

List of Variables

Business Survey Service Sector

Data: 1/1991-12/2014

As of June 2015

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LMU-ifo Economics & Business Data Center (EBDC)

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List of variables - Ifo Business Survey Service Sector

1. Variables of identification

2. Standard questions

3. Special questions

1. Variables of identification

No.	Name	Label	German description
1.1)	month	month	Monat
1.2)	year	year	Erhebungsjahr
1.3)	sector_wz03	sector	Wirtschaftsbereich nach WZ03
1.4)	sector_wz08	sector	Wirtschaftsbereich nach WZ08
1.5)	plantnum	KT information id	12-stellige KT Identifikationsnummer
1.6)	fedstaifo	federal state (ifo-code)	Bundesland entsprechend ifo Codierung
1.7)	runnum	running number of plant	Laufende Firmennummer
1.8)	idnum	firm X address file id	Firmenidentifikationsnummer
1.9)	weight	weight	Gewicht
1.10)	size	size range	Größenklasse
1.11)	size_turnover	size of turnover	Umsatzgrößenklasse
1.12)	size employees	size of employees	Beschäftigtengrößenklasse

II. Variables regarding the survey process

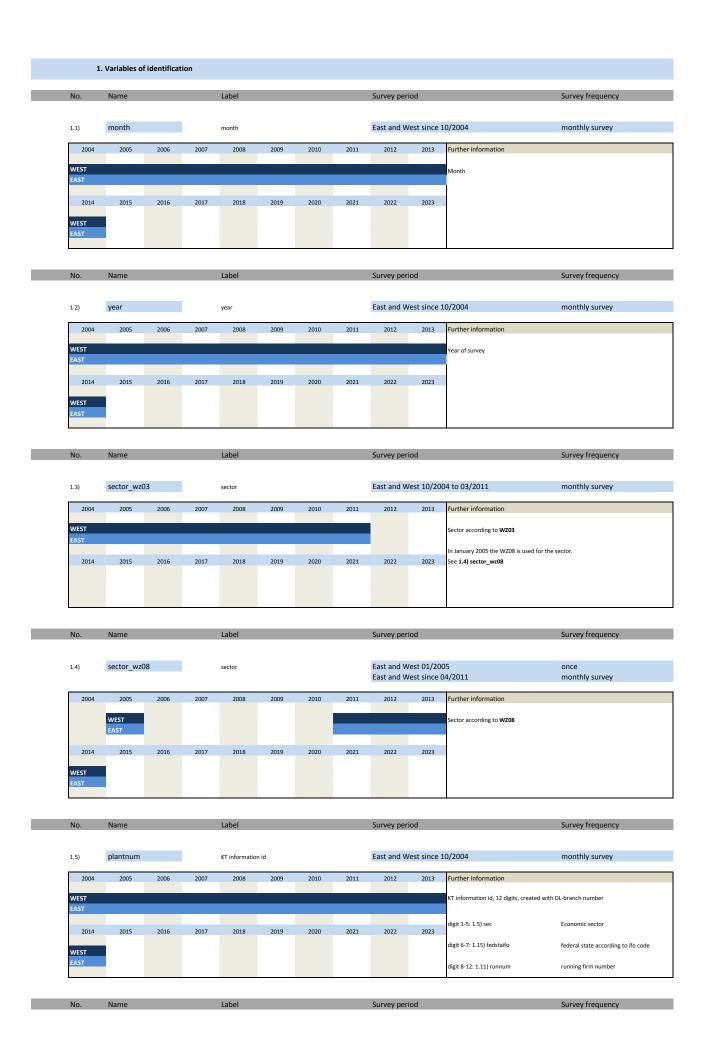
No.	Name	Label	German description
1.13)	online	online	Fragebogen online beantwortet
1.14)	survey_start	survey start	Umfragebeginn
1.15)	survey_end	survey end	Umfrageende
1.16)	participation_date	participation date	Teilnahmedatum
1.17)	participation_hour	participation hour	Teilnahmestunde
1.18)	participation_status	participation status	Teilnahmestatus

2. Standard questions

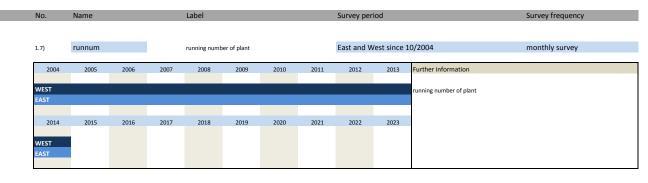
No.	Name	Label	German description
2.1)	statebus	state of business (appraisal)	Beurteilung der Geschäftslage
2.2)	busvolqu	business volume last 3 months	Entwicklung der Geschäftslage in den letzten 3 Monaten
2.3)	demandsales	demand / sales volume last 2-3 months	Entwicklung der Nachfrage/des Umsatz in den letzten 2-3 Monaten
2.4)	demandlast	demand / sales last month versus same month of previous year	Entwicklung von Nachfrage/Umsatz im letzten Monat ggü. Vorjahresmonat
2.5)	orders	orders (appraisal)	Beurteilung des Auftragsbestandes
2.6)	employlast	employees last 2-3 months	Entwicklung der Beschäftigtenzahl in den letzten 2-3 Monaten
2.7)	demandexp	expected demand / sales volume for the next 2-3 months	Erwartete Entwicklung von Nachfrage/Umsatz in den nächsten 2-3 Monaten
2.8)	employexp	expected employees for the next 2-3 months	Erwartete Entwicklung der Beschäftigtenzahl
2.9)	expectbus	expected business situation for the next 6 months	Erwartete Geschäftsentwicklung in den nächsten 6 Monaten
2.10)	pricenext	prices for the next 3 months	Erwartete Preisentwicklung in den nächsten 3 Monaten

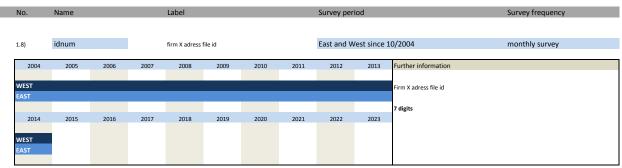
3. Special questions

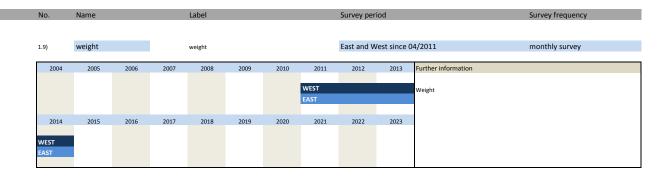
No.	Name	Label	German description
3.1)	constrbus	constraints to business activity	Behinderung der Geschäftstätigkeit
3.2)	lackdem	constaints by lack of demand	Behinderung der Geschäftstätigkeit durch unzureichende Nachfrage
3.3)	mplack	constaints by lack of skilled labour	Behinderung der Geschäftstätigkeit durch Mangel an Arbeitskräften
3.4)	lacktec	constaints by lack of technical capacities	Behinderung der Geschäftstätigkeit durch zu geringe technische Kapazitäten
3.5)	finan	constaints by problems of financing	Behinderung der Geschäftstätigkeit durch Finanzierungsengpässe
3.6)	lackroom	constaints by lack of room / business equipment	Behinderung der Geschäftstätigkeit durch Raummangel
3.7)	weather	constaints by weather conditions	Behinderung der Geschäftstätigkeit durch Wetterlage
3.8)	othrea	constaints by other reasons	Behinderung der Geschäftstätigkeit durch andere Ursachen
3.9)	invest	investments in the previous period	Entwicklung der Investitionen im vergangenen Zeitraum
3.10)	investexp	investment expectations for the current/upcoming year	Investitionenerwartungen für das laufende/kommende Jahr
3.11)	kap1	potential of existing capacity	Potential der vorhandenen Kapazitäten
3.12)	kap2	potential capacity expantion in %	Potential der vorhandenen Kapazitäten in %
3.13)	fambus	family business	Familienunternehemen
3.14)	minim1	minimum wage q1	Mindestlohn Frage 1
3.15)	minim2	minimum wage q2	Mindestlohn Frage 2
3.16)	minim3	minimum wage q3	Mindestlohn Frage 3
3.17)	minim4	minimum wage q4	Mindestlohn Frage 4
3.18)	minim5	minimum wage q5	Mindestlohn Frage 5
3.19)	minim6	minimum wage q6	Mindestlohn Frage 6
3.20)	minim7	minimum wage q7	Mindestlohn Frage 7
3.21)	minim8	minimum wage q8	Mindestlohn Frage 8

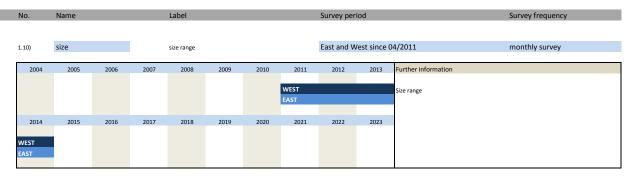


1.6)	fedstaifo			federal state (ifo-code)			East and W	est since	10/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST										federal state according to ifo code	
EAST											
										1 "[01] Berlin West"	9 "[09] Baden-Wuerttemberg"
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2 "[02] Schleswig-Holstein"	10 "[10] Bavaria"
										3 "[03] Hamburg"	11 "[11] Saarland"
WEST										4 "[04] Bremen"	12 "[12] Mecklenburg-Western-Pomerania
EAST										5 "[05] Lower Saxony"	13 "[13] Brandenburg (incl. Berlin East)"
										6 "[06] Nordrhine-Westphalia"	14 "[14] Saxony-Anhalt"
										7 "[07] Rhineland-Palatinate"	15 "[15] Saxony"
										8 "[08] Hesse"	16 "[16] Thuringia"





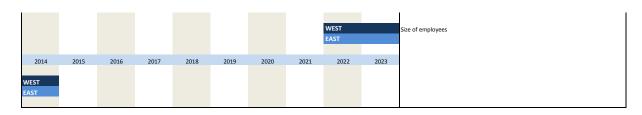




No.	Name			Label				Survey per	iod		Survey frequency
1.11)	size turno	ver size of turnover						East and W	/est since 0	1/2010	monthly survey
	_										· ·
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	

						WEST				Size of turnover	
						LAST					
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											
										l .	

No	o.	Name			Label				Survey perio	od		Survey frequency
1.12	2)	size empl			size of employe	es			East and We	est since C	5/2012	monthly survey
		· r										, ,
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	



No.	Name			Label				Survey per	iod	Survey frequency	
1.13)	online			online				East and W	est since 1	0/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST											
EAST										[1] fax	
										[2] online	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	[3] continuous text mail	
										[4] pdf-mail	
WEST										[5] manually collected	
EAST											

No.	Name			Label			Survey per	iod	Survey frequency	
4.44	survey sta	-						East and W	last since (02/2005 monthly survey
1.14)	survey_sta	11		survey_start				East and W	rest since t	32/2003 Monthly Survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									Start of survey
	EAST									
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No.	Name			Label			Survey per	iod	Survey frequency	
1.15)	survey_end	d		survey_end				East and W	est since 0	2/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									End of survey
	EAST									-110 51 341 447
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

- 1	NO.	Name Label							Survey per	100	Survey frequency
1	.16)	participation_date participation date					East and W	est since 0	02/2005 monthly survey		
			_								
	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
		WEST									Date of survey
		EAST									
											Only refers to the participants who answered the questionnaire online.
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
١	NEST										
E	AST										
											•

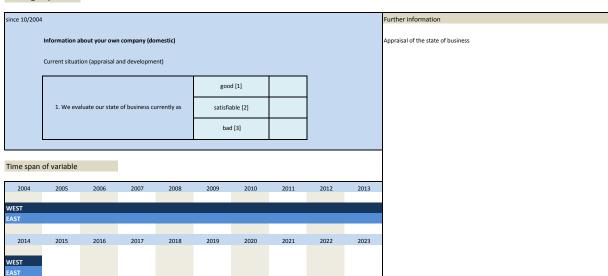
No.	Name			Label			Survey peri	iod	Survey frequency	
1.17)	participati	on_hour		participation h	iour			East and W	est since 0	2/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	ruther information
	WEST									Hour of survey
	EAST									
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										

EAST

No.	Name			Label				Survey per	iod	Survey frequency
1.18)	participati	on_status		participation status			East and W	est since 0	02/2005 monthly survey	
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									Participation status
	EAST									
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
										[1] complete
WEST										[2] reworked
EAST										[3] incomplete
										[4] not answered
										[5] ausgefuellt

2. Standard questions

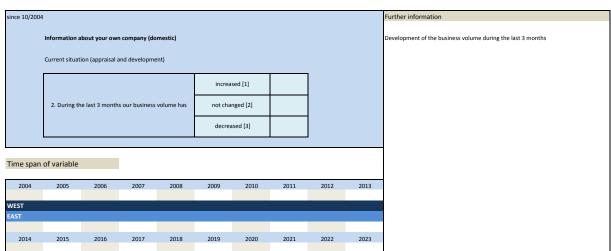
140.	Hullic	Lubei	Survey period	July Cy Inequency
2.1)	statebus	state of business (appraisal)	East and West since 10/2004	monthly survey
Wording of	f question			



No. Name Label Survey period Survey frequency

2.2) busvolqu business volume last 3 months East and West since 10/2004 monthly survey

Wording of question



WEST EAST

No. Name Survey period Survey frequency demandsales East and West since 10/2004 monthly survey 2.3) demand / sales volume last 2-3 months Wording of question since 10/2004 Further information Development of demand/sales volume during the last 2-3 months Information about your own company (domestic) Current situation (appraisal and development) *Incl. Foreign demand/ sales volume increased [1] 3a. During the last 2-3 months the demand* for our services or our sales volume* has not changed [2] decreased [3] Time span of variable 2004 2006 2007 2008 2009 2010 2011 2012 2013 WEST 2015 2017 2019 2021 2023 2014 2016 2018 2020 2022 WEST

Survey period

Survey frequency

No. Name

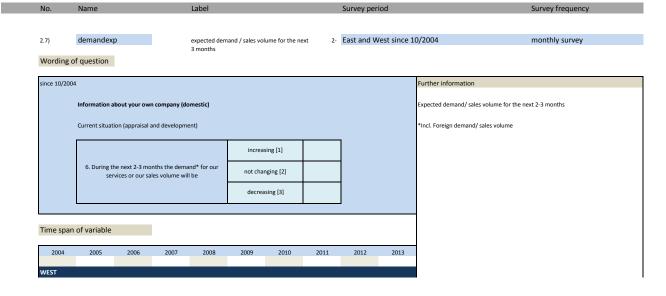
2.4) Wording	demandla			demand / sale previous year	s last month v	ersus same mo	nth of	East and W	est since 10	10/2004 monthly survey
von 10/20	04 bis 04/2009									Further information
		about your ow								demand/ sales volume last month versus same month of previous year
	Current situe	поп (арргазаг	and developme	-iii,				7		*Incl. Foreign demand/ sales volume
					increa	ised [1]				
		pared to the sar od* or sales volu			not cha	nged [2]				
					decrea	ased [3]				
since 05/2										
	Current situa	tion (appraisal	and developme	ent)	increa	ised [1]]		
		pared to the sar sales volume [.			not cha	inged [2]		_		
					decrea	ased [3]		_		
				Į						
Time spa	an of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST										
EAST										
2014 WEST	2015	2016	2017	2018	2019	2020	2021	2022	2023	
EAST										

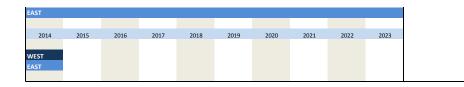
No. Name Label Surv	irvey period	Survey frequency
2.5) orders orders (appraisal) East	ast and West since 10/2004	monthly survey

Wording of question

since 10/200	4									Further information
	Information a				Appraisal of orders					
					relativel	y high [1]				
		Ve evaluate ou at an order backlo			enou	gh [2]				
					too sr	nall [3]				
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST										
EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										

No.	Name			Label				Survey period Survey frequency			Survey frequency
2.6)	employlast	t		employees las	t 2-3 months			East and W	est since 1	0/2004	monthly survey
Wording	of question										
since 10/20	04				Further information						
SIIICE 10/20	U*							ruttier information			
	Information a	bout your ow	n company (do	omestic)						Development of the number o	of employees during the last 2-3 months
	Current situat	ion (appraisal a	and developme	ent)							
						150		1			
					increa	sed [1]					
	5. During		onths the num rees has	ber of our	not cha	nged [2]					
					decrea	sed [3]					
Time spa	n of variable										
Time spa	ii oi vanabie										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WEST											
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST	WEST										
EAST											





No.	Name			Label				Survey per	iod	Survey frequency			
2.8)	employexp			expected emp	loyees for the	next 2-3 mont	hs	East and W	est since 1	0/2004	monthly survey		
Wording	of question												
since 10/200	14									Further information			
	Information a	bout your owr	n company (do	mestic)		Expected development of number	of employees durnig the next 2-3 months						
	Current situat	on (appraisal a	and developme	ent)									
					increa	sing [1]							
	7. During the	next 2-3 month will		of employees	not cha	nging [2]							
					decrea	sing [3]							
Time spar	of variable												
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013				
WEST													
EAST													
2014	2015	2015 2016 2017 2018 2019 2020 2						2022	2023				
WEST													
EAST													
										I			

No.	Name			Label				Survey per	iod		Survey frequency
2.9) Wording	expectbus of question			expected busi	ness situation	for the next 6	months	East and W	√est since 1	0/2004	monthly survey
since 10/200	14				Further information						
	Information a	bout your ow	n company (do	mestic)					Expected business situation for the n	next 6 months	
	Current situat	ion (appraisal	and developme	ent)							
					increa	sing [1]					
	8. During the		ns our business be	situation will	not char	nging [2]					
					decrea	sing [3]					
								_			
Time spar	of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WEST											
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											
										•	

Name	Label	Survey period	Survey frequency
pricenext	prices for the next 3 months	East and West since 10/2004	monthly survey
g of question			
g or question			
2004		Further information	on
2004 Information about your own	n company (domestic)		on ent of prices for the next 3 months
		pricenext prices for the next 3 months	pricenext prices for the next 3 months East and West since 10/2004

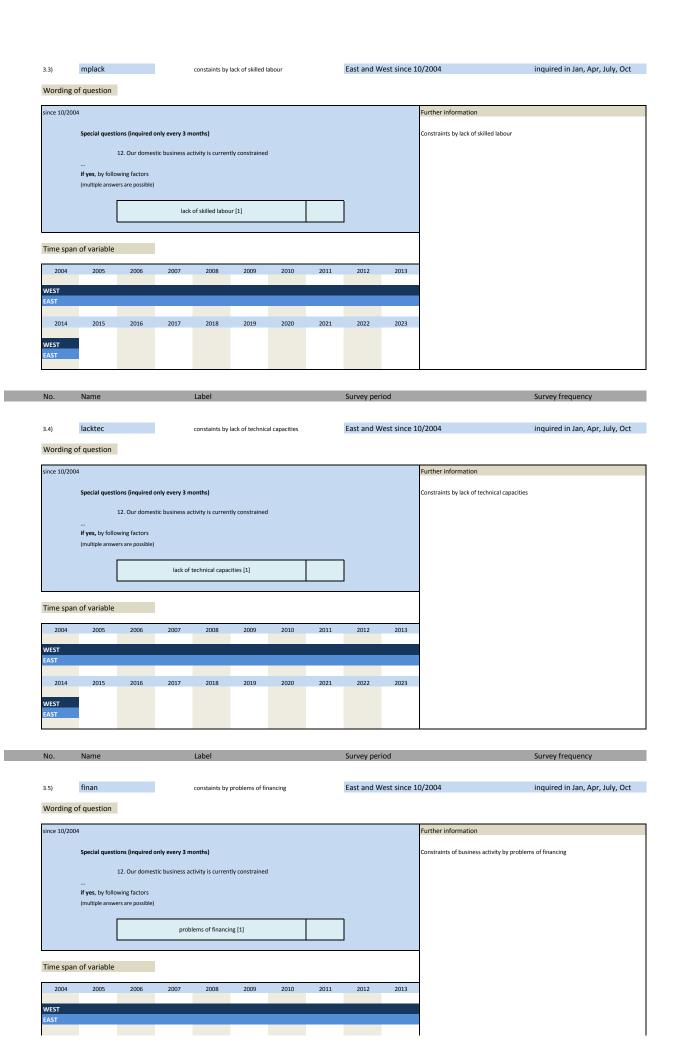
					increa	sing [1]			
	9. During the	next 3 month wil	s the prices for I be	our services	not chai	nging [2]			
					decrea	sing [3]			
							•		
Time span	of variable								
2004	2005	2006						2012	2013
WEST									
EAST	2015	2016	2017	2018	2019	2020	2021		2023
WEST EAST 2014 WEST	2015	2016	2017	2018	2019	2020	2021	2022	2023

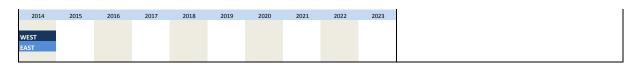
3. Special questions

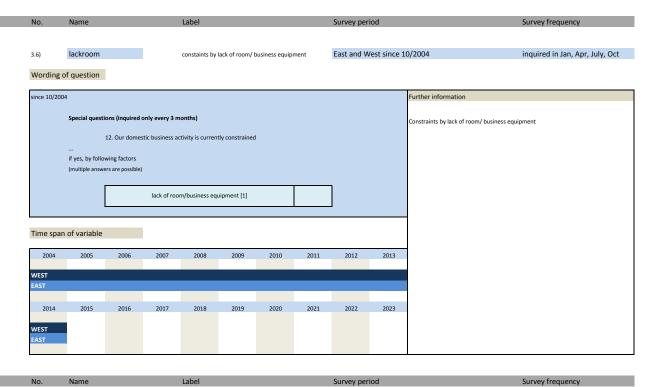
	Name			Label				Survey per	iod		Survey frequency			
3.1)	constrbus			constraints to	business activ	rity		East and W	est since 1	.0/2004	inquired in Jan, Apr, July, (
Wording	of question													
since 10/200)4									Further information				
	Special quest	ions (inquired o	only every 3 m	onths)			(41	(2)	1	Constraints to business activity				
							yes [1]	no [2]						
		12 0	tic business as	tivity is curren										
		12. Our domes	tic business ac	civity is current										
		12. Our domes	tic busiliess ac	avity is current	ary constrained				J					
		12. Our domes	tic business ac	divity is curren	ary constrained					_				
Time spar	n of variable		tic business ac	delty is current	ay construince									
	n of variable						2011	2012	2012					
Time spar			2007	2008	2009	2010	2011	2012	2013					
	n of variable						2011	2012	2013					
2004	n of variable						2011	2012	2013					
2004 WEST EAST	n of variable	2006	2007	2008	2009	2010								
2004 WEST	n of variable						2011	2012	2013					
2004 WEST EAST	n of variable	2006	2007	2008	2009	2010								
2004 WEST EAST	n of variable	2006	2007	2008	2009	2010								

No.	Name	Label Surve						Survey per	iod		Survey frequency
3.2)	lackdem			constaints by	ack of demand	i		East and W	est since 10	0/2004	inquired in Jan, Apr, July, Oct
Wording	f question										
wording o	ii question										
since 10/2004	4									Further information	
	Special questi	(:								Constraints by lack of demand	
	Special questi	ons (inquirea c	only every 5 m	ontrisj						Constraints by lack of demand	
		12. Our domes	tic business ac	tivity is current	tly constrained						
	if yes, by follo	wing factors									
	(multiple answe										
							1	n			
			lack of or	ders, lack of de	mand [1]						
	l							_			
			1								
Time span	of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
AAFOT											
WEST EAST		_	_	_	_	_	_		_		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

No. Name Label Survey period Survey frequency

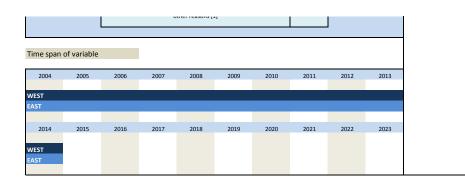




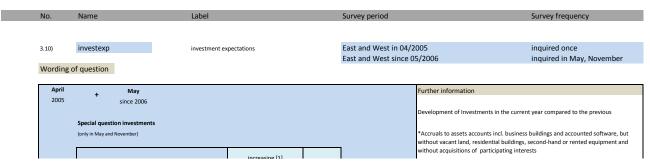


7)	weather			constaints by	weather condi	tions		East and W	est since 1	LO/2004 inquired in Jan, Apr, July, C
ording o	of question									
nce 10/200	14									Further information
	Special questi	ions (inquired	only every 3 m	onths)						Constraints by weather conditions
		12 Our domes	stic business ac	tivity is curren	tly constrained					
		12. Our dome.	stic business ac	divity is curren	ay constrained					
	if yes, by follo									
	(multiple answe	ers are possible)								
								7		
			wea	ther condition	s [1]					
										1
me span	of variable									
me span	of variable									
me span	of variable	2006	2007	2008	2009	2010	2011	2012	2013	
2004			2007	2008	2009	2010	2011	2012	2013	
			2007	2008	2009	2010	2011	2012	2013	
2004 EST ST	2005	2006								
2004 EST			2007	2008	2009	2010	2011	2012	2013	
2004 EST ST	2005	2006								

ired in Jan, Apr, July, O
ired in Jan, Apr, July, O

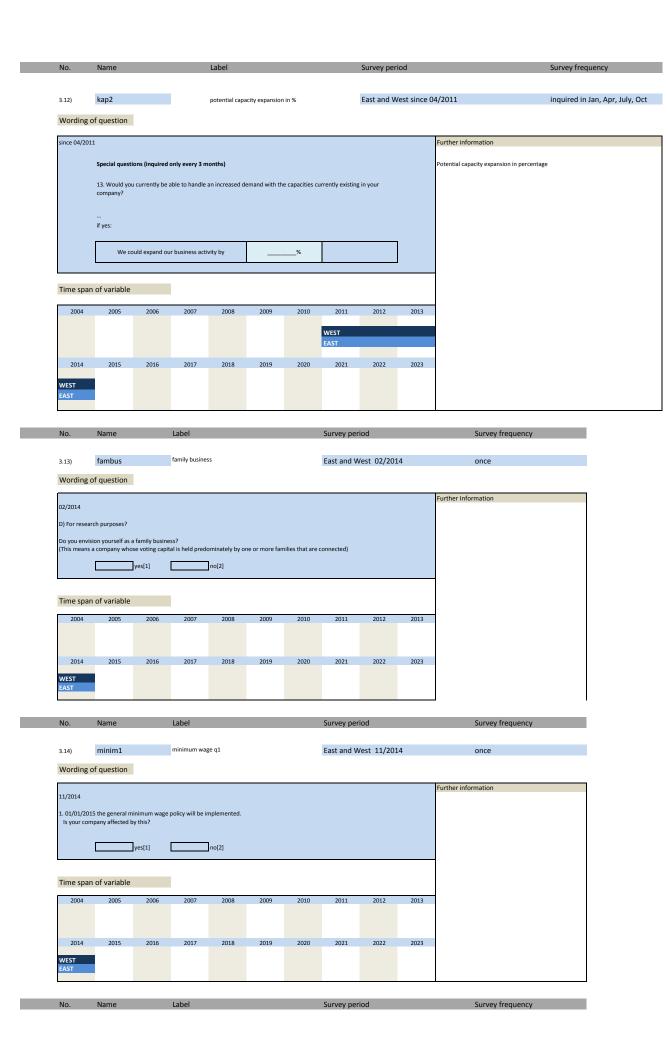


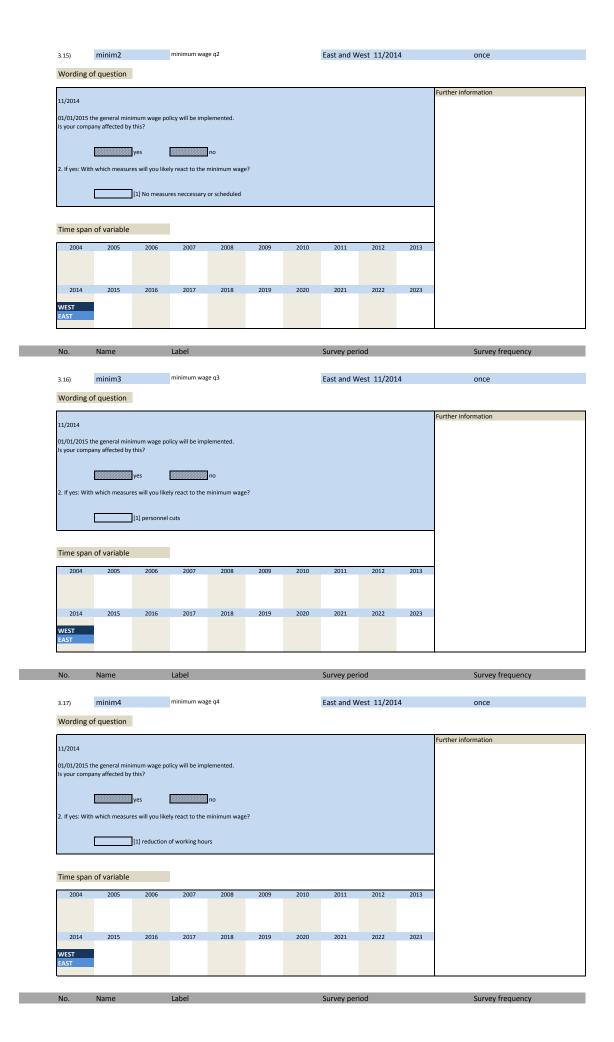
No.	Name			Label				Survey per	riod		Survey frequency		
3.9)	invest			ersus previous y	ear		East and West in 04/2			inquired once			
Nording o	East and West sin								Vest since 0	e 05/2006 inquired in May, November			
April 2005	+	May since 2006								Further information			
										Development of investments last year compared to the year before			
	Special quest (only in May and	ion investment November)	ts							*Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests			
					Π		1	1					
					highe	r [1]							
	S1. Last year	S1. Last year our investments* were (20XX** compared to 20YY**)			about the	same [2]				**			
					lowe	r [3]				"20WW" means current year Example: If the question was posed in November 2009, "20WW"="2009".			
										the question was posed in reoveniber 2009, 2009 vs - 2009.			
	ember									"20XX" means last year			
2006	5 - 2008									Example: if the question was posed	in May 2009, "20XX"="2008".		
		ion investment	ts										
	(only in May and	November)						_		"20YY" means two years ago Example: if the question was posed	in May 2000 "2000"="2007"		
					increase [1]					Example. If the question was posed	III Way 2005, 2011 - 2007 .		
	S1. In the	current year ou	ur investments*	will likely									
	(20WW**comp	ared to 20XX**)		·							
					decrease[3]								
Nov	ember												
since	e 2009												
	Special quest	ion investment	ts										
	(only in May and	November)											
		more [1]											
	S1. In the cu	ırrent year our	investments* v	vill likely be	as much as last year [2]								
	(:	20WW** comp	pared to 20XX**)									
ime span	of variable												
2004	2005	2000	2007	2000	2000	2010	2011	2012	2012				
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013				
	WEST EAST												
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023				
VEST													
AST													

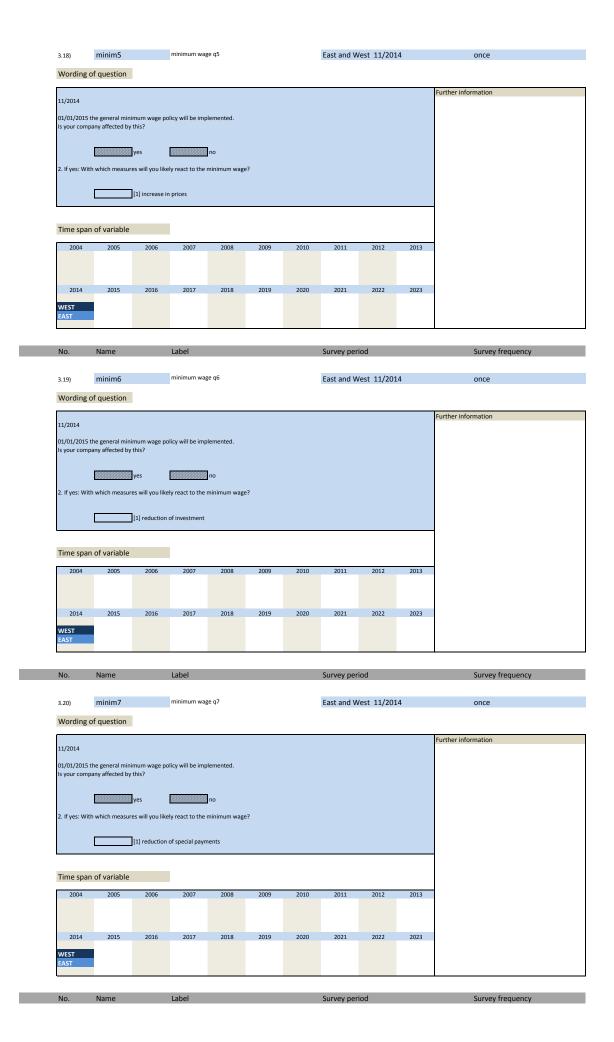


					merca.	E [±]					
	S2. <u>In the current year</u> our investments* will likely be (20WW** compared to 20XX**)				not changing [2]					** "20NN" means next year	
					decrea	sing [3]				Example: if the question was posed in November 2009, "20NN"="2010".	
)			
	ember				"20WW" means current year						
since	2006				Example: If the question was posed in November 2009, "20WW"="2009".						
	Special questi	on investment	ts								
	(only in May and	November)								"20XX" means last year	
										Example: if the question was posed in May 2009, "20XX"="2008".	
					increas	sing [1]					
	S2. Next yea	<u>r</u> our investme compared t	ents* will likely to 20WW**)	be (20NN**	not char	nging [2]					
					decrea	sing [3]					
Time snan	of variable										
Time span	OI VALIABLE										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
	WEST										
	EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

	Name Label							Survey per	iod	Survey frequency	
3.11)	kap1			potential of ex	xisting capacity			East and W	est since 0	inquired in Jan, Apr, Ju	
Wording	of question										
since 04/20	11									Further information	
	Special questi	ons (inquired	only every 3 m	onths)			yes [1]	no [2]		Potential of existing capacity	
	13. Would yo		able to handle rently existing		demand with tl ny?	he capacities					
									•		
Time spa	n of variable										
Time spa	2005	2006	2007	2008	2009	2010	2011	2012	2013		
		2006	2007	2008	2009		2011 WEST EAST	2012	2013		
		2006	2007	2008	2009		WEST	2012	2013		







3.21)	minim8		minimum wag	ge q8			East and W	est 11/201/	4	once
Wording o	of question									
11/2014										Further information
	he general minir any affected by		licy will be imp	lemented.						
				, i						
2. If yes: With	n which measure	es will you like	ly react to the i	minimum wage	?					
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										