukraine, or the v materials/ inpums with goods/ rerials/ intermeding intermedi	related measus that materials in a waterials are inputs suprus	res and developmentermediate inputermediate inputer	ments, represent a burden fits from Russia E: impairment by war and act: supply problems from ments, represent a burden fit / input materials/ intermedi	Survey period West and east 04/2022 or your company and what is the ate inputs from Russia (scale 1 to 5)	Further information Survey frequency once	
Apr 22 Wording of	Does the war in with goods/ rav Supply probler input mate Name han_ukr2_ir question	Ukraine, or the v materials/ inpums with goods/ rerials/ intermeding intermedi	related measus that materials in a waterials are inputs suprus	res and developmentermediate inputermediate inputer	ments, represent a burden fits from Russia E: impairment by war and act: supply problems from ments, represent a burden fit / input materials/ intermedi	Survey period West and east 04/2022 or your company and what is the ate inputs from Russia (scale 1 to 5)	Further information Survey frequency once	
Apr 22 Wording of	Does the war in with goods/ rav Supply probler input mate Name han_ukr2_ir question	Ukraine, or the v materials/ inpums with goods/ rerials/ intermeding intermedi	related measus that materials in a waterials are inputs suprus	res and developmentermediate inputermediate inputer	ments, represent a burden fits from Russia E: impairment by war and act: supply problems from ments, represent a burden fit / input materials/ intermedi	Survey period West and east 04/2022 or your company and what is the ate inputs from Russia (scale 1 to 5)	Further information Survey frequency once	
Apr 22 Wording of	Does the war in with goods/ rav Supply probler input mate Name han_ukr2_ir question	Ukraine, or the v materials/ inpums with goods/ rerials/ intermeding intermedi	related measus that materials in a waterials are inputs suprus	res and developmentermediate inputermediate inputer	ments, represent a burden fits from Russia E: impairment by war and act: supply problems from ments, represent a burden fit / input materials/ intermedi	Survey period West and east 04/2022 or your company and what is the ate inputs from Russia (scale 1 to 5)	Further information Survey frequency once	

Apr 22	,			Further information
	Does the war in Ukraine, or the relate	ted measures and developments, represent a	burden for your company: Supply problems	
	with goods/ raw materials/ input ma	aterials/ intermediate inputs from belarus		
		Yes [1]		
	Supply problems with goods/ raw m			
	input materials/ intermediate in	nputs		
	Name	Label	Survey period	Survey frequency
	han ukr2 impair quan supb	belrus ukraine april22: impairment by wa	ar and West and east 04/2022	once
		amount of impact: supply problen		Cite
Wording of	question			.
Apr 22	2			Further information
	amount of impact: Supply problems v	ted measures and developments, represent a with goods/ raw materials/ input materials/ in		
	small impact	[2] [3] [4] ř	nuge impact	
	[1]		[5]	
	Name	Label	Survey period	Survey frequency
	han_ukr2_impair_supukr	ukraine april22: impairment by wa	ar: supply West and east 04/2022	once
	fauestion	problems nom a		
Wording of	4			
				Further information
Wording of Apr 22		ed measures and developments, represent a	burden for your company: Supply groblems	Further information
	Does the war in Ukraine, or the relate	ted measures and developments, represent a sterials/ intermediate inputs from ukraine	burden for your company: Supply problems	Further information
	Does the war in Ukraine, or the relate		burden for your company: Supply problems	Further information
	Does the war in Ukraine, or the relate	Yes [1]	burden for your company: Supply problems	Further information
	Does the war in Ukraine, or the relate with goods/ raw materials/ input mai	Yes [1]	burden for your company: Supply problems	Further information
	Does the war in Ukraine, or the relate with goods/ raw materials/ input main supply problems with goods/ raw materials/	Yes [1]	burden for your company: Supply problems	Further information
	Does the war in Ukraine, or the relate with goods/ raw materials/ input materials/ input materials/ input materials/ input materials/ intermediate in	Yes [1] materials/ intermediate inputs from ukraine		
	Does the war in Ukraine, or the relate with goods/ raw materials/ input materials/ problems with goods/ raw materials/ intermediate in input materials/ intermediate in	Yes [1] materials/ intermediate inputs from ukraine Yes [1] Label	Survey period	Survey frequency
	Does the war in Ukraine, or the relate with goods/ raw materials/ input materials/ input materials/ input materials/ input materials/ intermediate in	Yes [1] materials/ intermediate inputs from ukraine Yes [1] Label	Survey period ar and West and east 04/2022	
	Does the war in Ukraine, or the relate with goods/ raw materials/ input materials/ problems with goods/ raw minput materials/ intermediate in Name Name han_ukr2_impair_quan_supt	Yes [1] materials/ intermediate inputs from ukraine Yes [1] materials/ inputs Label Label ukr ukraine april22: impairment by w.	Survey period ar and West and east 04/2022	Survey frequency
Apr 22	Does the war in Ukraine, or the relate with goods/ raw materials/ input materials/ problems with goods/ raw m input materials/ intermediate in Name Name han_ukr2_impair_quan_supu	Yes [1] materials/ intermediate inputs from ukraine Yes [1] materials/ inputs Label Label ukr ukraine april22: impairment by w.	Survey period ar and West and east 04/2022	Survey frequency

		Label		Survey period	Survey frequency
han_ukr2_	impair_incenergy	ukraine april22: i energy prices	mpairment by war: increasing	West and east 04/2022	once
Wording of question					
Apr 22 Does the war prices	in Ukraine, or the related I	measures and developme	ents, represent a burden for y	rour company: increasing energy	Further information
in	creasing energy prices	Yes [1]			
Name		Label		Survey period	Survey frequency
han_ukr2_	impair_quan_incene		mpairment by war and	West and east 04/2022	once
Wording of question		amount of impac	tt: increasing energy prices		
					Further information
Apr 22 Does the war	in Ukraine, or the related i	measures and developme	ents, represent a burden for v	our company and what is the	
	pact: increasing energy pri		,		
	small impact [2	[3]	[4] huge impact]	
	[+]		[5]		
				J	
Name		Label		Survey period	Survey frequency
	impair ingerice		mairment by war increasing		
	impair_incprice		mpairment by war: increasinរុ	Survey period 8 West and east 04/2022	Survey frequency once
	impair_incprice	ukraine april22: i	mpairment by war: increasinį		
han_ukr2_ Wording of question	impair_incprice	ukraine april22: i	mpairment by war: increasin		
han_ukr2_ Wording of question Apr 22 Does the war		ukraine april22: i prices	ents, represent a burden for y		once
han_ukr2_ Wording of question Apr 22 Does the war	in Ukraine, or the related i	ukraine april22: i prices measures and developme is/ intermediate inputs (e	ents, represent a burden for y	s West and east 04/2022	once
han_ukr2_ Wording of question Apr 22 Does the war	in Ukraine, or the related i	ukraine april22: i prices	ents, represent a burden for y	s West and east 04/2022	once
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran	in Ukraine, or the related i	ukraine april22: i prices measures and developmes is/ intermediate inputs (e	ents, represent a burden for y	s West and east 04/2022	once
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran	in Ukraine, or the related in with materials and in materials for goods fraw materials fragments for goods fraw materials fragments from the control of the	ukraine april22: i prices measures and developmes is/ intermediate inputs (e	ents, represent a burden for y	s West and east 04/2022	once
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran	in Ukraine, or the related in with materials and in materials for goods fraw materials fragments for goods fraw materials fragments from the control of the	ukraine april22: i prices measures and developmes is/ intermediate inputs (e	ents, represent a burden for y	s West and east 04/2022	once
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran	in Ukraine, or the related in with materials and in materials for goods fraw materials fragments for goods fraw materials fragments from the control of the	ukraine april22: i prices measures and developmes is/ intermediate inputs (e	ents, represent a burden for y	s West and east 04/2022	once
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran Rising prices mate	in Ukraine, or the related i w materials/ input material for goods/ raw materials/ rials/ intermediate inputs	ukraine april22: I prices measures and developme is/ intermediate inputs (e Yes [1] input Label	ents, represent a burden for y excluding energy)	West and east 04/2022 Four company: Increasing prices Survey period	Further information Survey frequency
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran Rising prices mate	in Ukraine, or the related in with materials and in materials for goods fraw materials fragments for goods fraw materials fragments from the control of the	ukraine april22: i prices measures and developme is/ intermediate inputs (e Yes [1] input Label e ukraine april22: i	ents, represent a burden for y	West and east 04/2022	Further information
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran Rising prices mate	in Ukraine, or the related i w materials/ input material for goods/ raw materials/ rials/ intermediate inputs	ukraine april22: i prices measures and developme is/ intermediate inputs (e Yes [1] input Label e ukraine april22: i	ents, represent a burden for y excluding energy)	West and east 04/2022 Four company: Increasing prices Survey period	Further information Survey frequency
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ray Rising prices mate Name han_ukr2_	in Ukraine, or the related in with materials of input materials of the with	ukraine april22: i prices measures and developme is/ intermediate inputs (e Yes [1] input Label e ukraine april22: i	ents, represent a burden for y excluding energy)	West and east 04/2022 Four company: Increasing prices Survey period	Further information Survey frequency
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ray Rising prices mate Name han_ukr2_ Wording of question Apr 22 Does the war	in Ukraine, or the related in waterials/ input materials for goods/ raw materials/ rials/ intermediate inputs impair_quan_incpric	ukraine april22: i prices measures and developme (s/ intermediate inputs (e Yes [1] input Label ukraine april22: i amount of impac	ents, represent a burden for y excluding energy) mpairment by war and tt increasing prices	Survey period West and east 04/2022 Survey period West and east 04/2022	Further information Survey frequency once
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ray Rising prices mate Name han_ukr2_ Wording of question Apr 22 Does the war	in Ukraine, or the related in waterials/ input materials for goods/ raw materials/ rials/ intermediate inputs impair_quan_incpric	ukraine april22: i prices measures and developme (s/ intermediate inputs (e Yes [1] input Label ukraine april22: i amount of impac	ents, represent a burden for y excluding energy) mpairment by war and tt increasing prices	Survey period West and east 04/2022	Further information Survey frequency once
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran Rising prices mate Name han_ukr2_ Wording of question Apr 22 Does the war amount of im	in Ukraine, or the related of wind materials and input materials for goods fraw materials frials frials intermediate inputs impair_quan_incprice in Ukraine, or the related pact: Increasing prices for small impact [2]	ukraine april22: i prices measures and developme (s/ intermediate inputs (e Yes [1] input Label ukraine april22: i amount of impact measures and developme goods/ raw materials/ in	ents, represent a burden for y excluding energy) mpairment by war and the increasing prices ents, represent a burden for y put materials/ intermediate in	Survey period West and east 04/2022 Survey period West and east 04/2022	Further information Survey frequency once
han_ukr2_ Wording of question Apr 22 Does the war for goods/ ran Rising prices mate Name han_ukr2_ Wording of question Apr 22 Does the war amount of im	in Ukraine, or the related in waterials/ input materials for goods/ raw materials/ rials/ intermediate inputs impair_quan_incpric in Ukraine, or the related in pact: Increasing prices for increasing	ukraine april22: i prices measures and developme (s/ intermediate inputs (e Yes [1] input Label ukraine april22: i amount of impact measures and developme goods/ raw materials/ in	ents, represent a burden for y excluding energy) mpairment by war and tt increasing prices ents, represent a burden for y put materials/ intermediate in	Survey period West and east 04/2022 Survey period West and east 04/2022	Further information Survey frequency once

					1
Name		Label	Survey per	iod	Survey frequency
han_ukr2_i	mpair_restruss	ukraine april22: impairment by restrictions for russia	war: export West and e	east 04/2022	once
Wording of question					
Apr 22					Further information
Does the war i		res and developments, represent	a burden for your company: E	xport	
restrictions for	rrussia				
<u> </u>		Yes [1]			
Expo	rt restrictions for russia				
Name		Label	Survey per	iod	Survey frequency
han_ukr2_i	mpair_quan_restruss	ukraine april22: impairment by amount of impact: export restric		east 04/2022	once
Wording of question		amount of impact export restric			
Apr 22					Further information
Does the war i		res and developments, represent	a burden for your company ar	nd what is the	
amount of imp	pact: Export restrictions for russi	a (scale 1 to 5)			
	small impact [2]	[3] [4]	huge impact [5]		
Name		Label	Survey per	iod	Survey frequency
han_ukr2_i	mpair_restbelrus	ukraine april22: impairment by	war: export West and e	east 04/2022	once
Wording of question		restrictions for belarus			
					Further information
Apr 22 Does the war i	n Ukraine, or the related measu	res and developments, represent	a burden for your company: E	xport	
restrictions for	r belarus				
		Yes [1]			
Expor	t restrictions for belarus				
Name		Label	Survey per	iod	Survey frequency
han_ukr2_i	mpair_quan_restbelrus	ukraine april22: impairment by		east 04/2022	once
Wording of question		amount of impact: export restric	CCIO115 IUI		
					Further information
		res and developments, represent	a burden for your company ar	nd what is the	
amount of imp	pact: Export restrictions for belan	us (scale 1 to 5)			

small impact [1]	[2]	[3]	[4]	huge impact [5]

Name	Label	Survey period	Survey frequency
han_ukr2_impair_demruss	ukraine april22: impairment by war:	West and east 04/2022	once
	decreasing demand from Russia		

Apr 22

Does the war in Ukraine, or the related measures and developments, represent a burden for your company: decreasing demand from Russia

Yes [1]

Decreasing demand from Russia

Name	Label	Survey period	Survey frequency
han_ukr2_impair_quan_demruss	ukraine april22: impairment by war and	West and east 04/2022	once
	amount of impact: decreasing demand from		

Wording of question

Apr 22

Does the war in Ukraine, or the related measures and developments, represent a burden for your company and what is the amount of impact: Decreasing demand from Russia (scale 1 to 5)

Small impact

[2]

[3]

[4]

[5]

[5]

Name	Label	Survey period	Survey frequency
han_ukr2_impair_dembelrus	ukraine april22: impairment by war:	West and east 04/2022	once
	decreasing demand from belarus		

Wording of question

Apr 22

Does the war in Ukraine, or the related measures and developments, represent a burden for your company: decreasing demand from belarus

Yes [1]

decreasing demand from belarus

Name	Label	Survey period	Survey frequency
han_ukr2_impair_quan_dembelrus	ukraine april22: impairment by war and	West and east 04/2022	once
	amount of impact: decreasing demand from belarus		

Wording o	Does the war i			Yes [1]	ments, represer	it a burden for y	our company: decreasing	Further information
	Does the war idemand in oth	ner markets			ments, represer	it a burden for y	our company: decreasing	Further information
	Does the war idemand in oth	ner markets			ments, represer	it a burden for y	our company: decreasing	Further information
	22 Does the war i		erelated measu		ments, represer	it a burden for y	our company: decreasing	Further information
	22 Does the war i		related measu	ires and developi	ments, represer	it a burden for y	our company: decreasing	Further information
	22	n Ukraine, or the	related measu	ires and develop	ments. represer	it a burden for v	our company: decreasing	Further information
Wording o	of question							Further information
\A/ard:	of aucetic -							
		,		decreasing der				
	han ukr2 i	impair_demot	th	ukraine april22			West and east 04/2022	once
	Name			Label			Survey period	Survey frequency
		small impact	[2]	[3]	[4]	huge impact [5]		
		pact: decreasing o				. Jourden for y	22. Shipany and What is the	
Apr 2		in Ukraine, or the	related moss	ires and devoler	ments represen	it a hurden for	our company and what is the	
vvoruing o	of question							Further information
10/2-2				amount of imp ukraine				
	han ukr2 i	impair_quan_	demukr	ukraine april22			West and east 04/2022	once
	Name			Label			Survey period	Survey frequency
	decreas	sing demand from	n ukraine					
				Yes [1]				
	demand from		related mease	nes and develop	ments, represer	ica baracii ioi y	our company, accreasing	
Apr 2		in Ukraine, or the	related measu	ires and develop	ments, represer	it a burden for v	our company: decreasing	
vvoruing C	of question							Further information
Mordina				decreasing der	nand from ukra	ine		
	han_ukr2 i	impair_demul	kr	ukraine april22			West and east 04/2022	once
	Name			Label			Survey period	Survey frequency
		small impact	[2]	[3]	[4]	huge impact [5]		
	amount of imp	pact: decreasing o	demand from b	elarus (scale 1 to	5)	ica baracii ioi y	our company and what is the	
Apr 2		in Ukraine, or the	related measu	ures and develon	ments renreser	at a hurden for v	our company and what is the	

han_ukr2_impair_quan_demoth ukraine april22: impairment by war and amount of impact: decreasing demand in other markets

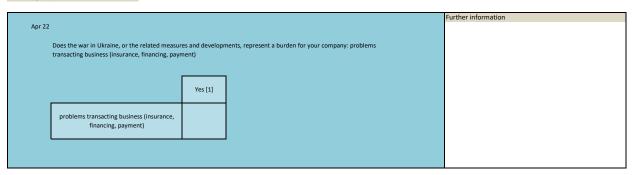
West and east 04/2022

Wording of question

							Further information
							ruttiei iiioiiiatioii
Apr 22							
Does the war	in Ukraine, or the	related measur	es and develop	nents, represent	a burden for vo	our company and what is the	
	pact: decreasing o				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	
amount or im	pact. decreasing t	iemanu in otne	illarkets (scale	1 (0 3)			
	small impact	[2]	[3]	[4]	huge impact		
	[1]				[5]		

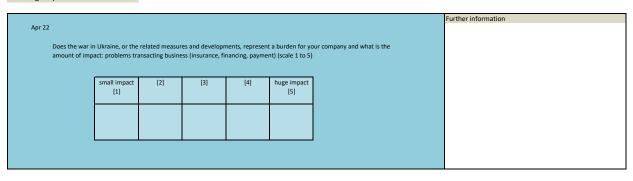
Label Name Survey period Survey frequency han_ukr2_impair_prob_bus ukraine april22: impairment by war: problems West and east 04/2022 once transacting business

Wording of question



Label Name Survey period Survey frequency han_ukr2_impair_quan_prob_bus ukraine april22: impairment by war and West and east 04/2022 once amount of impact: problems transacting business

Wording of question



Name Label Survey period Survey frequency ukraine april22: impairment by war: bad debts West and east 04/2022 han_ukr2_impair_debts once



Label Survey period Survey frequency Name ukraine april22: impairment by war and amount of impact: bad debts han_ukr2_impair_quan_debts West and east 04/2022 once Wording of question Further information Apr 22 Does the war in Ukraine, or the related measures and developments, represent a burden for your company and what is the amount of impact: bad debts (scale 1 to 5) huge impact [5] small impact [2] [3] [4] [1] Name Label Survey period Survey frequency han_ukr2_impair_logistic ukraine april22: impairment by war: logistics West and east 04/2022 once problems Wording of question urther information Apr 22 Does the war in Ukraine, or the related measures and developments, represent a burden for your company: logistics problems / increasing logistics costs Yes [1] logistics problems / increasing logistics costs Label Name Survey period Survey frequency han_ukr2_impair_quan_logistic ukraine april22: impairment by war and West and east 04/2022 once amount of impact; logistics problems Wording of question urther information Apr 22 Does the war in Ukraine, or the related measures and developments, represent a burden for your company and what is the amount of impact: logistics problems / increasing logistics costs (scale 1 to 5) small impact huge impact [5] Survey period Survey frequency han_ukr2_sup_comp ukraine april22: compensate supply problems West and east 04/2022 once Wording of question Apr 22 If han_ukr2_impair_suprus, han_ukr2_impair_supbelrus or han_ukr2_impair_supukr is checked If you suffer from delivery problems with goods/ raw materials/ input materials from Russia, Belarus or Ukraine: Is it possible for your company to replace these products with other products in the short term, or to obtain them from other sources? yes, partially [2] yes, but econ. not useful [3] not possible yes, completely [1] [4]

Name			Label			Survey period	Survey frequency
han_cor29_	lockshort		corona may22: I short.	lockdown china	exacerbated	West and east 05/2022	once
Wording of question							
Mai 22							Further information
	nt lockdowns in	China (e.g. in Sh	anghai) exacerba	ated the supply s	shortages?		
	Yes [1]	No [2]	Dont know [3]				
Name			Label			Survey period	Survey frequency
Name			Lusei			Survey period	
han_dur_sa	le_short		duration sales a shortage	ctivity is constra	ined by supply	West and east 06/2022	once

Jun 22

If your production activity/sales activity/construction activity is currently constrained by shortages of raw materials or input materials/supply shortages/material shortages: How long do you think these problems will continue?

Name	Label	Survey period	Survey frequency
han_empl_minw10	employees affected by min. wage (10.45 euro	West and east 06/2022	once

Wording of question

Jun 22

Does your company currently have employment relations that are directly affected by a minimum wage of 10.45 euro?

Yes [1] No [2] Dont know [3]

Name	Label	Survey period	Survey frequency
han_empl_minw10_perc	percentage employees affected by min. wage	West and east 06/2022	once
	(10.45 euro)		

Wording of question

Jun 22

Does your company currently have employment relations that are directly affected by a minimum wage of 10.45 euro. What

		ectly affected by a minimum wage of 10.45 eur		
	%			
Name		Label	Survey period	Survey frequency
han_empl	_minw12	employees affected by min. wage (12.00 euro	West and east 06/2022	once
Wording of question				
Jun 22				Further information
Does your co	ompany currently have employme	nt relations that are directly affected by a mini	num wage of 12,00 euro?	
	Yes [1] No [2]	Dont know [3]		
Name		Label	Survey period	Survey frequency
	_minw12_perc	percentage employees affected by min. wage		once
Wording of question		(12.00 euro)		
lun 22				Further information
		nt relations that are directly affected by a mini ectly affected by a minimum wage of 12.00 eur		Further information
Does your co				Further information
Does your co				Further information
Does your co	f your current employment is dir			Further information
Does your co	f your current employment is dir			Further information Survey frequency
Does your co percentage o	f your current employment is dir	ectly affected by a minimum wage of 12.00 eur	0?	
Does your co percentage o	f your current employment is dir	Label	Survey period	Survey frequency
Does your copercentage of Name	f your current employment is dir	Label	Survey period	Survey frequency
Name han_react Wording of question	of your current employment is dir	Label	Survey period West and east 06/2022	Survey frequency once Further information
Name han_react Wording of question	of your current employment is dir	Label reaction min. wage: employees total the minimum wage increases: Total number of	Survey period West and east 06/2022	Survey frequency once Further information
Name han_react Wording of question	of your current employment is dir	Label reaction min. wage: employees total the minimum wage increases: Total number of	Survey period West and east 06/2022	Survey frequency once Further information
Name han_react Wording of question	of your current employment is dir	Label reaction min. wage: employees total the minimum wage increases: Total number of	Survey period West and east 06/2022	Survey frequency once Further information
Name han_react Wording of question	of your current employment is dir	Label reaction min. wage: employees total the minimum wage increases: Total number of	Survey period West and east 06/2022	Survey frequency once Further information
Name han_react Wording of question	of your current employment is dir	Label reaction min. wage: employees total the minimum wage increases: Total number of	Survey period West and east 06/2022	Survey frequency once Further information

Numer Sabel Survey period Survey frequency					
Name Label Survey period Survey frequency Modifing of question Name Label Survey period Survey frequency Modifing of question Name Label Survey period Survey frequency Modifing of question Name Label Survey service to social social for segment to region dis the monitorial wage increases. Also sident to social	lun 22				
Name Label Survey period Survey frequency Than prest, minor you company expected to respond to the minimum wage receases. Mis subject to social scenity Name Label Survey period Survey frequency Norting of question Name Label Survey period Survey frequency Provi is your company expected for respond to the minimum wage receases. Mis subject to social scenity Provided for change (2) Provide (2) Provide (3) In a 122 How it your company expected for respond to the minimum wage receases. Also subject to social scenity Name Label Survey period Survey frequency Next and east 05/2022 once Wording of question Name Label Survey period Survey frequency In a 122 How it your company expected for respond to the minimum wage receases. Average working time Name Label Survey period Survey frequency In a 122 It was your company expected for respond to the minimum wage receases. Wages for mosting employment relationships with hourly wages alone 12.00.		company expected to respond to	o the minimum wage increases: Minijohs		omy omine
Name Label Survey period Survey frequency han _react_minw_soc	non is your	iompany expected to respond to	, the minimum rage mereases. Miniposs		
Name Label Survey period Survey frequency In react, minw, soc rections min water jobs subject to social west and east 06/2022 once Wording of question In the system company executed to respond to the minimum wage increaser; labs subject to social security In the system company executed to respond to the minimum wage increaser; labs subject to social security In the system company executed to respond to the minimum wage increaser; labs subject to social security In the system company executed to respond to the minimum wage increaser; Average working time In the system company executed to respond to the minimum wage increaser; Average working time In the system company executed to respond to the minimum wage increaser; Average working time In the system company executed to respond to the minimum wage increaser; Average working time In the system company executed to respond to the minimum wage increaser; Average working time In the system company executed to respond to the minimum wage increaser; Average working time In the system company executed to respond to the minimum wage increaser; Wages for outsing employment relationships In the system company executed to respond to the minimum wage increaser; Wages for outsing employment relationships In the system company expected to respond to the minimum wage increaser; Wages for outsing employment relationships In the system company expected to respond to the minimum wage increaser; Wages for outsing employment relationships In the system company expected to respond to the minimum wage increaser; Wages for outsing employment relationships In the system company expected to respond to the minimum wage increaser; Wages for outsing employment relationships In the system company expected to respond to the minimum wage increaser; Wages for outsing employment relationships In the system company expected to respond to the minimum wages increaser; Wages for outsing employment relationships In the system company expected to respond to th		reduction/dec no change [2	21 increase [3]		
Name Label Survey period Survey frequency					
Name Label Survey period Survey frequency					
Name Label Survey period Survey frequency					
Name Label Survey period Survey frequency					
Name Label Survey period Survey frequency					
Name Label Survey period Survey frequency					
Wording of question Name	Name		Labei	Survey period	Survey frequency
Wording of question Name Label Survey period Survey frequency han_react_minw_time reaction min. wage severage working time Wording of question Name Label Survey period Survey frequency han_react_minw_time reaction min. wage severage working time West and east 06/2022 once Name Label Survey period Survey frequency Wording of question Name Label Survey period Survey frequency If serther information only cultic Particle information only cultic Survey period Survey frequency West and east 06/2022 once Name Label Survey period Survey frequency Was and east 06/2022 once Name Label Survey period Survey frequency Was and east 06/2022 once Name Label Survey period Survey frequency Was and east 06/2022 once Wording of question	han_react	_minw_soc		West and east 06/2022	once
Further information only ordine Survey period Survey frequency			security		
Name Label Survey period Survey frequency	Wording of question				
Name Label Survey period Survey frequency Name Label Survey period Survey frequency	lun 22				
Name Label Survey period Survey frequency han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company espected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency Transe [1] Increase [3] Increase [only online
Name Label Survey period Survey frequency han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12:00 euro Wording of question Name Label Survey period Survey frequency West and east 06/2022 once Wording of question Name Label Survey period Survey frequency West and east 06/2022 once Wording of question Further information only online Further information only online Further information only online	How is your	company expected to respond to	the minimum wage increases: Jobs subject	to social security	
Name Label Survey period Survey frequency han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12:00 euro Wording of question Name Label Survey period Survey frequency West and east 06/2022 once Wording of question Name Label Survey period Survey frequency West and east 06/2022 once Wording of question Further information only online Further information only online Further information only online					
han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Further information only online			increase [3]		
han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Further information only online					
han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Further information only online					
han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Further information only online					
han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Further information only online					
han_react_minw_time reaction min. wage: average working time West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Average working time Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships West and east 06/2022 once Further information only online					
Wording of question Jun 22	Name		Label	Survey period	Survey frequency
Further information only online	han_react	_minw_time	reaction min. wage: average working time	West and east 06/2022	once
Further information only online					
Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Increase [3] Further information only online Further information only online	Wording of question				
Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Wages above 12.00 Further information only online	Jun 22				
Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Wages above 12.00 West and east 06/2022 once Further information only online			the minimum wage increases: Average wor	king time	
Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00		company expected to respond to			
Name Label Survey period Survey frequency han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00		company expected to respond to			
han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Further information only online Further information only online			!] increase [3]		
han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Further information only online How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00		reduction/dec no change [2	2] increase [3]		
han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Further information only online Further information only online		reduction/dec no change [2	2] increase [3]		
han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Further information only online How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00		reduction/dec no change [2	2] increase [3]		
han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Further information only online How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00		reduction/dec no change [2	2] increase [3]		
han_react_minw_wages reaction min. wage: wages above 12.00 euro West and east 06/2022 once Wording of question Further information only online How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00		reduction/dec no change [2	?] increase [3]		
Wording of question Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00 Further information only online	Nama	reduction/dec no change [2		Survey period	Sungarfraguana
Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00	Name	reduction/dec no change [2		Survey period	Survey frequency
Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00		reduction/dec no change [2 rease [1]	Label		
Jun 22 How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00	han_react	reduction/dec no change [2 rease [1]	Label		
How is your company expected to respond to the minimum wage increases: Wages for existing employment relationships with hourly wages above 12.00	han_react	reduction/dec no change [2 rease [1]	Label		
with hourly wages above 12.00	han_react Wording of question	reduction/dec no change [2 rease [1]	Label		once Further information
no change [2] increase [3]	han_react Wording of question Jun 22	reduction/dec no change [2 rease [1]	Label reaction min. wage: wages above 12.00 e	uro West and east 06/2022	once Further information
no change [z] increase [s]	han_react Wording of question Jun 22 How is your	reduction/dec no change [2 rease [1]	Label reaction min. wage: wages above 12.00 e	uro West and east 06/2022	once Further information
	han_react Wording of question Jun 22 How is your	reduction/dec no change [2 rease [1]	Label reaction min. wage: wages above 12.00 e	uro West and east 06/2022	once Further information
	han_react Wording of question Jun 22 How is your	reduction/dec no change [2 rease [1]	Label reaction min. wage: wages above 12.00 e	uro West and east 06/2022	once Further information
	han_react Wording of question Jun 22 How is your	reduction/dec no change [2 rease [1]	Label reaction min. wage: wages above 12.00 e	uro West and east 06/2022	once Further information

Name		Label	Survey period	Survey frequency
han_react	_minw_spec	reaction min. wage: special payments	West and east 06/2022	once
Wording of question				
				Further information
Jun 22 How is your co	ompany expected to respond to	the minimum wage increases: Special payments	s	only online
	reduction/dec no change [2] rease [1]	increase [3]		
Name		Label	Survey period	Survey frequency
han_react	_minw_training	reaction min. wage: trainings	West and east 06/2022	once
Wording of question				
Jun 22				Further information only online
	ompany expected to respond to	the minimum wage increases: Trainings		only online
	reduction/dec no change [2] rease [1]	increase [3]		
				"
Name		Label	Survey period	Survey frequency
	_minw_sale	Label reaction min. wage: sales prices	Survey period West and east 06/2022	Survey frequency once
	_minw_sale			
han_react_	_minw_sale			once Further information
han_react_ Wording of question				once
han_react_ Wording of question	ompany expected to respond to	reaction min. wage: sales prices the minimum wage increases: Sales prices		once Further information
han_react_ Wording of question		reaction min. wage: sales prices the minimum wage increases: Sales prices		once Further information
han_react_ Wording of question	ompany expected to respond to reduction/dec no change [2]	reaction min. wage: sales prices the minimum wage increases: Sales prices		once Further information
han_react_ Wording of question	ompany expected to respond to reduction/dec no change [2]	reaction min. wage: sales prices the minimum wage increases: Sales prices		once Further information
han_react_ Wording of question	ompany expected to respond to reduction/dec no change [2]	reaction min. wage: sales prices the minimum wage increases: Sales prices		once Further information
han_react_ Wording of question	ompany expected to respond to reduction/dec no change [2]	reaction min. wage: sales prices the minimum wage increases: Sales prices		once Further information
han_react_ Wording of question Jun 22 How is your co	ompany expected to respond to reduction/dec no change [2]	reaction min. wage: sales prices the minimum wage increases: Sales prices increase [3]	West and east 06/2022	Further information only online
han_react_ Wording of question Jun 22 How is your co	ompany expected to respond to reduction/dec no change [2] rease [1]	reaction min. wage: sales prices the minimum wage increases: Sales prices increase [3]	West and east 06/2022 Survey period	Further information only online Survey frequency
han_react_ Wording of question Jun 22 How is your of Name han_react_ Wording of question	ompany expected to respond to reduction/dec no change [2] rease [1]	reaction min. wage: sales prices the minimum wage increases: Sales prices increase [3]	West and east 06/2022 Survey period	Further information only online Survey frequency once
Name han_react Wording of question Name han_react Wording of question	ompany expected to respond to reduction/dec no change [2] rease [1]	reaction min. wage: sales prices the minimum wage increases: Sales prices increase [3]	West and east 06/2022 Survey period	Further information only online Survey frequency once
Name han_react Wording of question Name han_react Wording of question	ompany expected to respond to reduction/dec no change [2] rease [1]	reaction min. wage: sales prices the minimum wage increases: Sales prices increase [3] Label reaction min. wage: investments	West and east 06/2022 Survey period	Further information only online Survey frequency once
Name han_react Wording of question Name han_react Wording of question	ompany expected to respond to reduction/dec no change [2] rease [1]	reaction min. wage: sales prices the minimum wage increases: Sales prices increase [3] Label reaction min. wage: investments	West and east 06/2022 Survey period	Further information only online Survey frequency once
Name han_react Wording of question Name han_react	ompany expected to respond to reduction/dec no change [2] rease [1] _minw_invest ompany expected to respond to reduction/dec no change [2]	reaction min. wage: sales prices the minimum wage increases: Sales prices increase [3] Label reaction min. wage: investments	West and east 06/2022 Survey period	Further information only online Survey frequency once

Name		Label	Survey period	Survey frequency
han_effect_	minw_prof	effects min. wage: profitability	West and east 06/2022	once
Wording of question				
Jun 22				Further information
		num wage increase to have with regard to the	following aspects / variables: Profitability	
or your compan	reduction/dec no cl	hange [2] increase [3]		
	rease [1]	mange [2]		
l l				
Name		Label	Survey period	Survey frequency
han_effect_	minw_compet	effects min. wage: competitiveness	West and east 06/2022	once
Wording of question				
Jun 22				Further information
What effects do Competitivenes		num wage increase to have with regard to the	following aspects / variables:	
	reduction/dec no co	hange [2] increase [3]		
Name		Label	Survey period	Survey frequency
han_effect_i	minw_prel	effects min. wage: prices for prel. p	orod. West and east 06/2022	once
Wording of question				
				Further information
		num wage increase to have with regard to the	following aspects / variables: prices for	
preliminary pro	ducts and services			
	reduction/dec no co	hange [2] increase [3]		
l				
Name		Label	Survey period	Survey frequency
han_effect_	minw_dem	effects min. wage: demand for goo	West and east 06/2022	once
Wording of question				
Jun 22				Further information
	you expect the minir	num wage increase to have with regard to the	following aspects / variables: Demand for	
your goods				

	reduction/dec rease [1]	no change [2]	increase [3]

Name	Label	Survey period	Survey frequency
han_cor31_respsupply	corona july22: response actions to supply	West and east 07/2022	once
	chain disruptions	West and east 11/2023	once

Name	Label	Survey period	Survey frequency
han_cor31_respsupply_div		West and east 07/2022	once
	chain disruptions: diversification	West and east 11/2023	once

Wording of question

Since the outbreak of the Corona pandemic, there have been supply chains disruptions worldwide. Have you already taken concrete action in response: Diversification in procurement / new suppliers (Please check all that apply)

Yes [1]

Diversification in procurement / new suppliers

Nov 23

Has your company taken concrete action in the last 12 months to reduce the risk of supply chain disruptions: Diversification in procurement / new suppliers (Please check all that apply)

Yes [1]

Diversification in procurement / new suppliers

Yes [1]

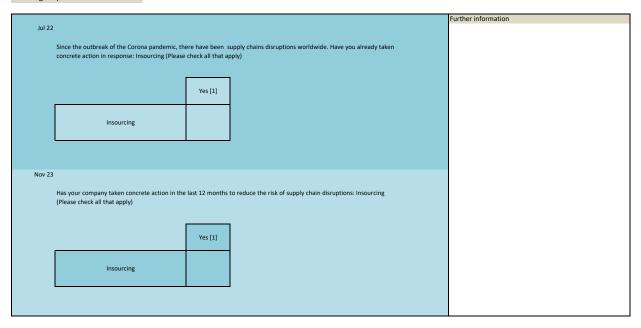
Diversification in procurement / new suppliers

Name	Label	Survey period	Survey frequency
han_cor31_respsupply_reall	corona july22: response actions to supply	West and east 07/2022	once
	chain disruptions: reallocation exist. deliv.	West and east 11/2023	once

	Further information
Jul 22	
Since the outbreak of the Corona pandemic, there have been supply chains disruptions worldwide. Have you already taken concrete action in response: Reallocation existing supply relationships (Please check all that apply)	
Yes [1]	
Reallocation existing supply relationships	
Nov 23	
Has your company taken concrete action in the last 12 months to reduce the risk of supply chain disruptions: Reallocation existing supply relationships (Please check all that apply)	
Yes [1]	
Reallocation existing supply relationships	

Name	Label	Survey period	Survey frequency
han_cor31_respsupply_ins	corona july22: response actions to supply	West and east 07/2022	once
	chain disruptions: insourcing	West and east 11/2023	once

Wording of question

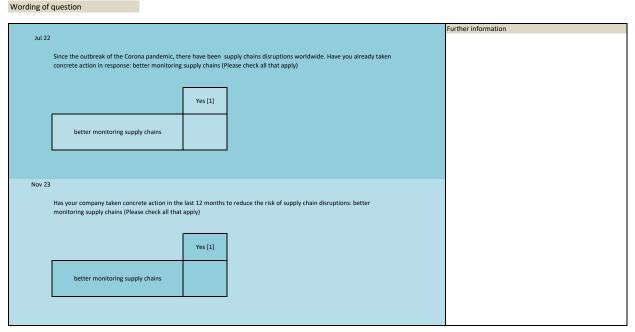


Name	Label	Survey period	Survey frequency
	_		
han_cor31_respsupply_incrware		West and east 07/2022	once
	chain disruptions: increased warehousing	West and east 11/2023	once

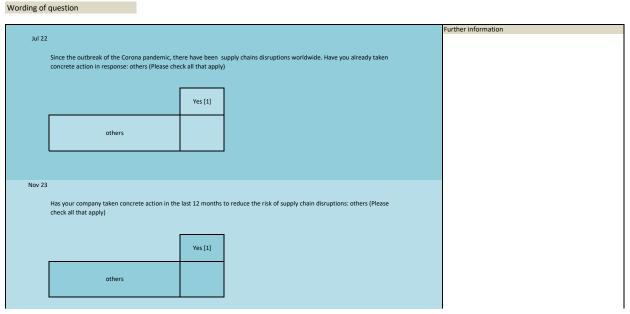


Nov 23			
	Has your company taken concrete action in the warehousing (Please check all that apply)	last 12 months	to reduce the risk of supply chain disruptions: increased
		Yes [1]	
	increased warehousing		

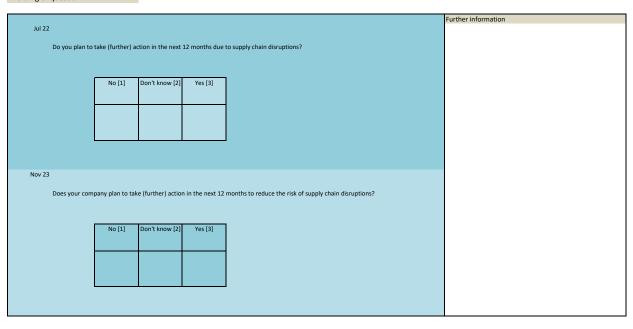
Name	Label	Survey period	Survey frequency
han_cor31_respsupply_	_mon corona july22: response action		once
	chain disruptions: better mon	it. supply chains West and east 11/2023	once



Name	Label	Survey period	Survey frequency
han_cor31_respsupply_others		West and east 07/2022	once
	chain disruptions: others	West and east 11/2023	once

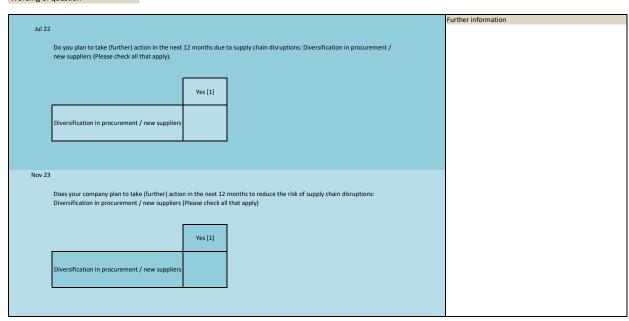


Name	Label	Survey period	Survey frequency
han_cor31_nextaction	corona july22: actions in next 12 mon. due	West and east 07/2022	once
	supply chain disr.	West and east 11/2023	once



Name	Label	Survey period	Survey frequency
han cor31 nextaction div	corona july22: actions in next 12 mon. due	West and east 07/2022	once
nun_coro1_nextaction_uiv	supply chain disr.: diversification	West and east 11/2022	once

Wording of question



Name	Label	Survey period	Survey frequency
han_cor31_nextaction_reall	corona july22: actions in next 12 mon. due supply chain disr.: reallocation exist. deliv. Ratios	West and east 07/2022 West and east 11/2023	once once

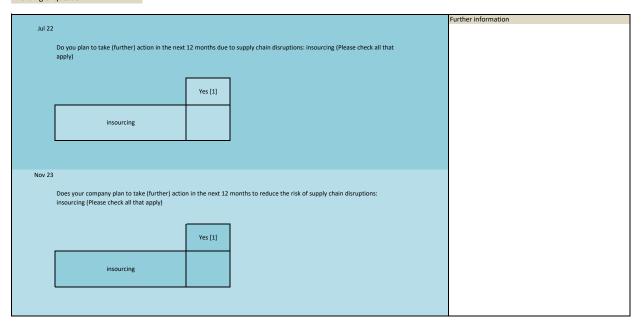
Wording of question

Jul 22

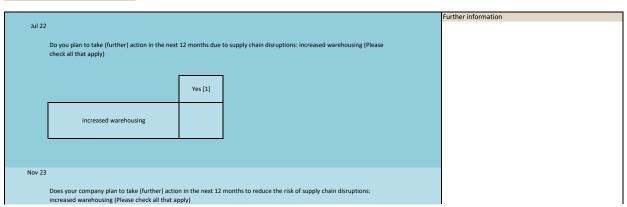
Do you plan to take (further) action in the next 12 months due to supply chain disruptions: Reallocation existing supply

relationships (Please check all that apply) Reallocation existing supply relationships	Yes [1]	
Nov 23 Does your company plan to take (further) action Reallocation existing supply relationships (Pleas Reallocation existing supply relationships Reallocation existing supply relationships	in the next 12 months to reduce the risk of supply chain disruptions: check all that apply) Yes [1]	

Name	Label	Survey period	Survey frequency
han cor31 nextaction ins	corona july22: actions in next 12 mon. due	West and east 07/2022	once
	supply chain disr.: insourcing	West and east 11/2023	once

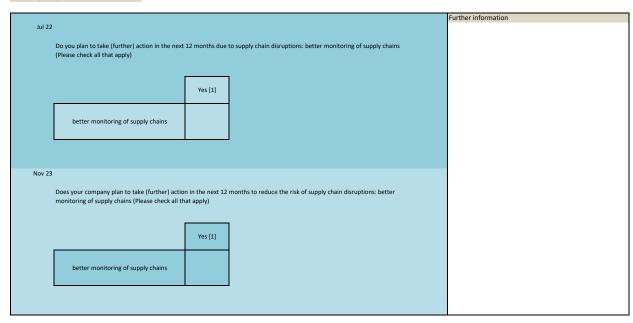


Name	Label	Survey period	Survey frequency
han_cor31_nextaction_incrware	corona july22: actions in next 12 mon. due supply chain disr.: increased warehousing	West and east 07/2022 West and east 11/2023	once once



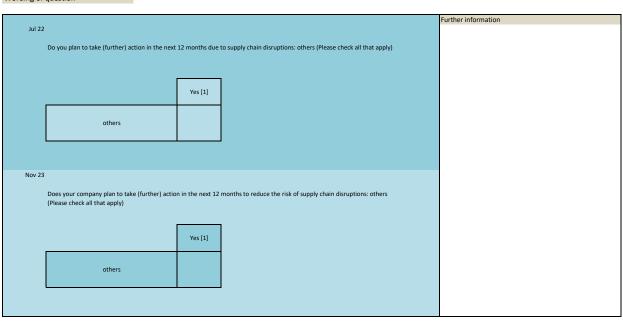
	Yes [1]
increased warehousing	

Name	Label	Survey period	Survey frequency
	corona july22: actions in next 12 mon. due supply chain disr.: better monit. supply chains		once



Name	Label	Survey period	Survey frequency
han_cor31_nextaction_others	corona july22: actions in next 12 mon. due	West and east 07/2022	once
	supply chain disr.: others	West and east 11/2023	once

Wording of question



Name Label Survey period Survey frequency

Name		Label	Survey period	Survey frequency	

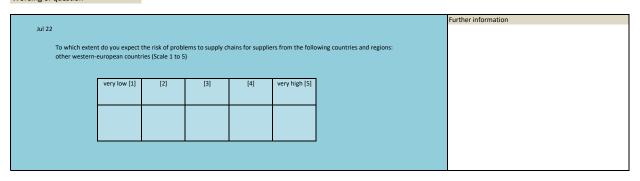
urther information Iul 22 From which countries and regions are you now increasingly sourcing preliminary products/goods: Bulgaria/ Romania/ Croatia (Please check all that apply) Asked if the following variables are checked: han_cor31_respsupply_div han_cor31_respsupply_reall han_cor31_nextaction_div han_cor31_nextaction_reall Yes [1] Bulgaria/ Romania/ Croatia

Name Label Survey period Survey frequency han_cor31_regionsourc_baltur corona july22: regions sourcing products from: West and east 07/2022 once Western Balkans/ Turkey Wording of question urther information Iul 22 From which countries and regions are you now increasingly sourcing preliminary products/goods: Western Balkans/ Turkey (Please check all that apply) Asked if the following variables are checked: han_cor31_respsupply_div han_cor31_respsupply_reall han_cor31_nextaction_div han_cor31_nextaction_reall Yes [1] Western Balkans/ Turkey Name Label Survey period Survey frequency corona july22: regions sourcing products from: $\begin{tabular}{ll} West and east 07/2022 \\ Northafrica \end{tabular}$ han_cor31_regionsourc_nafrica once Wording of question Further information Jul 22 From which countries and regions are you now increasingly sourcing preliminary products/goods: Northafrica (Please check all that apply) Asked if the following variables are checked: han_cor31_respsupply_div han_cor31_respsupply_reall han_cor31_nextaction_div han_cor31_nextaction_reall Yes [1] Northafrica Name Label Survey period Survey frequency han_cor31_regionsourc_china corona july22: regions sourcing products from: West and east 07/2022 once Wording of question Further information Jul 22 From which countries and regions are you now increasingly sourcing preliminary products/goods: China (Please check all that Asked if the following variables are checked: apply) han cor31 respsupply div han_cor31_respsupply_reall han_cor31_nextaction_div han_cor31_nextaction_reall Yes [1] China Label Name Survey period Survey frequency han_cor31_regionsourc_seasia corona july22: regions sourcing products from: West and east 07/2022 Southeast Asia once Wording of question Further information From which countries and regions are you now increasingly sourcing preliminary products/goods: Southeast Asia (Please asked if the following variables are checked: check all that apply) han_cor31_respsupply_div han_cor31_respsupply_reall han_cor31_nextaction_div han_cor31_nextaction_reall Yes [1]

Southeast Asia Survey period Survey frequency han_cor31_regionsourc_uskamex corona july22: regions sourcing products from: West and east 07/2022 once USA/ Kanada/ Mexico Wording of question Further information Iul 22 only online From which countries and regions are you now increasingly sourcing preliminary products/goods: USA/ Kanada/ Mexico (Please check all that apply) Asked if the following variables are checked: han_cor31_respsupply_div han_cor31_respsupply_reall han_cor31_nextaction_div han_cor31_nextaction_reall Yes [1] USA/ Kanada/ Mexico Survey frequency corona july22: regions sourcing products from: West and east 07/2022 han_cor31_regionsourc_others once Wording of question Further information Jul 22 $From \ which \ countries \ and \ regions \ are \ you \ now \ increasingly \ sourcing \ preliminary \ products/goods: \ other \ countries \ (Please$ Asked if the following variables are checked: han_cor31_respsupply_div check all that apply) han_cor31_respsupply_reall han_cor31_nextaction_div han cor31 nextaction reall Yes [1] other countries Survey period Survey frequency han_cor31_risksupply_ger corona july22: risk supply chain disruptions: West and east 07/2022 once Wording of question Further information Jul 22 To which extent do you expect the risk of problems to supply chains for suppliers from the following countries and regions: Germany (Scale 1 to 5) very low [1] [2] [3] [4] very high [5] Survey period Survey frequency han_cor31_risksupply_gerdk corona july22: risk supply chain disruptions: West and east 07/2022 once germany dk. Wording of question Further information Jul 22 To which extent do you expect the risk of problems to supply chains for suppliers from the following countries and regions: Germany (Don't know = 1)

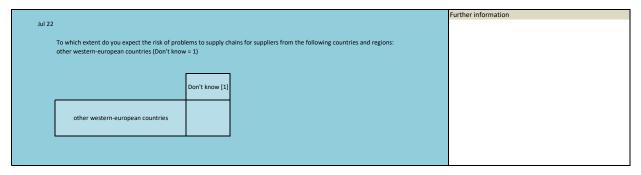
	Don't know [1]
Germany	

Name	Label	Survey period	Survey frequency
han_cor31_risksupply_westeu	corona july22: risk supply chain disruptions:	West and east 07/2022	once
nan_corsi_nsksuppry_wested	other westen, count.	West and east 07/2022	Office



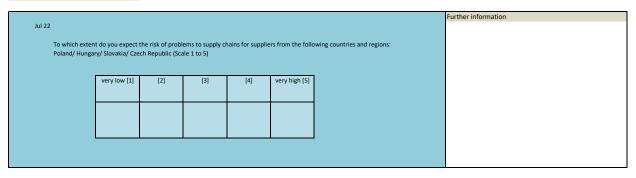
Name	Label	Survey period	Survey frequency
		West and east 07/2022	once
	other westeu. count. dk.		

Wording of question



Name	Label	Survey period	Survey frequency
han cor31 risksupply polhuslcz	corona july22: risk supply chain disruptions:	West and east 07/2022	once
,	Poland/ Hungary/ Slovakia/ Czech Republic		

Wording of question



Name		Label	Survey period	Survey frequency
		corona july22: risk supply chain disruptions:		once
han_c	or31_risksupply_polhuslczdk	Poland/ Hungary/ Slovakia/ Czech Republic dk.		

				Further information
Jul 22				
	nt do you expect the risk of prot ary/ Slovakia/ Czech Republic (D	blems to supply chains for suppliers from on't know = 1)	n the following countries and regions:	
		Don't know [1]		
Poland/ Hung	gary/ Slovakia/ Czech Republic			
				·
Name		Label	Survey period	Survey frequency
han cor21	_risksupply_bulromcro	corona july22: risk supply chain disru	tions: West and east 07/2022	once
man_corsi_	_nakauppry_bull officio	Bulgaria/ Romania/ Croatia	West und cast 07/2022	once
ding of question				
				Further information
Jul 22				
To which exten Bulgaria/ Roma	nt do you expect the risk of prob ania/ Croatia (Scale 1 to 5)	blems to supply chains for suppliers from	the following countries and regions:	
•				
	very low [1] [2]	[3] [4] very	high [5]	
••				
Name		Label	Survey period	Survey frequency
Name				
	_risksupply_bulromcrodk	corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.		Survey frequency once
han_cor31_	_risksupply_bulromcrodk	corona july22: risk supply chain disru		
han_cor31_	_risksupply_bulromcrodk	corona july22: risk supply chain disru		once
han_cor31_	_risksupply_bulromcrodk	corona july22: risk supply chain disru		
han_cor31_ rding of question Jul 22 To which exten	nt do you expect the risk of prot	corona july22: risk supply chain disru	tions: West and east 07/2022	once
han_cor31_ rding of question Jul 22 To which exten		corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.	tions: West and east 07/2022	once
han_cor31_ rding of question Jul 22 To which exten	nt do you expect the risk of prot	corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.	tions: West and east 07/2022	once
han_cor31_rding of question Jul 22 To which exten	nt do you expect the risk of prot	corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.	tions: West and east 07/2022	once
han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma	nt do you expect the risk of prot	corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.	tions: West and east 07/2022	once
han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma	nt do you expect the risk of prot ania/ Croatia (Don't know = 1)	corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.	tions: West and east 07/2022	once
han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma	nt do you expect the risk of prot ania/ Croatia (Don't know = 1)	corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.	tions: West and east 07/2022	once
han_cor31_ ding of question Jul 22 To which exten Bulgaria/ Roma	nt do you expect the risk of prot ania/ Croatia (Don't know = 1)	corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.	tions: West and east 07/2022	once
han_cor31_ ding of question Jul 22 To which exten Bulgaria/ Roma	nt do you expect the risk of prot ania/ Croatia (Don't know = 1)	corona july22: risk supply chain disru Bulgaria/ Romania/ Croatia dk.	tions: West and east 07/2022	once
han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma Bulgaria/ Bulga	nt do you expect the risk of prot ania/ Croatia (Don't know = 1)	corona july22: risk supply chain disrug Bulgaria/ Romania/ Croatia dk. blems to supply chains for suppliers from Don't know [1]	West and east 07/2022 In the following countries and regions:	Further information
han_cor31_ ding of question Jul 22 To which exten Bulgaria/ Roma Bulgaria Name	nt do you expect the risk of prot ania/ Croatia (Don't know = 1)	corona july22: risk supply chain disruj Bulgaria/ Romania/ Croatia dk. blems to supply chains for suppliers from Don't know [1] Label corona july22: risk supply chain disruj	west and east 07/2022 In the following countries and regions: Survey period	Further information
han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma Bulga Name han_cor31_	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia	corona july22: risk supply chain disrug Bulgaria/ Romania/ Croatia dk. blems to supply chains for suppliers from Don't know [1]	west and east 07/2022 In the following countries and regions: Survey period	Further information Survey frequency
han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma Bulga Name han_cor31_	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia	corona july22: risk supply chain disruj Bulgaria/ Romania/ Croatia dk. blems to supply chains for suppliers from Don't know [1] Label corona july22: risk supply chain disruj	west and east 07/2022 In the following countries and regions: Survey period	Further information Survey frequency
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han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma Bulgaria/ Roma Name han_cor31_ rding of question	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia _risksupply_baltur	corona july22: risk supply chain disruj Bulgaria/ Romania/ Croatia dk. blems to supply chains for suppliers from Don't know [1] Label corona july22: risk supply chain disruj Western Balkans/ Turkey	West and east 07/2022 The following countries and regions: Survey period tions: West and east 07/2022	Further information Survey frequency once
han_cor31_ ording of question Jul 22 To which exten Bulgaria/ Roma Name han_cor31_ ording of question Jul 22 To which exten	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia _risksupply_baltur	corona july22: risk supply chain disruj Bulgaria/ Romania/ Croatia dk. blems to supply chains for suppliers from Don't know [1] Label corona july22: risk supply chain disruj	West and east 07/2022 The following countries and regions: Survey period tions: West and east 07/2022	Further information Survey frequency once
han_cor31_ ording of question Jul 22 To which exten Bulgaria/ Roma Name han_cor31_ ording of question Jul 22 To which exten	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia risksupply_baltur nt do you expect the risk of prot ns/ Turkey (Scale 1 to 5)	corona july22: risk supply chain disruger and supply chains for suppliers from the blems to	west and east 07/2022 In the following countries and regions: Survey period tions: West and east 07/2022	Further information Survey frequency once
han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma Name han_cor31_ rding of question Jul 22 To which exten	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia _risksupply_baltur nt do you expect the risk of prot	corona july22: risk supply chain disruger and supply chains for suppliers from the blems to	West and east 07/2022 The following countries and regions: Survey period tions: West and east 07/2022	Further information Survey frequency once
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han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma Name han_cor31_ rding of question Jul 22 To which exten	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia risksupply_baltur nt do you expect the risk of prot ns/ Turkey (Scale 1 to 5)	corona july22: risk supply chain disruger and supply chains for suppliers from the blems to	west and east 07/2022 In the following countries and regions: Survey period tions: West and east 07/2022	Further information Survey frequency once
han_cor31_ ording of question Jul 22 To which exten Bulgaria/ Roma Name han_cor31_ ording of question Jul 22 To which exten	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia risksupply_baltur nt do you expect the risk of prot ns/ Turkey (Scale 1 to 5)	corona july22: risk supply chain disruger and supply chains for suppliers from the blems to	west and east 07/2022 In the following countries and regions: Survey period tions: West and east 07/2022	Further information Survey frequency once
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han_cor31_ rding of question Jul 22 To which exten Bulgaria/ Roma Name han_cor31_ rding of question Jul 22 To which exten	nt do you expect the risk of prot ania/ Croatia (Don't know = 1) aria/ Romania/ Croatia risksupply_baltur nt do you expect the risk of prot ns/ Turkey (Scale 1 to 5)	corona july22: risk supply chain disruger and supply chains for suppliers from the blems to	west and east 07/2022 In the following countries and regions: Survey period tions: West and east 07/2022	Further information Survey frequency once

corona july22: risk supply chain disruptions: West and east 07/2022
Western Balkans/ Turkey dk.

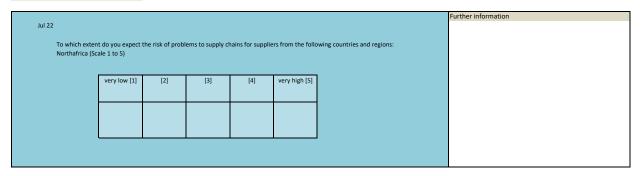
once

Wording of question

				Further information
Jul 22				
	To which extent do you expect the risk of problem Western Balkans/ Turkey (Don't know = 1)	ns to supply ch	ains for suppliers from the following countries and regions:	
	Do	on't know [1]		
	Western Balkans/ Turkey			

Name L	Label	Survey period	Survey frequency
han_cor31_risksupply_nafrica	corona july22: risk supply chain disruptions:	W	once

Wording of question

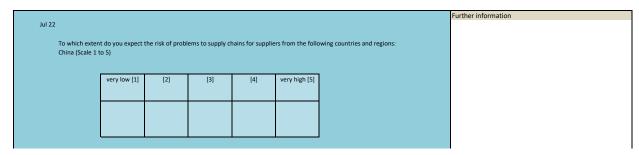


Name	Label	Survey period	Survey frequency
han_cor31_risksupply_nafricadk	corona july22: risk supply chain disruptions:	West and east 07/2022	once

Wording of question



Name	Label	Survey period	Survey frequency
han_cor31_risksupply_china		West and east 07/2022	once
	China		



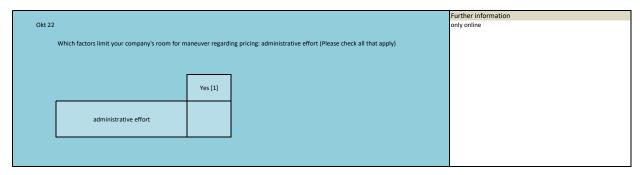
	Name	Label	Survey period	Survey frequency
	han_cor31_risksupply_chinadk	corona july22: risk supply chain disruption	ns: West and east 07/2022	once
Wording of o	question	China dk.		
				Further information
Jul 22	To which extent do you expect the risk of pr	oblems to supply chains for suppliers from th	e following countries and regions:	
	China (Don't know = 1)	oblems to supply chains to suppliers from the	ic to to the regions.	
		Don't know [1]		
	China			
	Name	Label	Survey period	Survey frequency
	han_cor31_risksupply_seasia	corona july22: risk supply chain disruption Southeast Asia	West and east 07/2022	once
Vording of	question			
1.10-				Further information
Jul 22	To which extent do you expect the risk of pr	oblems to supply chains for suppliers from th	e following countries and regions:	
	Southeast Asia (Scale 1 to 5)			
	very low [1] [2]	[3] [4] very hig	h [5]	
	Name	Label	Survey period	Survey frequency
				Survey frequency
	han_cor31_risksupply_seasiadk	corona july22: risk supply chain disruption Southeast Asia dk.	West and east 07/2022	once
Vording of o	question			
Jul 22				Further information
	To which extent do you expect the risk of pr Southeast Asia (Don't know = 1)	oblems to supply chains for suppliers from th	e following countries and regions:	
		Don't know [1]		
	Southeast Asia			
	Name	Label	Survey period	Survey frequency
	han_cor31_risksupply_uskamex	corona july22: risk supply chain disruption	ns: West and east 07/2022	once
	question	USA/ Kanada/ Mexico		
Vording of				Further information
Vording of o				
Vording of o	To which extent do you expect the rick of an	oblems to supply chains for suppliers from th	e following countries and regions:	

Name	Label	Survey period	Survey frequency
Name	Label	Survey period	Survey frequency
han_cor31_risksupply_usk	corona july22: risk supply chain disruption USA/ Kanada/ Mexico dk.	ns: West and east 07/2022	once
Wording of question			
Jul 22			Further information
	e risk of problems to supply chains for suppliers from th	ne following countries and regions:	
USA/ Kanada/ Mexiko (Don't know			
	Don't know [1]		
USA/ Kanada/ Mexiko	0		
Name	Label	Survey period	Survey frequency
han_advantage_future	giving up something beneficial to gain	West and east 08/2022	once
Wording of question	advantage in future		
wording of question			Further information
order to gain a greater advantage Scale from 0 to 10:	in the future? (Answer scale from 0 to 10)		
Name	Label	Survey period	Survey frequency
	Label duration participation ifo business survey		Survey frequency once
han_dur_ifosurvey			
han_dur_ifosurvey			once
han_dur_ifosurvey			
han_dur_ifosurvey Wording of question	duration participation ifo business survey		once
han_dur_ifosurvey Wording of question Aug 22	duration participation ifo business survey		once
han_dur_ifosurvey Wording of question Aug 22	duration participation ifo business survey		once
han_dur_ifosurvey Wording of question Aug 22	duration participation ifo business survey		once
han_dur_ifosurvey Wording of question Aug 22	duration participation ifo business survey		once
han_dur_ifosurvey Wording of question Aug 22 How long have you been participated by the second se	duration participation ifo business survey ating in the ifo Business Survey? Label	West and east 08/2022 Survey period	Once Further information Survey frequency
han_dur_ifosurvey Wording of question Aug 22 How long have you been participa	duration participation ifo business survey ating in the ifo Business Survey?	West and east 08/2022 Survey period	Once Further information
han_dur_ifosurvey Wording of question Aug 22 How long have you been particips Name han_highcost_cust	duration participation ifo business survey ating in the ifo Business Survey? Label higher costs for ener., raw mat. and inpu	West and east 08/2022 Survey period	Once Further information Survey frequency
han_dur_ifosurvey Wording of question Aug 22 How long have you been particips Name han_highcost_cust	duration participation ifo business survey ating in the ifo Business Survey? Label higher costs for ener., raw mat. and inpu	West and east 08/2022 Survey period	Once Further information Survey frequency
han_dur_ifosurvey Wording of question Aug 22 How long have you been participe Name han_highcost_cust Wording of question Okt 22 To what extent have you already;	duration participation ifo business survey ating in the ifo Business Survey? Label higher costs for ener., raw mat. and inpu	Survey period t mat: West and east 10/2022	once Further information Survey frequency once
han_dur_ifosurvey Wording of question Aug 22 How long have you been participa Name han_highcost_cust Wording of question	duration participation ifo business survey ating in the ifo Business Survey? Label higher costs for ener., raw mat. and inpu already passed to customers	Survey period t mat: West and east 10/2022	once Further information Survey frequency once
han_dur_ifosurvey Wording of question Aug 22 How long have you been participe Name han_highcost_cust Wording of question Okt 22 To what extent have you already;	duration participation ifo business survey ating in the ifo Business Survey? Label higher costs for ener., raw mat. and inpu already passed to customers	Survey period t mat: West and east 10/2022	once Further information Survey frequency once

	Name	Label	Survey period	Survey frequency
	han_highcostexp_cust_n6	higher exp. costs for ener., raw mat. and inpumat. passed to customers in next 6 mon.	west and east 10/2022	once
Wording of	question			
Okt 22				Further information
	To what extent do you plan to pass on higher previous price adjustments*) to your custome	purchase prices for energy, raw materials and i rs in the next 6 months?	nput materials (including	
	%			
	Name	Label	Survey period	Survey frequency
	han_limpric_comppres	factors limit company's room f. maneuver	West and east 10/2022	once
II. 6		regarding pricing: competitive pressure	, ,	
Wording of	question			Further information
	Which factors limit your company's room for Zutreffende an) competitive pressure	maneuver regarding pricing: competitive pressu	rre (Bitte kreuzen Sie alles	
-	Name	Label	Survey period	Survey frequency
	han_limpric_dem	factors limit company's room f. maneuver	West and east 10/2022	once
		regarding pricing: weak demand	West und cast 15, 2022	oec
Wording of	question			Further information
Okt 22		maneuver regarding pricing: weak demand / wi	llingness to pay (please tick all	only online
	Name	Label	Survey period	Survey frequency
	han_limpric_contrcom	factors limit company's room f. maneuver regarding pricing: long-term contract com.	West and east 10/2022	once
Wording of	question			
Wording of Okt 22				Further information only online

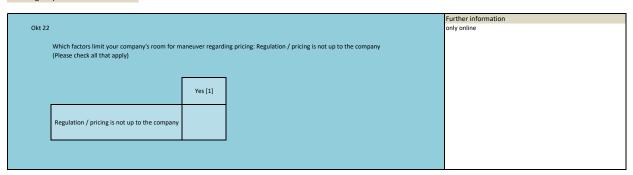


Name	Label	Survey period	Survey frequency
han_limpric_admin	factors limit company's room f. maneuver	West and east 10/2022	once
	regarding pricing: administrative effort		



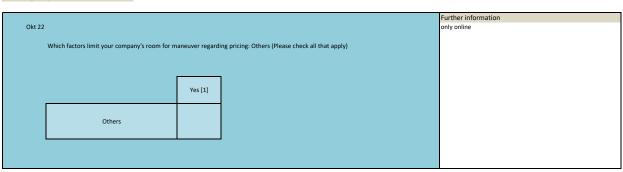
Name	Label	Survey period	Survey frequency
han_limpric_regul	factors limit company's room f. maneuver	West and east 10/2022	once

Wording of question



Name	Label	Survey period	Survey frequency
han_limpric_others	factors limit company's room f. maneuver	West and east 10/2022	once
	regarding pricing: others		

Wording of question



Name	Label	Survey period	Survey frequency
han_limp		West and east 10/2022	once
	regarding pricing: others text		
Manding of supption			

Wording of question

Further information

Okt 2	2			only online
	Which factors limit your company's room for r	maneuver regarding pricing: Others text		
				
	Name	Label	Survey period	Survey frequency

Name	Label	Survey period	Survey frequency
han_prob_next5_collgdp	probability occurance in next 5 years: collapse	West and east 10/2022	once
	gdp (min. 5%)	West and east 04/2023	once
		West and east 10/2023	once

	Further information
Okt 22	only online
What do you think: With what probability will the following events occur in the next 5 years: A drop in annual GDP in the order of at least 5%:	
%	

Name	Label	Survey period	Survey frequency
han prob poytE fineric	probability occurance in next 5 years: financial	West and east 10/2022	onco
		West and east 10/2022	once
	crisis	West and east 04/2023	once
		West and east 10/2023	once

Wording of question

Name	Label	Survey period	Survey frequency
han_prob_next5_pand	probability occurance in next 5 years:	West and east 10/2022	once
	pandemic	West and east 04/2023	once
		West and east 10/2023	once

Wording of question

Name	Label	Survey period	Survey frequency
han_prob_next5_esc	probability occurance in next 5 years:	West and east 10/2022	once

West and east 04/2023 once
West and east 10/2023 once

Wording of question

Name	Label	Survey period	Survey frequency	4
han expprice elec 23	expected price electricity in 2023	West and east 10/2022	once	

Wording of question

Okt 22

Between 2018 and 2019, the wholesale price for electricity (spot market price) in Germany averaged €40.72 per MWh. At the end of September, the price was €389 per MWh.

What do you estimate the electricity price will be in one year (September 2023):

______ € per MWh

Name	Label	Survey period	Survey frequency
han expprice elec 25	expected price electricity in 2025	West and east 10/2022	once

Wording of question

Okt 22

Between 2018 and 2019, the wholesale price for electricity (spot market price) in Germany averaged €40.72 per MWh. At the end of September, the price was €389 per MWh.

What do you estimate the electricity price will be in 2025:

______ € per MWh

Name	Label	Survey period	Survey frequency
han_empl_exp23	expected employees developm	ment 2023 West and east 12/2022	once

Wording of question

Expected number of employees in 2023:

increase [1] no change [2] decrease [3]

Λ	lama	Labol	Survey period	Curron fraguionas
IV	Name	Label	Survey period	Survey frequency

		increase		
Wording of	question			
Day 22				Further information
Dez 22	! 'Expected number of employees in 2023 inc			
	Expected number of employees in 2023 inc.	rease:		
	% increase			
	Name	Label	Survey period	Survey frequency
	Nume	Education	34.10, pensu	
	han_empl_exp23_dec	expected employees development 2023: decrease	West and east 12/2022	once
Wording of	question			
				Further information
Dez 22				
	'Expected number of employees in 2023 dec	crease:		
	% decrease			
	Name	Label	Survey period	Survey frequency
	Name han_emplhire_3months	Label employees company will hire in next 3 mon		Survey frequency quarterly (Mar, Jun, Sept
Wording of	han_emplhire_3months			
Wording of	han_emplhire_3months			quarterly (Mar, Jun, Sept
Wording of	han_emplhire_3months question			
	han_emplhire_3months question	employees company will hire in next 3 mon		quarterly (Mar, Jun, Sept Further information only online
	han_emplhire_3months question	employees company will hire in next 3 mon		quarterly (Mar, Jun, Sept
	han_emplhire_3months question	employees company will hire in next 3 mon		quarterly (Mar, Jun, Sept Further information only online
	han_emplhire_3months question	employees company will hire in next 3 mon		quarterly (Mar, Jun, Sept Further information only online
	han_emplhire_3months question	employees company will hire in next 3 mon		quarterly (Mar, Jun, Sept Further information only online
	han_emplhire_3months question How many people* do you estimate your co	employees company will hire in next 3 mon		quarterly (Mar, Jun, Sept Further information only online
	han_emplhire_3months question How many people* do you estimate your co	employees company will hire in next 3 mon		quarterly (Mar, Jun, Sept Further information only online
	han_emplhire_3months question How many people* do you estimate your co	employees company will hire in next 3 mon		quarterly (Mar, Jun, Sept Further information only online
	han_emplhire_3months question How many people* do you estimate your co Persons Name	employees company will hire in next 3 mon	East and West 03/2023 Survey period	quarterly (Mar, Jun, Sept Further information only online * including trainees and temporary staff (only display) Survey frequency
	han_emplhire_3months question How many people* do you estimate your co	employees company will hire in next 3 mon	East and West 03/2023	quarterly (Mar, Jun, Sept Further information only online * including trainees and temporary staff (only display) Survey frequency
	han_emplhire_3months question How many people* do you estimate your co Persons Name han_emplleave_3months	employees company will hire in next 3 mon ompany will hire in the next 3 months? Label employees company will leave in next 3	East and West 03/2023 Survey period	quarterly (Mar, Jun, Septing Parties of Survey frequency
Mrz 23	han_emplhire_3months question How many people* do you estimate your co Persons Name han_emplleave_3months question	employees company will hire in next 3 mon ompany will hire in the next 3 months? Label employees company will leave in next 3	East and West 03/2023 Survey period	quarterly (Mar, Jun, Septing Parties of Survey frequency
Mrz 23	han_emplhire_3months question How many people* do you estimate your co Persons Name han_emplleave_3months question	employees company will hire in next 3 mon ompany will hire in the next 3 months? Label employees company will leave in next 3 months	East and West 03/2023 Survey period	quarterly (Mar, Jun, Sept Further information only online * including trainees and temporary staff (only displa Survey frequency quarterly (Mar, Jun, Sept
Mrz 23	han_emplhire_3months question How many people* do you estimate your co	employees company will hire in next 3 mon ompany will hire in the next 3 months? Label employees company will leave in next 3 months	East and West 03/2023 Survey period	quarterly (Mar, Jun, Sept Further information only online * including trainees and temporary staff (only displa Survey frequency quarterly (Mar, Jun, Sept Further information
Mrz 23	han_emplhire_3months question How many people* do you estimate your co	employees company will hire in next 3 mon ompany will hire in the next 3 months? Label employees company will leave in next 3 months	East and West 03/2023 Survey period	quarterly (Mar, Jun, Sept Further information only online * including trainees and temporary staff (only display Survey frequency quarterly (Mar, Jun, Sept Further information
Mrz 23	han_emplhire_3months question How many people* do you estimate your co	employees company will hire in next 3 mon ompany will hire in the next 3 months? Label employees company will leave in next 3 months	East and West 03/2023 Survey period	quarterly (Mar, Jun, Sept Further information only online * including trainees and temporary staff (only display Survey frequency quarterly (Mar, Jun, Sept Further information
Mrz 23	han_emplhire_3months question How many people* do you estimate your co	employees company will hire in next 3 mon ompany will hire in the next 3 months? Label employees company will leave in next 3 months	East and West 03/2023 Survey period	quarterly (Mar, Jun, Sept Further information only online * including trainees and temporary staff (only display Survey frequency quarterly (Mar, Jun, Sept Further information

Name Name han_turn Wording of question Mrz 23 How high w	were your turnover* in 20xx? (bil	Label amount of turnover 20XX (penultimate year): million	Survey period	Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_bil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_t 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_mil=456, han_turnover_penuly_t 20XX stands for penultimate year
Name han_turn Wording of question Name han_turn Wording of question Wording of question	were your turnover* in 20XX? (bil	Label amount of turnover 20XX (penultimate year): million		Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_mil=456, han_
Name han_turn Wording of question Mrz 23 How high w Name han_turn Wording of question	mover_penuly_mil were your turnover* in 20XX? (m	Label amount of turnover 20XX (penultimate year): million		Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_mil=456, han_turnover_penuly_hil=456, han_turnover_penuly_mil=456, han_
Name han_turn Wording of question Mrz 23 How high w Name han_turn Wording of question	mover_penuly_mil were your turnover* in 20XX? (m	Label amount of turnover 20XX (penultimate year): million		Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_mil=456,
Name han_turn Wording of question Mrz 23 How high w Name han_turn Wording of question	mover_penuly_mil were your turnover* in 20XX? (m	Label amount of turnover 20XX (penultimate year): million		han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_mil=456, han_turnover_penuly_ 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ han_turnover_penuly_mil=45
Name han_turn Wording of question Mrz 23 How high w	rnover_penuly_mil were your turnover* in 20XX? (m	amount of turnover 20XX (penultimate year): million		Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_mil=456, han_tu
Name han_turn Wording of question Mrz 23 How high w	rnover_penuly_mil were your turnover* in 20XX? (m	amount of turnover 20XX (penultimate year): million		Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_bil=3, han_turnover_penuly_bil=3, han_turnover_penuly_bil=3, han_turnover_penuly_bil=3, han_turnover_penuly_mil=456, han_turnover_penuly_bil=3,
Name han_turn Wording of question Mrz 23 How high w	rnover_penuly_mil were your turnover* in 20XX? (m	amount of turnover 20XX (penultimate year): million		Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_bil=3, han_turnover_penuly_bil=3, han_turnover_penuly_bil=3, han_turnover_penuly_bil=3, han_turnover_penuly_mil=456, han_turnover_penuly_bil=3,
Name han_turn Wording of question Mrz 23 How high w	rnover_penuly_mil were your turnover* in 20XX? (m	amount of turnover 20XX (penultimate year): million		have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_mil=456, han_turnover_penuly_ han_turnover_penuly_mil=456, han_turnover_penuly_ han_turnover_penuly_mil=456, han_turnover_penuly_ han_turnover_penuly_mil=456, ha
Name han_turn Wording of question Mrz 23 How high w	rnover_penuly_mil were your turnover* in 20XX? (m	amount of turnover 20XX (penultimate year): million		han_turnover_penuly_mil=456, han_turnover_penuly_ 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_ han_turnover_penuly_mil=456, han_turnover_penuly_ han_turnover_penuly_mil=456, han_turnover_penuly_mil
Name han_turn Wording of question Mrz 23 How high w	rnover_penuly_mil were your turnover* in 20XX? (m	amount of turnover 20XX (penultimate year): million		Example: Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question Mrz 23 How high w	were your turnover* in 20XX?(m	amount of turnover 20XX (penultimate year): million		Question asked in 2023, then 20XX = 2021 * without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question Name han_turn	were your turnover* in 20XX?(m	amount of turnover 20XX (penultimate year): million		* without VAT (only displayed online) Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question Name han_turn	were your turnover* in 20XX?(m	amount of turnover 20XX (penultimate year): million		Survey frequency annual (Mar) Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question Mrz 23 How high w	were your turnover* in 20XX?(m	amount of turnover 20XX (penultimate year): million		Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question Mrz 23 How high w	were your turnover* in 20XX?(m	amount of turnover 20XX (penultimate year): million		Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question	were your turnover* in 20XX?(m	million	East and West 03/2023	Further information Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question	were your turnover* in 20XX?(m	iillion)		Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question		iillion)		Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question		illion)		Questions belong together: han_turnover_penuly_bil han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
Name han_turn Wording of question		illion)		han_turnover_penuly_mil han_turnover_penuly_thous Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
han_turn Wording of question	Million			Questions stand for billion, million and thousand Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover
han_turn Wording of question	Million			Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566,
han_turn Wording of question	Million			Example: A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, han_turnover_penuly_mil=4566, h
han_turn Wording of question	Million			have han_turnover_penuly_bil=1, han_turnover_penuly_mil=456, han_turnover_penuly_
han_turn Wording of question	Million			
han_turn Wording of question				20XX stands for penultimate year
han_turn Wording of question				Example:
han_turn Wording of question				Question asked in 2023, then 20XX = 2021
han_turn Wording of question				* without VAT (only displayed online)
han_turn Wording of question				
Wording of question		Label	Survey period	Survey frequency
Wording of question				
	rnover_penuly_thous	amount of turnover 20XX (penultimate year): thousand	East and West 03/2023	annual (Mar)
Mrz 23	1			
Mrz 23				Further information
				Questions belong together:
How high w	were your turnover* in 20XX? (the	ousand)		han_turnover_penuly_bil han_turnover_penuly_mil
				han_turnover_penuly_thous
				Questions stand for billion, million and thousand
				Example:
				A company with turnover in 2021 of 1,456 billion euros have han_turnover_penuly_bil=1,
	Thousand			han_turnover_penuly_mil=456, han_turnover_penuly_
				20XX stands for penultimate year
				20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021
				Example:
Name				Example: Question asked in 2023, then 20XX = 2021

annual (Mar)

han_turnover_lasty_bil

Further information Mrz 23 Questions belong together: han_turnover_lasty_bil How high were your turnover* in 20YY? (billion) han_turnover_lasty_mil han_turnover_lasty_thous Questions stand for billion, million and thousand Example: A company with turnover in 2022 of 1,456 billion euros would have han_turnover_lasty_bil=1, han_turnover_lasty_mil=456, han_turnover_lasty_thous=0 Billion 20YY stands for last year Question asked in 2023, then 20YY = 2022 without VAT (only displayed online)

Name Label Survey period Survey frequency

han_turnover_lasty_mil amount of turnover 20YY (last year): million East and West 03/2023 annual (Mar)

Wording of question

Mrz 23

How high were your turnover* in 20YY? (million)

How high were your turnover* in 20YY? (million)

Duestions belong together:
han_turnover_lasty_bil
han_turnover_lasty_mil
han_turnover_lasty_thous

Questions stand for billion, million and thousand
Example:
A company with turnover in 2022 of 1,456 billion euros would
have han_turnover_lasty_bil=1, han_turnover_lasty_mil=456,
han_turnover_lasty_bil=1, han_turnover_lasty_mil=456,
han_turnover_lasty_thous=0

20YY stands for last year
Example:
Question asked in 2023, then 20YY = 2022

* without VAT (only displayed online)

Name Label Survey period Survey frequency

han_turnover_lasty_thous amount of turnover 20YY (last year): thousand East and West 03/2023 annual (Mar)

Wording of question

Further information Mrz 23 Questions belong together: han_turnover_lasty_bil han_turnover_lasty_mil han_turnover_lasty_thous How high were your turnover* in 20YY? (thousand) Questions stand for billion, million and thousand Example: A company with turnover in 2022 of 1,456 billion euros would have han_turnover_lasty_bil=1, han_turnover_lasty_mil=456, han_turnover_lasty_thous=0 Thousand 20YY stands for last year Example: Question asked in 2023, then 20YY = 2022 without VAT (only displayed online)

Name Label Survey period Survey frequency

han_inv_penuly_bil amount of investments 20XX (penultimate year); billion

wear); billion

Wording of question

Further information
Questions belong together:
han_inv_penuly_bil
han_inv_penuly_mil
han_inv_penuly_thous

Questions stand for billion, million and thousand

Billion	Example: A company with investments in 2021 of 1.456 billion euros would have han_inv_penuly_bil=1, han_inv_penuly_mil=456, han_inv_penuly_thous=0 20XX stands for penultimate year Example: Question asked in 2023, then 20XX = 2021
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Name	Label	Survey period	Survey frequency
han_inv_penuly_mil		East and West 03/2023	annual (Mar)
	year): million		

	Further information
Mrz 23	Questions belong together:
	han_inv_penuly_bil
How high were your investments 20XX? (million)	han_inv_penuly_mil
	han_inv_penuly_thous
	Questions stand for billion, million and thousand
	Example:
	A company with investments in 2021 of 1.456 billion euros
	would have han_inv_penuly_bil=1, han_inv_penuly_mil=456,
	han_inv_penuly_thous=0
million	
	20XX stands for penultimate year
	Example:
	Question asked in 2023, then 20XX = 2021

Name	Label	Survey period	Survey frequency
han_inv_penuly_thous	amount of investments 20XX (penultimate	East and West 03/2023	annual (Mar)
	year): thousand		

Wording of question

	Further information
Mrz 23	Questions belong together:
	han_inv_penuly_bil
How high were your investments 20XX? (thousand)	han_inv_penuly_mil
	han_inv_penuly_thous
	Questions stand for billion, million and thousand
	Example:
	A company with investments in 2021 of 1.456 billion euros
	would have han_inv_penuly_bil=1, han_inv_penuly_mil=456,
Thomas d	han_inv_penuly_thous=0
Thousand	20XX stands for penultimate year
	Example:
	Question asked in 2023, then 20XX = 2021

Name	Label	Survey period	Survey frequency
han_inv_lasty_bil	amount of investments 20YY (last year): billion	East and West 03/2023	annual (Mar)

	Further information
Mrz 23	Questions belong together:
	han_inv_lasty_bil
How high were your investments 20YY? (billion)	han_inv_lasty_mil
	han_inv_lasty_thous
	Questions stand for billion, million and thousand
	Example:
	A company with investments in 2022 of 1.456 billion euros
	would have han_inv_lasty_bil=1, han_inv_lasty_mil=456,
	han_inv_lasty_thous=0
Billion	
	20YY stands for last year
	Example:
	Question asked in 2023, then 20YY = 2022

	Name	Label	Survey period	Survey frequency
	han_inv_lasty_mil	amount of investments 20YY (last year):	East and West 03/2023	annual (Mar)
Wording of	fquestion			
Mrz 2	23 How high were your investments 20YY? (m	iilion)		Further information Questions belong together: han_inv_lasty_bil han_inv_lasty_mil han_inv_lasty_thous
	Million			Questions stand for billion, million and thousand Example: A company with investments in 2022 of 1.456 billion eu would have han_inv_lasty_bil=1, han_inv_lasty_mil=45 han_inv_lasty_thous=0 20YY stands for last year Example: Question asked in 2023, then 20YY = 2022
	Name	Label	Survey period	Survey frequency
	han_inv_lasty_thous	amount of investments 20YY (last year):	East and West 03/2023	annual (Mar)
Wording of	of auestion	thousand		
Mrz 2	23 How high were your investments 20YY? (th	ousand)		Further information Questions belong together: han_inv_lasty_bil han_inv_lasty_mil han_inv_lasty_thous Questions stand for billion, million and thousand
	Thousand			Example: A company with investments in 2022 of 1.456 billion eu would have han_inv_lasty_bil=1, han_inv_lasty_mil=45i han_inv_lasty_thous=0 20YY stands for last year Example: Question asked in 2023, then 20YY = 2022
	Name	Label	Survey period	Survey frequency
	han_perc_partthome_befcov	percentage employees part time in	East and West 04/2023	once
		homeoffice before covid in 2019		
Wording of	f question			
				Further information
Wording of	23	ed at least part-time in home office before the C	Corona pandemic (in 2019)?	Further information
	23	ed at least part-time in home office before the C	iorona pandemic (in 2019)?	Further information
	23 What percentage of your employees worke	ed at least part-time in home office before the C	orona pandemic (in 2019)?	Further information

percentage onsite workstations underutilized due to homeoffice currently

once

han_perc_underutwork_now

Apr 23				
		s are currently underutilized on an average work	kday due to home office?	Further information
	%			
	Name	Label	Survey period	Survey frequency
	han_perc_underutwork_befcov	percent. onsite workst. Underutiliz. due to homeoff. before covid in 2019	East and West 04/2023	once
Wording of	question			
Apr 23		t percentage of your on-site workstations were u	inderutilized on an average	
	%			
	Name	Label	Survey period	Survey frequency
	han_sect_survey_manage	sector of company which completes ifo	East and West 05/2023	once
Manding of		survey: management		
Wording of	question			
				Further Information
Mai 23		rvey for the ifo Business Survey is usually comple	eted: Management / Operations	Eurther Information
Mai 23		rvey for the ifo Business Survey is usually comple Yes [1]	eted: Management / Operations	Further Information
Mai 23			eted: Management / Operations	Further Information
Mai 23	Sector of company / business in which the su		eted: Management / Operations	Eurther Information
Mai 23	Sector of company / business in which the su	Yes [1]		
Mai 23	Sector of company / business in which the su Management / Operations Name	Yes [1] Label	Survey period	Eurther Information Survey frequency
Mai 23	Sector of company / business in which the su	Yes [1]		
Mai 23	Sector of company / business in which the su Management / Operations Name han_sect_survey_finance	Yes [1] Label sector of company which completes ifo	Survey period	Survey frequency
	Name han_sect_survey_finance f question	Yes [1] Label sector of company which completes ifo	Survey period East and West 05/2023	Survey frequency
Wording of	Sector of company / business in which the su Management / Operations Name han_sect_survey_finance question Sector of company / business in which the su	Yes [1] Label sector of company which completes ifo survey: finance	Survey period East and West 05/2023	Survey frequency once

	rmance / controlling / Accounting			
l				
	Name	Label	Survey period	Survey frequency
	han_sect_survey_sales	sector of company which completes ifo	East and West 05/2023	once
Wording of o	question	survey: sales		
Torumg or c	question			Further Information
Mai 23				
	Sector of company / business in which the	survey for the ifo Business Survey is usually com	pleted: Sales / Marketing	
		V (4)		
ľ		Yes [1]		
	Sales / Marketing			
L				
	Name	Label	Survey period	Survey frequency
	han_sect_survey_others	sector of company which completes ifo	East and West 05/2023	once
		survey: others		
Vording of o	question			
Mai 23				Further Information
	Sector of company / business in which the	survey for the ifo Business Survey is usually com	pleted: Others	
		Yes [1]		
	Others			
L				
	Name	Label	Survey period	Survey frequency
	Name han_sect_survey_otherstext	Label sector of company which completes ifo survey: others text	Survey period East and West 05/2023	Survey frequency once
	han_sect_survey_otherstext	sector of company which completes ifo		once
	han_sect_survey_otherstext question	sector of company which completes ifo		
Vording of c	han_sect_survey_otherstext question	sector of company which completes ifo	East and West 05/2023	once
Vording of c	han_sect_survey_otherstext question	sector of company which completes ifo survey: others text	East and West 05/2023	once
Vording of c	han_sect_survey_otherstext question	sector of company which completes ifo survey: others text	East and West 05/2023	once
Vording of c	han_sect_survey_otherstext question	sector of company which completes ifo survey: others text	East and West 05/2023	once
Vording of o	han_sect_survey_otherstext question	sector of company which completes ifo survey: others text	East and West 05/2023	once
Wording of o	han_sect_survey_otherstext question Sector of company / business in which the :	sector of company which completes ifo survey: others text survey for the ifo Business Survey is usually com	East and West 05/2023 upleted: Others text Survey period	Once Further Information Survey frequency
Vording of o	han_sect_survey_otherstext question Sector of company / business in which the	sector of company which completes ifo survey: others text survey for the ifo Business Survey is usually com	East and West 05/2023 upleted: Others text Survey period	Once Further Information
Vording of o	han_sect_survey_otherstext question Sector of company / business in which the : Name han_pos_survey_holder	sector of company which completes ifo survey: others text survey for the ifo Business Survey is usually com Label company position of person completing the	East and West 05/2023 upleted: Others text Survey period	Survey frequency once
Vording of o	han_sect_survey_otherstext question Sector of company / business in which the: Name han_pos_survey_holder question	sector of company which completes ifo survey: others text survey for the ifo Business Survey is usually com Label company position of person completing the	East and West 05/2023 upleted: Others text Survey period	Once Further Information Survey frequency
Vording of o	han_sect_survey_otherstext question Sector of company / business in which the sector of company / business in which we will be sector of company / business in which we will be sector of company / business in which we will be sector of comp	sector of company which completes ifo survey: others text survey for the ifo Business Survey is usually com Label company position of person completing the	East and West 05/2023 pleted: Others text Survey period East and West 05/2023	Further Information Survey frequency once
Vording of o	han_sect_survey_otherstext question Sector of company / business in which the sector of company / business in which we will be sector of company / business in which we will be sector of company / business in which we will be sector of comp	sector of company which completes ifo survey: others text survey for the ifo Business Survey is usually com Label company position of person completing the survey: holder	East and West 05/2023 pleted: Others text Survey period East and West 05/2023	Further Information Survey frequency once

	Holder			
		<u> </u>		
	Name	Label	Survey period	Survey frequency
	han_pos_survey_manage	company position of person completing the survey: management	East and West 05/2023	once
Wording of	question	survey. management		
				Further Information
Mai 23				
	Position in the company of the person who use signatory / board member	iany compietes the no business survey, ivianag	ing director / authorized	
		Yes [1]		
	Advantage discount of such asiand simple of			
	Managing director / authorized signatory / board member			
	Name	Label	Survey period	Survey frequency
	han_pos_survey_departe	company position of person completing the survey: department head	East and West 05/2023	once
Wording of	question			
				Further Information
Mai 23	Position in the company of the person who us	ually completes the ifo business survey: Depart	ment head	
		Yes [1]		
	Department head			
	Department nead			
	Name	Lahel	Survey nerind	Survey frequency
	Name	Label	Survey period	Survey frequency
	Name han_pos_survey_tlead	Label company position of person completing the survey: team leader	Survey period East and West 05/2023	Survey frequency once
Wording of	han_pos_survey_tlead	company position of person completing the		
Wording of Mai 23	han_pos_survey_tlead question	company position of person completing the		
	han_pos_survey_tlead question	company position of person completing the survey: team leader	East and West 05/2023	once
	han_pos_survey_tlead question	company position of person completing the survey: team leader	East and West 05/2023	once
	han_pos_survey_tlead question	company position of person completing the survey: team leader	East and West 05/2023	once
	han_pos_survey_tlead question	company position of person completing the survey: team leader	East and West 05/2023	once
	han_pos_survey_tlead question Position in the company of the person who use	company position of person completing the survey: team leader	East and West 05/2023	once
	han_pos_survey_tlead question Position in the company of the person who use	company position of person completing the survey: team leader	East and West 05/2023	once
	han_pos_survey_tlead question Position in the company of the person who use	company position of person completing the survey: team leader	East and West 05/2023	once
	han_pos_survey_tlead question Position in the company of the person who use Team leader	company position of person completing the survey: team leader sally completes the ifo business survey: Team I	East and West 05/2023 eader Survey period	once Further Information
Mai 23	han_pos_survey_tlead question Position in the company of the person who use Team leader Name han_pos_survey_admin	company position of person completing the survey: team leader sally completes the ifo business survey: Team I Yes [1] Label	East and West 05/2023	once Further Information Survey frequency
	han_pos_survey_tlead question Position in the company of the person who use Team leader Name han_pos_survey_admin	company position of person completing the survey: team leader sally completes the ifo business survey: Team I Yes [1] Label company position of person completing the	East and West 05/2023 eader Survey period	once Further Information Survey frequency

	Yes [1]	
Administrator		

	Nama	Labal		Currou paris d		Cumran fragman
	Name	Label		Survey period		Survey frequency
	han_pos_survey_others	company posit	cion of person completing the	East and West 05/2023		once
		survey. Others				
Wording of	f question					
Mai 2	3				Furt	her Information
	Position in the company of the	person who usually completes	the ifo business survey: Others			
		Yes [1]]			
			_			
	Others					
	Name	Label		Survey period		Survey frequency
	han_pos_survey_otherst	company posit	ion of person completing the	East and West 05/2023		once
144 d*	· · · · · · · · · · · · · · · · · · ·	survey, others	ICAL			
Wording of	f question					
Mai 2	3				Furt	her Information
Mai 2	3 Position in the company of the page 2.5.	person who usually completes	the ifo business survey: Others	text	Furt	her Information
Mai 2		person who usually completes	the ifo business survey: Others	text	Furt	her Information
Mai 2		person who usually completes :	the ifo business survey: Others	text	Furt	her Information
Mai 2		person who usually completes t	the ifo business survey: Others	text	Furt	her Information
Mai 2		person who usually completes :	the ifo business survey: Others	text	Furt	her Information
Mai 2		person who usually completes i	the ifo business survey: Others	text Survey period	Furt	her Information Survey frequency
Mai 2	Position in the company of the particle of the	Label		Survey period	Furt	Survey frequency
Mai 2	Position in the company of the p	Label			Furt	
_	Position in the company of the part of the	Label point of view o		Survey period	Furt	Survey frequency
Wording o	Name han_view_techn_ai f question	Label point of view o		Survey period		Survey frequency
_	Name han_view_techn_ai f question	Label point of view of intelligence	on digital technologies: artificia	Survey period		Survey frequency once
Wording of	Name han_view_techn_ai f question	Label point of view of intelligence	on digital technologies: artificia	Survey period		Survey frequency once
Wording of	Name han_view_techn_ai f question	Label point of view of intelligence	on digital technologies: artificia	Survey period		Survey frequency once
Wording of	Name han_view_techn_ai f question	Label point of view of intelligence	on digital technologies: artificia	Survey period		Survey frequency once
Wording of	Name han_view_techn_ai f question What is your company's position	Label point of view of intelligence intelligence n on the following digital techn	on digital technologies: artificia ologies: Artificial intelligence	Survey period West and East 06/2023		Survey frequency once
Wording of	Name han_view_techn_ai f question What is your company's position	Label point of view of intelligence intelligence n on the following digital techn	on digital technologies: artificia ologies: Artificial intelligence	Survey period West and East 06/2023		Survey frequency once
Wording o	Name han_view_techn_ai f question What is your company's position	Label point of view of intelligence intelligence n on the following digital techn	on digital technologies: artificia ologies: Artificial intelligence	Survey period West and East 06/2023		Survey frequency once
Wording o	Name han_view_techn_ai f question What is your company's position	Label point of view of intelligence intelligence n on the following digital techn	on digital technologies: artificia ologies: Artificial intelligence	Survey period West and East 06/2023		Survey frequency once
Wording o	Name han_view_techn_ai f question What is your company's position	Label point of view of intelligence intelligence n on the following digital techn	on digital technologies: artificia ologies: Artificial intelligence	Survey period West and East 06/2023		Survey frequency once
Wording o	Name han_view_techn_ai f question What is your company's position in use [1]	Label point of view of intelligence n on the following digital technology planned [2] Label	on digital technologies: artificia ologies: Artificial intelligence	Survey period West and East 06/2023 no topic [4]		Survey frequency once her information

What is your company's position on the following digital technologies: Blockchain

Further information

	in use [1]	planned [2]	discussed [3]	no topic [4]		
	Name	Label		Survey period		Survey frequency
	han_view_techn_cloudc	omp point of view o	n digital technologies: cloud	West and East 06/2023		once
		computing		west and Last 00/2023		Office
Wording of	f question					
Jun 23	3				Fi	urther information
	What is your company's positio	n on the following digital techno	ologies: Cloud Computing			
	in use [1]	planned [2]	discussed [3]	no topic [4]		
_	Name	Label	_	Survey period	_	Survey frequency
	han_equityratio_22	amount of equi	ity ratio at end of 2022	West and East 06/2023		once
Wording of	f question					
	•				Fu	urther information
Jun 25	What was your company's equi	ty ratio at the end of 2022?				
	, , , , , , , , , , , , , , , , , , ,					
	%					
	^°					
	~^					
	^					
	Name	Label		Survey period		Survey frequency
			ies in the company	Survey period West and East 06/2023		Survey frequency once
Wording of	Name han_vacancies_comp		es in the company			
	Name han_vacancies_comp f question		es in the company			once urther information
Wording of	Name han_vacancies_comp f question	current vacanci				once
	Name han_vacancies_comp f question	current vacanci				once urther information
	Name han_vacancies_comp f question	current vacanci				once urther information
	Name han_vacancies_comp f question	current vacanci				once urther information
	Name han_vacancies_comp f question How many vacancies are in you	current vacanci				once urther information
	Name han_vacancies_comp f question	current vacanci				once urther information
	Name han_vacancies_comp f question How many vacancies are in you	current vacanci				once urther information

	Name	Label	Survey period	Survey frequency
	han_emplhire_last3m	employees company hired in last 3 month	East and West 07/2023	quarterly (Jan, Apr, Jul, Oct)
			2000 0110	1
Wording of	question			Further information
Jul 23				only online
	How many employees hired your com	npany in the past 3 months? (Estimation)		
	Persons			
	Name	Label	Survey period	Survey frequency
	han_emplleave_last3m	employees company left in last 3 months	East and West 07/2023	quarterly (Jan, Apr, Jul, Oct)
Wording of	question			
Jul 23	•			Further information only online
	How many employees left your compa	pany in the past 3 months? (Estimation)		
	Persons			
	Name	Label	Survey period	Survey frequency
	han_perc_worktime_ho	percentage of working time currently spen home office	nt in East and West 08/2023	once
Wording of	question			
Aug 23				Further information
	In relation to all employees, what per	rcentage of working time is currently spent in home of	office?	
	%			
	Name	Label	Survey period	Survey frequency
	han_cha_offispace_ho	change office space due to home office	East and West 08/2023	once
Wording of	question			
Aug 25				Further information
Aug 23				
	Plan to change your office space due t	to home office?		
		to home office?		
	Plan to change your office space due t	to home office? no, unchanged [2] yes, decrease [3]		

	Name	Label	Survey period	Survey frequency
	han_horeg_compagree	home office regulation: yes, company	East and West 08/2023	once
		agreement	East and West 66/2025	onec
Wording o	f question			
Aug 2	23			Further information
	Does your company have a regulation on agreement	home office (multiple answers possible, each ent	ered as 1): Yes, company	
		Yes [1]		
	company agreement			
	Name	Label	Survey period	Survey frequency
	han_horeg_teamlvl	home office regulation: yes, regulation at team level	East and West 08/2023	once
Wording o	f question			
Aug 2	13			Further information
		home office (multiple answers possible, each ent	ered as 1). Yes regulation at team	
	level		area do 1/1 respregadados de tecam	
			a co os 25. respectivos de com	
		Yes [1]	and the second second	
	level			
	level			
	level		Survey period	Survey frequency
	Regulation at team level	Yes [1]	Survey period	Survey frequency once
Wording o	Regulation at team level Name	Yes [1]	Survey period	
Wording o	Regulation at team level Name han_horeg_other f question	Yes [1]	Survey period	
	Regulation at team level Name han_horeg_other of question	Yes [1]	Survey period East and West 08/2023	once
	Regulation at team level Name han_horeg_other of question	Yes [1] Label home office regulation: yes, other regulation	Survey period East and West 08/2023	once
	Regulation at team level Name han_horeg_other of question	Yes [1] Label home office regulation: yes, other regulation of the company of t	Survey period East and West 08/2023	once
	Regulation at team level Name han_horeg_other of question	Yes [1] Label home office regulation: yes, other regulation	Survey period East and West 08/2023	once
	Regulation at team level Name han_horeg_other of question	Yes [1] Label home office regulation: yes, other regulation of the company of t	Survey period East and West 08/2023	once
	Regulation at team level Name han_horeg_other of question 23 Does your company have a regulation on	Yes [1] Label home office regulation: yes, other regulation of the company of t	Survey period East and West 08/2023	once
	Regulation at team level Name han_horeg_other of question 23 Does your company have a regulation on	Yes [1] Label home office regulation: yes, other regulation of the company of t	Survey period East and West 08/2023	once
	Name han_horeg_other of question Does your company have a regulation on other regulation	Yes [1] Label home office regulation: yes, other regulation home office (multiple answers possible, each ent	Survey period East and West 08/2023 Pered as 1): Yes, other regulation	once Further information
Aug 2	Regulation at team level Name han_horeg_other of question Does your company have a regulation on other regulation Name han_horeg_no	Yes [1] Label home office regulation: yes, other regulation home office (multiple answers possible, each ent	Survey period East and West 08/2023 ered as 1): Yes, other regulation Survey period	once Further information Survey frequency
Aug 2	Regulation at team level Name han_horeg_other of question Does your company have a regulation on other regulation Name han_horeg_no of question	Yes [1] Label home office regulation: yes, other regulation home office (multiple answers possible, each ent	Survey period East and West 08/2023 ered as 1): Yes, other regulation Survey period	once Further information Survey frequency
Aug 2	Regulation at team level Name han_horeg_other f question Does your company have a regulation on other regulation Name han_horeg_no of question	Yes [1] Label home office regulation: yes, other regulation home office (multiple answers possible, each ent	Survey period East and West 08/2023 Pered as 1): Yes, other regulation Survey period East and West 08/2023	Survey frequency once

	no, no regulation [1]				
	Name	Label		Survey period	Survey frequency
l	han_cha_horeg_fut	change home	e office regulations in the future	East and West 08/2023	once
Wording of o	question				
Aug 23					Further information
	Plan to change home office regu	ulations in the future?			
	yes, more flexible [1]	no, unchanged [2]	yes, more restrictive [3]	1	
1					
	Name	Label		Survey period	Survey frequency
	Name han_prod_ho_os	change prod.	. home off. work. when work.	Survey period East and West 08/2023	Survey frequency once
	han_prod_ho_os				
Wording of c	han_prod_ho_os	change prod.			
Wording of c	han_prod_ho_os	change prod. entir. on site			once
Wording of c	han_prod_ho_os question	change prod. entir. on site			once
Wording of c	han_prod_ho_os question	change prod. entir. on site		East and West 08/2023	once
Wording of c	han_prod_ho_os question Would the productivity of home	change prod. entir. on site	n they worked entirely on-site?	East and West 08/2023	once
Wording of c	han_prod_ho_os question Would the productivity of home	change prod. entir. on site	n they worked entirely on-site?	East and West 08/2023	once
Wording of c	han_prod_ho_os question Would the productivity of home	change prod. entir. on site	n they worked entirely on-site?	East and West 08/2023	once
Wording of a	han_prod_ho_os question Would the productivity of home	change prod. entir. on site	n they worked entirely on-site?	East and West 08/2023	once
Wording of c	han_prod_ho_os question Would the productivity of home yes, more productive [1]	change prod. entir. on site e office workers change when yes, less productive [2] Label	no, no change of productivit [3]	East and West 08/2023	once Further information
Wording of c	han_prod_ho_os question Would the productivity of home yes, more productive [1] Name han_prod_osmore	change prod. entir. on site e office workers change when yes, less productive [2] Label change prod.	no, no change of productivit [3]	East and West 08/2023 y Survey period	Further information Survey frequency
Wording of a	han_prod_ho_os question Would the productivity of home yes, more productive [1] Name han_prod_osmore	change prod. entir. on site e office workers change when yes, less productive [2] Label change prod.	no, no change of productivit [3]	East and West 08/2023 y Survey period	Further information Survey frequency
Wording of o	han_prod_ho_os question Would the productivity of home yes, more productive [1] Name han_prod_osmore question	change prod. entir. on site e office workers change when yes, less productive [2] Label change prod. much more p	no, no change of productivit [3]	East and West 08/2023 Y Survey period East and West 08/2023	Once Further information Survey frequency Once
Wording of o	han_prod_ho_os question Would the productivity of home yes, more productive [1] Name han_prod_osmore question	change prod. entir. on site e office workers change when yes, less productive [2] Label change prod. much more p	no, no change of productivit [3] ho. work, when on site: how productive	East and West 08/2023 Survey period East and West 08/2023 hey worked entirely on-site?	Further information Survey frequency once Further information online This question only if checked more productive at questions.

	Name	Label	Survey period	Survey frequency
	han_prod_oshi_dis	change prod. ho. work. when on site: reas.	East and West 08/2023	once
		high. prod.: less distraction		
Wording	of question			

Further information

Wording of question

Further information Aug 23 online Why do you think productivity is higher when employees work entirely on site (multiple answers possible, each entered as 1; This question only if checked more productive at question han_prod_ho_os. please select a maximum of 3 reasons): more efficient coordination han prod oshi dis han_prod_oshi_com han_prod_oshi_wtime Yes [1] han prod oshi iden nan_prod_oshi_man more efficient coordination and han prod oshi know han_prod_oshi_others han_prod_oshi_otherstext

Name Label Survey period Survey frequency

han_prod_oshi_wtime change prod. ho. work. when on site: reas. high. prod.: long. work. Time figh. prod.: long. work. Time

Wording of question

Aug 23

Why do you think productivity is higher when employees work entirely on site (multiple answers possible, each entered as 1; please select a maximum of 3 reasons): longer working time

Yes [1]

longer working time

Further information online

This question only if checked more productive at question han_prod_ho_os.

Variables belong together: han_prod_oshi_dis han_prod_oshi_com han_prod_oshi_witime han_prod_oshi_witime han_prod_oshi_witime han_prod_oshi_witime han_prod_oshi_witime han_prod_oshi_know han_prod_oshi_know han_prod_oshi_know han_prod_oshi_cothers han_prod_oshi_others

han_prod_oshi_cothers

han_prod_oshi_otherstext

Name Label Survey period Survey frequency

han_prod_oshi_iden change prod. ho. work. when on site: reas. high. prod.: high ident.

East and West 08/2023 once

Wording of question

Further information Aug 23 Why do you think productivity is higher when employees work entirely on site (multiple answers possible, each entered as 1; This question only if checked more productive at question please select a maximum of 3 reasons); higher identification with corporate culture han prod ho os. /ariables belong together: han prod oshi dis nan_prod_oshi_com Yes [1] han prod oshi wtime han_prod_oshi_iden han_prod_oshi_man han prod oshi know Higher identification with corporate culture nan_prod_oshi_others nan_prod_oshi_otherstext

Name Label Survey period Survey frequency

han_prod_oshi_man change prod. ho. work. when on site: reas. East and West 08/2023 once

Further information Aug 23 Why do you think productivity is higher when employees work entirely on site (multiple answers possible, each entered as 1; This question only if checked more productive at question please select a maximum of 3 reasons): easier management of teams han prod ho os. Variables belong together: han_prod_oshi_dis han_prod_oshi_com Yes [1] han prod oshi wtime han_prod_oshi_iden han_prod_oshi_man han prod oshi know Easier management of teams han_prod_oshi_others han_prod_oshi_otherstext

Name	Label	Survey period	Survey frequency
han_prod_oshi_know	change prod. ho. work. when on site: reas.	East and West 08/2023	once

Wording of question

Aug 23

Why do you think productivity is higher when employees work entirely on site (multiple answers possible, each entered as 1; please select a maximum of 3 reasons): more knowledge exchange

Yes [1]

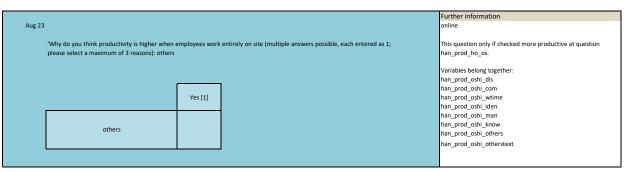
Why do you think productivity is higher when employees work entirely on site (multiple answers possible, each entered as 1; This question only if checked more productive at question han_prod_ho_os.

Variables belong together: han_prod_oshi_dis han_prod_oshi_com han_prod_oshi_com han_prod_oshi_witime han_prod_oshi_witime han_prod_oshi_iden han_prod_oshi_iden han_prod_oshi_know han_prod_oshi_know han_prod_oshi_conters han_prod_oshi_others

han_prod_oshi_otherstext

Name	Label	Survey period	Survey frequency
han_prod_oshi_others	change prod. ho. work. when on site: reas. high. prod.: others	East and West 08/2023	once

Wording of question



Name	Label	Survey period	Survey frequency
han prod oshi otherstext	change prod. ho. work. when on site: reas.	East and West 08/2023	once
	high prod : others text		

	Further information
Aug 23	online
Why do you think productivity is higher when employees work entirely on site (please select a maximum of 3 reasons): others	This question only if checked more productive at question
text (text field 10000 characters)	han_prod_ho_os.
	Madakia halan kanakan
	Variables belong together:
	han_prod_oshi_dis
	han_prod_oshi_com
	han_prod_oshi_wtime
	han_prod_oshi_iden
	han_prod_oshi_man
	han_prod_oshi_know
	han_prod_oshi_others
	han_prod_oshi_otherstext

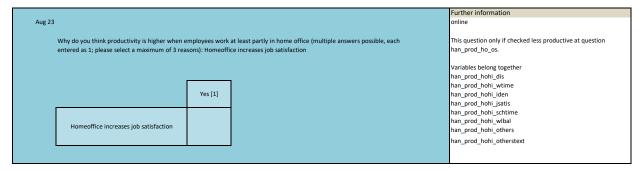
Survey period Survey frequency East and West 08/2023 han_prod_osless once much less productive Wording of question Further information Aug 23 How much less productive would people who are currently employed in home office be if they worked entirely on-site? This question only if checked less productive at question nan_prod_ho_os 5-10% less 10-20% less 20-30% less productive [2] productive [3] productive [4] productive [1] productive [5] Name Survey period Survey frequency change prod. ho. work. when in ho.: reas. East and West 08/2023 han_prod_hohi_dis once high. prod.: less distraction Wording of question urther information Aug 23 online Why do you think productivity is higher when employees work at least partly in home office (multiple answers possible, each entered as 1; please select a maximum of 3 reasons): less distraction at work This question only if checked less productive at question nan_prod_ho_os Variables belong together han_prod_hohi_dis han_prod_hohi_wtime han_prod_hohi_iden han_prod_hohi_jsatis Yes [1] han_prod_hohi_schtime han_prod_hohi_wlbal han_prod_hohi_others less distraction at work nan_prod_hohi_otherstext Name Label Survey period Survey frequency change prod. ho. work. when in ho.: reas. East and West 08/2023 han_prod_hohi_wtime once high. prod.: long. work. Time Wording of question Further information Aug 23 online Why do you think productivity is higher when employees work at least partly in home office (multiple answers possible, each entered as 1; please select a maximum of 3 reasons): longer working time This question only if checked less productive at question nan_prod_ho_os. Variables belong together han_prod_hohi_dis han_prod_hohi_wtime han_prod_hohi_iden han_prod_hohi_jsatis Yes [1] han_prod_hohi_schtime han_prod_hohi_wlbal longer working time han_prod_hohi_others han_prod_hohi_otherstext Name Label Survey period Survey frequency han_prod_hohi_iden change prod. ho. work. when in ho.: reas. East and West 08/2023 once high. prod.: high ident. Wording of question urther information Aug 23 Why do you think productivity is higher when employees work at least partly in home office (multiple answers possible, each entered as 1; please select a maximum of 3 reasons): Higher identification with corporate culture This question only if checked less productive at question nan_prod_ho_os. Variables belong together han_prod_hohi_dis han_prod_hohi_wtime han_prod_hohi_iden Yes [1] han_prod_hohi_jsatis nan_prod_hohi_schtime

Higher identification with corporate culture

han_prod_hohi_wibal
han_prod_hohi_others
han_prod_hohi_otherstext

Name	Label	Survey period	Survey frequency
han_prod_hohi_jsatis	change prod. ho. work. when in ho.: reas.	East and West 08/2023	once
	high. prod.: inc. job satis.		

Wording of question



Name	Label	Survey period	Survey frequency
han_prod_hohi_schtime	change prod. ho. work. when in ho.: reas.	East and West 08/2023	once
	high. prod.: sched. work. Time		

Wording of question

Aug 23

Why do you think productivity is higher when employees work at least partly in home office (multiple answers possible, each entered as 1; please select a maximum of 3 reasons): Schedule working time

This question only if checked less productive at question han_prod_hon_os.

Variables belong together han_prod_hohi_dis han_prod_hohi_iden han_prod_hohi_others han_prod_hohi_others

Schedule working time

Name	Label	Survey period	Survey frequency
han_prod_hohi_wlbal	change prod. ho. work. when in ho.: reas.	East and West 08/2023	once
	high produinger work life hal		

Wording of question

Why do you think productivity is higher when employees work at least partly in home office (multiple answers possible, each entered as 1; please select a maximum of 3 reasons): Homeoffice improves Work-Life-Balance

This question only if checked less productive at question han_prod_ho_os.

Variables belong together han_prod_hohi_dis han_prod_hohi_dis han_prod_hohi_iden ha

Name		Label	Survey period	Survey frequency
han_prod_hohi_d			East and West 08/2023	once
	high. prod.: othes			

A	Further information online
	This question only if checked less productive at question han_prod_ho_os.



Name	Label	Survey period	Survey frequency
han_prod_hohi_otherstext	change prod. ho. work. when in ho.: reas.	East and West 08/2023	once
	high. prod.: others text		

Aug 23

Why do you think productivity is higher when employees work at least partly in home office (please select a maximum of 3 reasons): others text

This question only if checked less productive at question han_prod_ho_os.

Variables belong together han_prod_hohi_dis han_prod_hohi_dis han_prod_hohi_iden han_prod_hohi_isatis han_prod_hohi_isatis han_prod_hohi_isatis han_prod_hohi_sktime han_prod_hohi_willabl han_prod_hohi_willabl han_prod_hohi_others han_prod_hohi_others

Name L	Label	Survey period	Survey frequency
nan_pere_workst_onsite	percentage workstations on site utilized on	West and East 09/2023	once

Wording of question

Sep 23

What percentage of your on-site workstations are currently utilized on an average workday?

Name	Label	Survey period	Survey frequency
han_days_homeoff_mon	weekdays employees most freque. home	West and East 10/2023	once
	office: Monday		

Wortlaut der Frage

Okt 23

Weekdays on which employees work most frequently in home office: Monday (multiple answers possible)

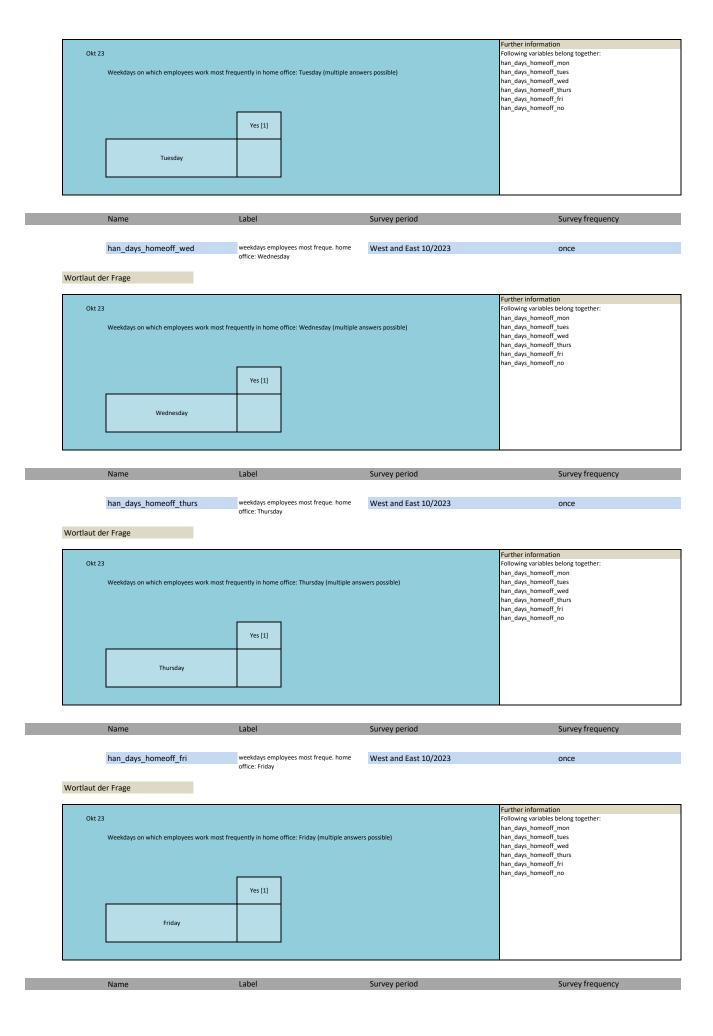
Yes [1]

Monday

Further information
Following variables belong together:
han_days_homeoff_mon
han_days_homeoff_tues
han_days_homeoff_fithurs
han_days_homeoff_fithurs
han_days_homeoff_fri
han_days_homeoff_fri
han_days_homeoff_no

Name	Label	Survey period	Survey frequency
han days homeoff tues	weekdays employees most freque. home	West and East 10/2023	once
nun_uuys_nomeon_tues	office: Tuesday	West and 2001 20/ 2025	once

Wortlaut der Frage



weekdays employees most freque. home office: no ho. Possible

West and East 10/2023

Wortlaut der Frage

Okt 23

Weekdays on which employees work most frequently in home office: no homeoffice possible (multiple answers possible)

Yes [1] no homeoffice possible

Further information Following variables belong together: han_days_homeoff_mon han_days_homeoff_tues han_days_homeoff_wed han_days_homeoff_thurs han_days_homeoff_fri han_days_homeoff_no

Name

Label

Survey period

Survey frequency

han_collap_comsale_best

gdp collapses 5%: company sales affected best West and East 10/2023 case

once

Wortlaut der Frage

Okt 23

In the event of a macroeconomic crisis in Germany (GDP collapses by ~5% within one year). To what extent would the company be affected by this? A rough estimate of the potential company-specific impact on real sales in percent. (A decrease in sales is indicated with a preceding "-" sign. A rough estimate will suffice.) Change sales in percent: (best case)

Further information online

Following variables belong together: han_collap_comsale_best han_collap_comsale_ave han_collap_comsale_worst

__ % (best case)

Name

Label

Survey period

Survey frequency

han_collap_comsale_ave

gdp collapses 5%: company sales affected average case

West and East 10/2023

once

Wortlaut der Frage

Okt 23

In the event of a macroeconomic crisis in Germany (GDP collapses by ~5% within one year). To what extent would the company be affected by this? A rough estimate of the potential company-specific impact on real sales in percent. (A decrease in sales is indicated with a preceding "-" sign. A rough estimate will suffice.) Change sales in percent: (average case)

urther information online

Following variables belong together: han_collap_comsale_best han_collap_comsale_ave han_collap_comsale_worst

__ % (average case)

Name Label Survey period

Survey frequency

han_collap_comsale_worst

gdp collapses 5%: company sales affected worst case

West and East 10/2023

once

Wortlaut der Frage

In the event of a macroeconomic crisis in Germany (GDP collapses by ~5% within one year). To what extent would the company be affected by this? A rough estimate of the potential company-specific impact on real sales in percent. (A decrease in sales is indicated with a preceding "-" sign. A rough estimate will suffice.) Change sales in percent: (worst case)

online

Following variables belong together: han_collap_comsale_best han_collap_comsale_ave han_collap_comsale_worst

__ % (worst case)

	Name	Label		Survey period	Survey frequency
	han_perc_borrcap_23		estm. financed w. borrowed	West and east 11/2023	annual (novembre)
		capital 2023			
Wording of Nov 23					Further information
	Percentage investments finance	ed with borrowed capital in 2023	3:		
	% (Year 2023)				
	Nama	Label		Currou pariod	Suprou from once
	Name	Label		Survey period	Survey frequency
	han_perc_borrcap_24	percentage inve capital 2024	estm. financed w. borrowed	West and east 11/2023	annual (novembre)
Wording of	question				
	Percentage investments finance	ed with borrowed capital in 202-	d:		
	% (Year 2024)				
	Name	Label		Survey period	Survey frequency
			terest rates / credit cond. last		
	Name han_redinv_totinv			Survey period West and east 12/2023	Survey frequency once
Wording of	han_redinv_totinv	red. inv. due in			once
	han_redinv_totinv	red. inv. due in			
Wording of	han_redinv_totinv	red. inv. due in 1.5 y.: total inv.		West and east 12/2023	once Further information
Wording of	han_redinv_totinv question Have you reduced planned investments	red. inv. due in 1.5 y.: total inv.		West and east 12/2023	once Further information
Wording of Dez 23	han_redinv_totinv question Have you reduced planned inve	red. inv. due in 1.5 y.: total inv.		West and east 12/2023	once Further information
Wording of	han_redinv_totinv question Have you reduced planned inveinvestments no, no investments planned	red. inv. due inv. 1.5 y.: total inv. 1.5 y.: total inv. stments in the last 1.5 years due	e to higher interest rates and ti	West and east 12/2023	once Further information
Wording of Dez 23	han_redinv_totinv question Have you reduced planned inveinvestments no, no investments planned	red. inv. due inv. 1.5 y.: total inv. 1.5 y.: total inv. stments in the last 1.5 years due	e to higher interest rates and ti	West and east 12/2023	once Further information
Wording of Dez 23	han_redinv_totinv question Have you reduced planned inveinvestments no, no investments planned	red. inv. due inv. 1.5 y.: total inv. 1.5 y.: total inv. stments in the last 1.5 years due	e to higher interest rates and ti	West and east 12/2023	once Further information
Wording of Dez 23	han_redinv_totinv question Have you reduced planned inveinvestments no, no investments planned	red. inv. due inv. 1.5 y.: total inv. 1.5 y.: total inv. stments in the last 1.5 years due	e to higher interest rates and ti	West and east 12/2023	once Further information
Wording of	han_redinv_totinv question Have you reduced planned inveinvestments no, no investments planned [1]	red. inv. due inv. 1.5 y.: total inv. stments in the last 1.5 years due no, no decrease [2]	e to higher interest rates and ti yes, decrease [3]	West and east 12/2023 ghter credit conditions: Total	once Further information only online
Wording of	han_redinv_totinv question Have you reduced planned inveinvestments no, no investments planned [1] Name han_redinv_invres	red. inv. due inv. 1.5 y.: total inv. 1.5 y.: total inv. stments in the last 1.5 years due inv. due in	e to higher interest rates and ti yes, decrease [3]	West and east 12/2023 ghter credit conditions: Total Survey period	once Further information only online Survey frequency
Wording of Dez 23 Wording of	han_redinv_totinv question Have you reduced planned inveinvestments no, no investments planned [1] Name han_redinv_invres question	red. inv. due inv. 1.5 y.: total inv. 1.5 y.: total inv. stments in the last 1.5 years due inv. due in	e to higher interest rates and ti yes, decrease [3]	West and east 12/2023 ghter credit conditions: Total Survey period	Further information only online Survey frequency once
Wording of Dez 23 Wording of	han_redinv_totinv question Have you reduced planned inveinvestments no, no investments planned [1] Name han_redinv_invres question	red. inv. due inv. 1.5 y.: total inv. 1.5 y.: total inv. stments in the last 1.5 years due no, no decrease [2] Label red. inv. due inv. 1.5 y.: inv. Rese	e to higher interest rates and ti yes, decrease [3] terest rates / credit cond. last arch	West and east 12/2023 ghter credit conditions: Total Survey period West and east 12/2023	Further information only online Survey frequency once

	Name	Label		Survey period	Survey frequency
	han_redinv_invene	red. inv. due in	terest rates / credit cond. last	West and east 12/2023	once
Wording of	question	1.5 y.: inv. Ener	: effi.		
Dez 23					Further information only online
	Have you reduced planned inve Investments in energy efficiency			tighter credit conditions:	on your
	no, no investments planned [1]	no, no decrease [2]	yes, decrease [3]		
	Name	Label		Survey period	Survey frequency
	han_redinv_perc_totinv			West and east 12/2023	once
Wording of		1.5 y. in perc: to			
Wording C.	question				Further information
	amount of reduction in your inv	vestment (iii 76). Total investmen	its	tighter credit conditions? If yes,	
	%	restricti (ii 79). (stai ii vesaite	iis		
	%		iis		
		Label	iis	Survey period	Survey frequency
	%	Label	terest rates / credit cond. last	Survey period	Survey frequency once
	Name han_redinv_perc_invres	Label red. inv. due int	terest rates / credit cond. last	Survey period	once
Wording of	Name han_redinv_perc_invres	Label red. inv. due int 1.5 y. in perc: ir	terest rates / credit cond. last nv. Research	Survey period West and east 12/2023	
	Name han_redinv_perc_invres question Have you reduced planned inve	Label red. inv. due int 1.5 y. in perc: ir	terest rates / credit cond. last nv. Research	Survey period West and east 12/2023	once Further information
	Name han_redinv_perc_invres f question Have you reduced planned inve amount of reduction in your inv	Label red. inv. due int 1.5 y. in perc: ir	terest rates / credit cond. last nv. Research	Survey period West and east 12/2023	once Further information
	Name han_redinv_perc_invres question Have you reduced planned inve amount of reduction in your inv	Label red. inv. due int 1.5 y. in perc: ir restments in the last 1.5 years due vestment (in %): Investments in i	terest rates / credit cond. last v. Research e to higher interest rates and tresearch and development terest rates / credit cond. last	Survey period West and east 12/2023 tighter credit conditions? If yes,	Further information only online

			use of renewable energies	
	%			
	Name	Label	Survey period	Survey frequency
	han_reas_invene_red	reasons investments in energy efficiency reduced more/less	West and east 12/2023	once
Wording of	f question			
Dez 23	3			Further information only online
	Reasons investments in energy efficie change in interest rates?	ency and renewable energies reduced more / less th	aan other investments following the	
	Name	Label	Survey period	Survey frequency
	han_reas_invres_red	reasons investments in research reduced		once
		more/less	, , ,	
Wording of				
				Further information
	Reasons investments in research and interest rates?	development reduced more / less than other inves	tments following the change in	only online
		development reduced more / less than other inves	tments following the change in	
		development reduced more / less than other inves	tments following the change in	
	Name		Survey period	only online Survey frequency
Wording of	Name han_planinv_2024	Label		only online
Wording of	Name han_planinv_2024	Label	Survey period	only online Survey frequency
Wording of	Name han_planinv_2024 f question	Label	Survey period	Survey frequency once
	Name han_planinv_2024 f question	Label	Survey period	Survey frequency once Further information
	Name han_planinv_2024 f question 3 Investments planned for 2024?	Label planned investments for 2024	Survey period	Survey frequency once Further information
	Name han_planinv_2024 f question 3 Investments planned for 2024?	Label planned investments for 2024	Survey period	Survey frequency once Further information

Wording of					Frontless in Committee
Dez 23	3				Further information only online
	Investments planned for 2025?				
	Yes [1]	No [2]			
	Name	1-1-1		Communication	C
	Name	Label		Survey period	Survey frequency
	han_ninv24_len05_inv	no inv. 2024: lendi	ing rates 0.5 perc. points	West and east 12/2023	once
	nan_niivz4_ieno3_iiiv	lower: in this case		West and east 12/2023	Office
Wording of	fauestion				
Wording of	question				
Dez 23	3 Assume that the financing condit	ions for you and your competitor	s improve For the next 2	years, the interest rates on loans	Further information only online
	for all maturities are X* percenta	ge points lower than currently ex	pected. Assume that noth	ning else changes in terms of credit	Variable when checked "no" at han_planinv_2024
	conditions or company-specific o	r macroeconomic conditions. In t	nis case, would you plan i	nvestments for 2024?	Question is randomized and there are 4 possibilit
					asked. Accordingly, each question also has four a
	V [4]	N - [2]	D It I 121		Variables belong together:
	Yes [1]	No [2]	Don't know [3]		han_ninv24_len05_inv han_ninv24_len1_inv
					han_ninv24_len3_inv han_ninv24_len4_inv
					* The X%-points have the values 0.5%-points, 1%-
					* The X%-points have the values 0.5%-points, 1%-
					* The X%-points have the values 0.5%-points, 1%-
	Name	Label		Survey period	* The X%-points have the values 0.5%-points, 1%-
	Name	Label		Survey period	* The X%-points have the values 0.5%-points, 1%- points and 4%-points.
	Name han_ninv24_len1_inv	no inv. 2024: lendi	ing rates 1 perc. points	Survey period West and east 12/2023	* The X%-points have the values 0.5%-points, 1%- points and 4%-points.
_					* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency
Wording of	han_ninv24_len1_inv	no inv. 2024: lendi			* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency
	han_ninv24_len1_inv	no inv. 2024: lendi			* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency once
Wording of	han_ninv24_len1_inv f question 3 Assume that the financing condit	no inv. 2024: lendi lower: in this case	inv. 2024	West and east 12/2023 years, the interest rates on loans	* The X%-points have the values 0.5%-points, 1%- points and 4%-points. Survey frequency once Further information only online
	han_ninv24_len1_inv f question 3 Assume that the financing condit	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex	inv. 2024 s improve. For the next 2 spected. Assume that noth	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%- points and 4%-points. Survey frequency once Further information
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex	inv. 2024 s improve. For the next 2 spected. Assume that noth	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%- points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex	inv. 2024 s improve. For the next 2 spected. Assume that noth	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four al
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex	inv. 2024 s improve. For the next 2 spected. Assume that noth	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four all Variables belong together: han_ninv24_len05_inv
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific o	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four all Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific o	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four all Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len3_inv han_ninv24_len4_inv
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific o	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four all Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len3_inv
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific o	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four all Variables belong together: han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len4_inv * The X%-points have the values 0.5%-points, 1%-
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific o	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four all Variables belong together: han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len4_inv * The X%-points have the values 0.5%-points, 1%-
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific o	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four all Variables belong together: han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len4_inv * The X%-points have the values 0.5%-points, 1%-
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific o	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i	West and east 12/2023 years, the interest rates on loans aing else changes in terms of credit	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four all Variables belong together: han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len4_inv * The X%-points have the values 0.5%-points, 1%-
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific of the conditions or company specific of the conditions of the cond	no inv. 2024: lendi lower: in this case iions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i	West and east 12/2023 years, the interest rates on loans sing else changes in terms of credit investments for 2024?	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four al Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len4_inv * The X%-points have the values 0.5%-points, 1%-points and 4%-points.
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific of the conditions or company specific of the conditions of the cond	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i Don't know [3]	West and east 12/2023 years, the interest rates on loans sing else changes in terms of credit investments for 2024?	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four al Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len4_inv * The X%-points have the values 0.5%-points, 1%-points and 4%-points.
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific of Yes [1] Yes [1]	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i Don't know [3]	West and east 12/2023 years, the interest rates on loans ing else changes in terms of credit investments for 2024? Survey period	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four at Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len1_inv * The X%-points have the values 0.5%-points, 1%-points and 4%-points.
	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific of Yes [1] Yes [1] Name han_ninv24_len3_inv	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i Don't know [3]	West and east 12/2023 years, the interest rates on loans ing else changes in terms of credit investments for 2024? Survey period	* The X%-points have the values 0.5%-points, 1%-points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four at Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len1_inv * The X%-points have the values 0.5%-points, 1%-points and 4%-points.
Dez 23	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific of the second	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In t	inv. 2024 s improve. For the next 2 spected. Assume that noth his case, would you plan i Don't know [3]	West and east 12/2023 years, the interest rates on loans ing else changes in terms of credit investments for 2024? Survey period	* The X%-points have the values 0.5%-points, 1%- points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_2024 Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four al Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len1_inv han_ninv24_len3_inv han_ninv24_len4_inv * The X%-points have the values 0.5%-points, 1%- points and 4%-points. Survey frequency Once
Dez 2:	han_ninv24_len1_inv f question 3 Assume that the financing condit for all maturities are X* percenta conditions or company-specific of Yes [1] Yes [1] Name han_ninv24_len3_inv f question 3 Assume that the financing conditions or conditions or company-specific of the conditions or company-specific of the conditions or company-specific or conditions or conditions or company-specific or conditions or conditions or conditions or conditions or conditions or company-specific	no inv. 2024: lendi lower: in this case ions for you and your competitor ge points lower than currently ex r macroeconomic conditions. In the lower in this case ions for you and your competitor in this case ions for you and your competitor in this case ions for you and your competitor.	s improve. For the next 2 ppected. Assume that noth his case, would you plan i Don't know [3] Don't know [3] ing rates 3 perc. points inv. 2024	West and east 12/2023 years, the interest rates on loans sing else changes in terms of credit nevestments for 2024? Survey period West and east 12/2023	* The X%-points have the values 0.5%-points, 1% points and 4%-points. Survey frequency Once Further information only online Variable when checked "no" at han_planinv_202. Question is randomized and there are 4 possibilit asked. Accordingly, each question also has four a Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len1_inv * The X%-points have the values 0.5%-points, 1% points and 4%-points.

conditions or company-specific	or macroeconomic conditions.	In this case, would you plan inve	Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations.
Yes [1]	No [2]	Don't know [3]	Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv han_ninv24_len3_inv han_ninv24_len3_inv han_ninv24_len4_inv **The X%-points have the values 0.5%-points, 1%-points, 3%- points and 4%-points.

Survey period Survey frequency no inv. 2024: lending rates 4 perc. points lower: in this case inv. 2024 West and east 12/2023 han_ninv24_len4_inv once Wording of question Dez 23 Further information Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans Variable when checked "no" at han_planinv_2024 for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. In this case, would you plan investments for 2024? Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations. Variables belong together: han_ninv24_len05_inv han_ninv24_len1_inv Yes [1] No [2] Don't know [3] han ninv24 len3 inv han_ninv24_len4_inv * The X%-points have the values 0.5%-points, 1%-points, 3%points and 4%-points. Survey period Survey frequency han_ninv25_len05_inv no inv. 2025: lending rates 0.5 perc. points West and east 12/2023 once lower: in this case inv. 2025 Wording of question Dez 23 urther information Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X^* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. In this case, would you plan investments for 2025? Variable when checked "no" at han planiny 2025 Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations. Variables belong together: Yes [1] No [2] Don't know [3] han_ninv25_len05_inv han_ninv25_len1_inv han_ninv25_len3_inv nan_ninv25_len4_inv

* The X%-points have the values 0.5%-points, 1%-points, 3%points and 4%-points. Survey period Survey frequency West and east 12/2023 han_ninv25_len1_inv no inv. 2025: lending rates 1 perc. points once Wording of question Further information Dez 23 Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. In this case, would you plan investments for 2025? Variable when checked "no" at han_planinv_2025 Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations. Variables belong together: Yes [1] No [2] Don't know [3] han_ninv25_len05_inv han_ninv25_len1_inv han ninv25 len3 inv nan_ninv25_len4_inv

* The X%-points have the values 0.5%-points, 1%-points, 3%points and 4%-points. Survey period Survey frequency han_ninv25_len3_inv no inv. 2025: lending rates 3 perc. points West and east 12/2023 once lower: in this case inv. 2025 Wording of question urther infor Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X^* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. In this case, would you plan investments for 2025? Variable when checked "no" at han planiny 2025 Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations. Variables belong together: Yes [1] han_ninv25_len05_inv han_ninv25_len1_inv No [2] Don't know [3] han ninv25 len3 inv nan_ninv25_len4_inv The X%-points have the values 0.5%-points, 1%-points, 3%-

points and 4%-points.

Name Label Survey period Survey frequency

han_ninv25_len4_inv no inv. 2025: lending rates 4 perc. points West and east 12/2023 once

Wording of question

Dez 23

Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. In this case, would you plan investments for 2025?

lower: in this case inv. 2025

Yes [1] No [2] Don't know [3]

Further information

Variable when checked "no" at han_planinv_2025

Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations.

Variables belong together: han_ninv25_len05_inv han_ninv25_len1_inv

han_ninv25_len3_inv

han_ninv25_len4_inv

* The X%-points have the values 0.5%-points, 1%-points, 3%-points and 4%-points.

Name Label Survey period Survey frequency

han_inv24_len05_plinv inv. 2024: lending rates 0.5 perc. points lower: Adj. planned total inv.

West and east 12/2023 once

Wording of question

Name	Label	Survey period	Survey frequency
han_inv24_len1_plinv	inv. 2024: lending rates 1 perc. points lower:	West and east 12/2023	once
	Adj. planned total inv.		

Wording of question

Further information Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total investments for 2024 (in percent): only online Variable when checked "yes" at han_planinv_2024 Ouestion is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations. Variables belong together han_inv24_len05_plinv han inv24 len1 plinv han_inv24_len3_plinv han_inv24_len4_plinv * The X%-points have the values 0.5%-points, 1%-points, 3%points and 4%-points. Example: 0% - no change in investment plans; 100% - doubling of investment plans.

Name	Label	Survey period	Survey frequency
han_inv24_len3_plinv	inv. 2024: lending rates 3 perc. points lower:	West and east 12/2023	once

Dez 23		Further information
	Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans	only online
	for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit	Variable when checked "yes" at han_planinv_2024
	conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total	
	investments for 2024 (in percent):	Question is randomized and there are 4 possibilities how it is

asked. Accordingly, each question also has four abbreviations.

Variables belong together:
han_inv24_len05_plinv
han_inv24_len1_plinv
han_inv24_len1_plinv
han_inv24_len3_plinv

* The X%-points have the values 0.5%-points, 1%-points, 3%-points and 4%-points.

Example:
0% - no change in investment plans; 100% - doubling of investment plans.

Nam	ne l	Label	Survey period	Survey frequency
han_		nv. 2024: lending rates 4 perc. points lower:	West and east 12/2023	once
	, and a second	Adj. planned total inv.		

Wording of question

Dez 23		Further information
	Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans	only online
	for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total	Variable when checked "yes" at han_planinv_2024
	investments for 2024 (in percent):	Question is randomized and there are 4 possibilities how it is
		asked. Accordingly, each question also has four abbreviations.
		Variables belong together:
		han_inv24_len05_plinv
		han_inv24_len1_plinv
		han_inv24_len3_plinv
		han_inv24_len4_plinv
	%	* The X%-points have the values 0.5%-points, 1%-points, 3%-
		points and 4%-points.
		Example:
		0% - no change in investment plans; 100% - doubling of
		investment plans.

Name	Label	Survey period	Survey frequency
han_inv25_len05_plinv		West and east 12/2023	once
	lower: Adj. planned total inv.		

Wording of question

Dez 23	Further information
Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans	only online
for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total	Variable when checked "yes" at han_planinv_2025
investments for 2025 (in percent):	Question is randomized and there are 4 possibilities how it is
	asked. Accordingly, each question also has four abbreviations.
	Variables belong together:
	han_inv25_len05_plinv
	han_inv25_len1_plinv
	han_inv25_len3_plinv
	han_inv25_len4_plinv
%	* The X%-points have the values 0.5%-points, 1%-points, 3%-
	points and 4%-points.
	Example:
	0% - no change in investment plans; 100% - doubling of
	investment plans.

Name	Label	Survey period	Survey frequency
han_inv25_len1_plinv	inv. 2025: lending rates 1 perc. points lower:	West and east 12/2023	once
	Adj. planned total inv.		

Wording of question

Dez 23

Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total investments for 2025 (in percent):

Conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total investments for 2025 (in percent):

Conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total investments for 2025 (in percent):

Conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total investment of planned total investment plans in the planning of the conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total only online

**Variables when checked "yes" at han_planiny_2025

**Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations.

**Variables belong together:
han_inv25_lend_plinv
han_inv25_lend_plinv
han_inv25_lend_plinv
han_inv25_lend_plinv

**The X%-points have the values 0.5%-points, 1%-points, 3%-points and 4%-points.

**Example:

**O% - no change in investment plans; 100% - doubling of investment plans.

Name	Label	Survey period	Survey frequency
han_inv25_len3_plinv	inv. 2025: lending rates 3 perc. points lower:	West and east 12/2023	once

Dez 23 Further information Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans only online for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total investments for 2025 (in percent): Variable when checked "yes" at han planiny 2025 Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations. Variables belong together: han_inv25_len05_plinv han_inv25_len1_plinv han_inv25_len3_plinv nan_inv25_len4_plinv % The X%-points have the values 0.5%-points, 1%-points, 3%oints and 4%-points. 0% - no change in investment plans: 100% - doubling of nvestment plans.

Name Label Survey period Survey frequency

han_inv25_len4_plinv inv. 2025: lending rates 4 perc. points lower: Adj. planned total inv.

West and east 12/2023 once

Wording of question

Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans only online for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. To what extent would you adjust the amount of planned total /ariable when checked "yes" at han_planinv_2025 investments for 2025 (in percent): Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations. Variables belong together han_inv25_len05_plinv han inv25 len1 plinv han_inv25_len3_plinv han inv25 len4 plinv The X%-points have the values 0.5%-points, 1%-points, 3%points and 4%-points. Example: 0% - no change in investment plans; 100% - doubling of investment plans.

Name Label Survey period Survey frequency

han_inv24_I05_noplinv_rea inv. 2024: lend. Rat. 0.5 perc. Poi. Lo.: no adj. West and east 12/2023 once

Wording of question

Dez 23

Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. Why would you not adjust the amount of the planned total investments for 2024 despite lower interest rates?

| Further information only online | Variable when "0" at han_inv24_len05_plinv to han_inv24_len4_plinv | Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations.

| Variables belong together: han_inv24_10_noplinv_rea han_inv24_11_noplinv_rea han_inv24_11_noplinv_rea han_inv24_11_noplinv_rea | The X*-points have the values 0.5%-points, 1%-points, 3%-points and 4%-points.

Name Label Survey period Survey frequency

han_inv24_l1_noplinv_rea inv. 2024: lend. Rat. 1 perc. Poi. Lo.: no adj. Planned: reasons

West and east 12/2023 once

Wording of question

Dez 23

Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. Why would you not adjust the amount of the planned total investments for 2024 despite lower interest rates?

| Further information only online | Variable when "0" at han_inv24_len05_plinv to han_inv24_len0.5_plinv to h

Name	Label	Survey period	Survey frequency
han_inv24_l3_noplinv_rea		West and east 12/2023	once
	Planned: reasons		

Dez 23	Further information
Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans	only online
for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit	Variable when "0" at han_inv24_len05_plinv to
conditions or company-specific or macroeconomic conditions. Why would you not adjust the amount of the planned total	han_inv24_len4_plinv
investments for 2024 despite lower interest rates?	Question is randomized and there are 4 possibilities ho
	asked. Accordingly, each question also has four abbrevi
	Variables belong together:
	han_inv24_I05_noplinv_rea
	han_inv24_l1_noplinv_rea
	han_inv24_I3_noplinv_rea
	han_inv24_I4_noplinv_rea
	* The X%-points have the values 0.5%-points, 1%-points
	points and 4%-points.

Name	Label	Survey period	Survey frequency
han_inv24_l4_noplinv_rea	inv. 2024: lend. Rat. 4 perc. Poi. Lo.: no adj.	West and east 12/2023	once
	Planned: reasons		

Wording of question

Dez 23

Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. Why would you not adjust the amount of the planned total investments for 2024 despite lower interest rates?

Further information
only online

Variable when "0" at han_inv24_len05_plinv to han_inv24_len4_plinv
Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations.

Variables belong together:
han_inv24_l1_noplinv_rea
han_inv24_l4_noplinv_rea

Name	Label	Survey period	Survey frequency
han_inv25_l05_noplinv_rea	inv. 2025: lend. Rat. 0.5 perc. Poi. Lo.: no adj.	West and east 12/2023	once
	Planned: reasons		

Wording of question

Dez 23

Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit conditions or company-specific or macroeconomic conditions. Why would you not adjust the amount of the planned total investments for 2025 despite lower interest rates?

| Further information only online | Variable when "0" at han_inv25_len05_plinv to han_inv25_len4_plinv | Question is randomized and there are 4 possibilities how it is asked. Accordingly, each question also has four abbreviations.

| Variables belong together: han_inv25_l05_noplinv_rea han_inv25_l1_noplinv_rea han_inv25_l1_noplinv_rea han_inv25_l1_noplinv_rea | han_inv25_l

Name	Label	Survey period	Survey frequency
han_inv25_l1_noplinv_rea	inv. 2025: lend. Rat. 1 perc. Poi. Lo.: no adj.	West and east 12/2023	once

Dez 23	Further information
Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans	only online
for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit	Variable when "0" at han_inv25_len05_plinv to
conditions or company-specific or macroeconomic conditions. Why would you not adjust the amount of the planned total	han_inv25_len4_plinv
investments for 2025 despite lower interest rates?	Question is randomized and there are 4 possibilities how it is

asked. Accordingly, each question also has four abbreviations.
 Variables belong together: han_inv25_I05_noplinv_rea han_inv25_I1_noplinv_rea han_inv25_I1_noplinv_rea han_inv25_I4_noplinv_rea * The X%-points have the values 0.5%-points, 1%-points, 3%- points and 4%-points.

Name L	abel	Survey period	Survey frequency

Dez 23	Further information
Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans	only online
for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit	Variable when "0" at han_inv25_len05_plinv to
conditions or company-specific or macroeconomic conditions. Why would you not adjust the amount of the planned total	han_inv25_len4_plinv
investments for 2025 despite lower interest rates?	Question is randomized and there are 4 possibilities how it is
	asked. Accordingly, each question also has four abbreviations.
	Variables belong together:
	han_inv25_I05_noplinv_rea
	han_inv25_l1_noplinv_rea
	han_inv25_I3_noplinv_rea
	han_inv25_I4_noplinv_rea
	* The X%-points have the values 0.5%-points, 1%-points, 3%-
	points and 4%-points.

Name	Label	Survey period	Survey frequency
han_inv25_l4_noplinv_rea	inv. 2025: lend. Rat. 4 perc. Poi. Lo.: no adj.	West and east 12/2023	once

Dez 23	Further information
Assume that the financing conditions for you and your competitors improve. For the next 2 years, the interest rates on loans	only online
for all maturities are X* percentage points lower than currently expected. Assume that nothing else changes in terms of credit	Variable when "0" at han_inv25_len05_plinv to
conditions or company-specific or macroeconomic conditions. Why would you not adjust the amount of the planned total	han_inv25_len4_plinv
investments for 2025 despite lower interest rates?	Question is randomized and there are 4 possibilities how it is
	asked. Accordingly, each question also has four abbreviations.
	Variables belong together:
	han_inv25_I05_noplinv_rea
	han_inv25_l1_noplinv_rea
	han_inv25_I3_noplinv_rea
	han_inv25_I4_noplinv_rea
	* The X%-points have the values 0.5%-points, 1%-points, 3%-
	points and 4%-points.

4. Standard questions for department stores in percentage

Name Label Survey period Survey frequency

han_questpercansw11 % to statebus good West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that appraise the state of business "good"

see statebus

*first appearing as of 02/2002 in the data set

Name	Label	Survey period	Survey frequency
han_questpercansw12	% to statebus satisfiable	West 01/1990 to 01/2006*	monthly survey

Further information

Percentage of department stores that appraise the state of business "satisfiable"

see statebus

*first appearing as of 02/2002 in the data set

Name	Label	Survey period	Survey frequency
han_questpercansw13	% to statebus bad	West 01/1990 to 01/2006*	monthly survey

Further information

Percentage of department stores that appraise the state of business "bad"

see statebus

*first appearing as of 02/2002 in the data set

Name	Label	Survey period	Survey frequency
han_questpercansw21	% to busvoly higher	West 01/1990 to 01/2006*	monthly survey

Further information

Percentage of department stores whose business volume is "higher" than last year

see busvoly

*first appearing as of 02/2002 in the data set

Name	Label	Survey period	Survey frequency
han_questpercansw22	% to busvoly as high as last year	West 01/1990 to 01/2006*	monthly survey

Further information

Percentage of department stores whose business volume is "about the same" compared to last year

see busvoly

*first appearing as of 02/2002 in the data set

Name	Label	Survey period	Survey frequency
han_questpercansw23	% to busvoly lower	West 01/1990 to 01/2006*	monthly survey

Further information

Percentage of department stores whose business volume is "lower" than last year

see busvoly

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw31 % to busvolm higher West 01/1990 to 01/2002* monthly survey

West 01/2004 to 01/2006 monthly survey

Further information

Percentage of department stores whose business volume is "higher" than previous month

see busvolm

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw32 % to busvolm as high as last year West 01/1990 to 01/2002* monthly survey

West 01/2004 to 01/2006 monthly survey

Further information

Percentage of department stores whose business volume is "about the same" compared to previous month

see busvolm

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw33 % to busvolm lower West 01/1990 to 01/2002* monthly survey
West 01/2004 to 01/2006 monthly survey

urther information

Percentage of department stores whose business volume is "lower" than previous month

see busvolm

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw41 % to feedst insufficient West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores appraising their feedstock "insufficient"

see feedst

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw42 % to feedst satisfiable West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores appraising their feedstock "satisfiable"

see feedst

*first appearing as of 02/2002 in the data set

Name	Label	Survey period	Survey frequency
han_questpercansw43	% to feedst too much	West 01/1990 to 01/2006*	monthly survey

Further information

Percentage of department stores appraising their feedstock "too much"

see feedst

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw51 % to prypm increased West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that "increased " their prices compared to previous month

see prvpm

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw52 % to prypm not changed West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that have "not changed" their prices compared to last month

see prvpm

first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw53 % to prvpm decreased West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that "lowered" their prices compared to last month

see prvpm

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw61 % to exppr increasing West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that expect "increasing" prices

see exppr

first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw62 % to exppr not changing West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that expect prices to "stay about the same"

see exppr

*first appearing as of 02/2002 in the data set

Name	Label	Survey period	Survey frequency
han_questpercansw63	% to exppr decreasing	West 01/1990 to 01/2006*	monthly survey

Further information

Percentage of department stores that expect "decreasing" prices

see exppr

*first appearing as of 02/2002 in the data set

 Name
 Label
 Survey period
 Survey frequency

 han_questpercansw71
 % to ords raising
 West 01/1990 to 01/2006*
 monthly survey

Further information

Percentage of department stores that "increased" their orders compared to last year

caa orde

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw72 % to ords not changing West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that have their orders compared to last year

see ords

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw73 % to ords falling West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that "decreased" their orders compared to last year

see ords

first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw81 % to busdevy more favourable West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that evaluate their business development as "more favourable"

see busdevv

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw82 % to busdevv not changing West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that evaluate their business development as "staying about the same"

see busdevv

*first appearing as of 02/2002 in the data set

Name Label Survey period Survey frequency

han_questpercansw83 % to busdevy more unfavourable West 01/1990 to 01/2006* monthly survey

Further information

Percentage of department stores that evaluate their business development as "less favourable"

see busdevv

*first appearing as of 02/2002 in the data set

5. Klassifikationsumrechnungstabelle

sector_wz03 auf amtliche WZ2003-Klassifikation

ifo-classification (sector_wz03)	Official WZ2003-Klassfikation
50120	50.10.2
50131	5040075 35 4 6 7 1
50132	50.10.3 (ifo-spezifische Aufteilung)
50320	50.30.2
50330	50.30.3
50420	50.40.2
50430	50.40.3
50500	50.5
51210	51.21
51240	51.24
51290	51.22 & 51.23 & 51.25
51310	51.31
51340	51.34
51350	51.35
51370	51.37
51390	51.39
51410	51.41
51423	51.42.3
51429	51.42.4 & 51.42.5
51432	51.43.2
51433	51.43.3
51434	51.43.4
51440	51.44 (ohne Tapeten)
51450	51.45
51460	51.46
51473	51.47.3
51474	51.47.4
51476	51.47.6
51477	51.47.7
51478	51.47.8
51510	51.51
51522	51.52.2
51523	51.52.3
51532	51.53.2
51533	51.53.3
51534	51.53.4
51536	51.53.6
51537	51.53.7
51543	51.54.3
51549	51.54.2 & 51.54.4
51550	51.55
51560	51.56
51570	51.57

ifo-classification (sector_wz03)	Official WZ2003-Klassfikation
51810	51.81
51820	51.82
51840	51.84
51850	51.85
51860	51.86
51870	51.87
51880	51.88
52110	52.11
52120	52.12
52250	52.25
52260	52.26
52290	52.21 & 52.22 & 52.23 & 52.24 & 52.27
52310	52.31
52330	52.33
52410	52.41
52420	52.42
52421	52.42.1
52422	52.42.2
52423	52.42.3
52430	52.43
52431	52.43.1
52432	52.43.2
52440	52.44
52441	52.44.1
52443	52.44.3
52444	52.44.4
52447	52.44.7
52451	52.45.1
52452	52.45.2
52460	52.46
52471	52.47.1
52472	52.47.2 & 52.47.3
52485	52.48.5
52486	52.48.6
52491	52.49.1 & 52.49.2
52493	52.49.3 & 52.49.4
52495	52.49.5
52496	52.49.6
52497	52.49.7
52498	52.49.8
52499	Teil von 52.49.9
52600	52.6
52800	Teil von 52.49.9