

# List of variables

## **Ifo Business Survey Industry**

Data: 1/1980-12/2014

As of May 2015

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## List of variables - test of economic cycle - manufacturing industry

### 1. Variables of identification

2. Standard questions

3. Special questions

### 1. Variables of identification

No.	Name	Label	German description
1.1)	westeast	western eastern	Unterscheidet zwischen West- und Ost- Erhebung
1.2)	month	month	Erhebungsmonat
1.3)	year	year	Erhebungsjahr
1.4)	prodnum	ifo-productnumber	ifo Produktnummer, 4-stellig
1.5)	runnum	running number of plant	Laufende Firmennummer
1.6)	weight	weight	Gewicht
1.7)	sypro	sypronumber	Sypronummer
1.8)	fedstaifo	federal state (ifo-code)	Bundesland entsprechend ifo Codierung
1.9)	plantnum	KT and INNO information containing id	11-stellige Identifikationsnummer
1.10)	testid	test sheet id	Testfragebogen id
1.11)	idnum	KT and INNO firm adressfile id	Firmenidentifikationsnummer
1.12)	latecomer	latecomer	Nachzügler
1.13)	sector_wz93	sector (number)	Sektor, Wirtschaftszweig(-nummer) 1993
1.14)	sector_wz08	sector (number)	Sektor, Wirtschaftszweig(-nummer) 2008
Variables	regarding the survey process		
1.15)	online	online	Fragebogen online beantwortet
1.16)	survey start	survey start	Umfragebeginn
1.17)	survey end	survey end	Umfrageende
1.18)	participation date	participation date	Teilnahmedatum
1.19)	participation hour	participation hour	Teilnahmestunde
1.20)	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)	provpm	production versus previous month	Produktion im Vergleich zum Vormonat
2.3)	stin	stock of inventories	Beurteilung des Bestand an Fertigwaren
2.4)	demand	situation of demand	Nachfragesituation gegenüber dem Vormonat
2.5)	ordvpm	orders versus previous month	Auftragsbestand gegenüber dem Vormonat
2.6)	orders	orders (appraisal)	Beurteilung des aktuellen Auftragsbestands
2.7)	pricevpm	domestic prices of sale versus previous month	Inländische Verkaufspreise
2.8)	proexp	expected production	Erwartete Inländische Produktionstätigkeit
2.9)	priceexp	expected domestic prices	Erwartete inländische Verkaufspreise
2.10)	expexp	expected export trade	Erwarteter Exporthandel
2.11)	comexp	expected commercial operations	Erwarteter Geschäftslage
2.12)	foreord	foreign orders (appraisal)	Bestand an Auslandsaufträgen
2.13)	salesexp	sales expectancy	Erwarteter Umsatz
2.14)	emplexp*	expected employees	Erwartete Entwicklung der Gesamtbeschäftigtenzahl
2.15)	pro_vpq	production vs. previous 2-3 months	Produktionstätigkeit in den vorangegangenen Monaten
2.16)	demand_vpq	situation of dmand vs. previous 2-3 months	Nachfragesituation in den vorangegangenen Monaten
2.17)	ord_vpq	orders vs. previous 2-3 months	Auftragsbestand in den vorangegangenen Monaten
2.18)	price_vpq	domestic prices of sale vs. previous 2-3 months	Inlandsverkaufspreise in den vorangegangenen Monaten
2.19)	credit**	credit allocation	Kreditvergabe
2.20)	statebus_sl	state of business (VAS)	Beurteilung der Geschäftslage (VAS)
2.21)	comexp_sl	expected commercial (VAS)	Erwartete Geschäftslage (VAS)

\*special question until 06/1997. See 3.13) \*\*special question until 08/2008. See 3.48)

### 3. Special questions

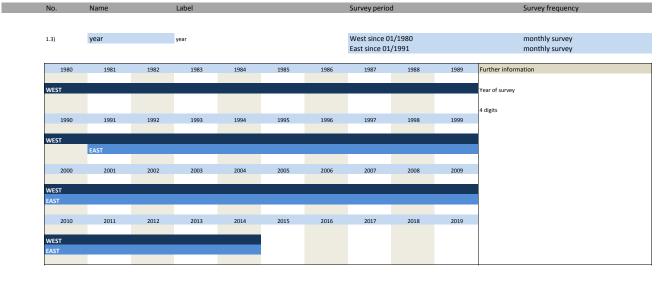
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3.70)	csal_nqwc_v	values: worst case//percentage change of sales in field xy - next quarter	Wertangabe: Umsatzveränderung im nächsten Quartal in Bereich XY (worst case)
3.71)	psalinc	probability of sales increase - next quarter	Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
3.72)	psalinc_min	lower bound: probability of sales increase - next quarter	Angegebene Untergrenze: Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Ouartal
3.73)	psalinc_max	upper bound: probability of sales increase - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines steigenden Umsatzes im
3.74)	psalinc sv	single value: probability of sales increase - next quarter	nächsten Quartal Einzelwert: Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
	psalstead	probability of steady sales - next quarter	Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
3.75)			Angegebene Untergrenze: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im
3.76)	psalstead_min	lower bound: probability of steady sales - next quarter	nächsten Quartal
3.77)	psalstead_max	upper bound: probability of steady sales - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
3.78)	psalstead_sv	single value: probability of steady sales - next quarter	Einzelwert: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
3.79)	psaldec	probability of sales decrease - next quarter	Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
3.80)	psaldec_min	lower bound: probability of sales decrease - next quarter	Angegebene Untergrenze: Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Ouartal
3.81)	psaldec max	upper bound: probability of sales decrease - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines sinkenden Umsatzes im nächst
	· -	single value: probability of sales decrease - next quarter	Quartal Einzelwert: Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
3.82)	psaldec_sv		
3.83)	inf_heat	influence of heatwaves on value added	Auswirkung von Hitzewellen auf die Wertschöpfung
3.84)	inf_cold	influence of cold waves on value added	Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung
3.85)	inf_drou	influence of drought on value added	Auswirkung von Trockenheit auf die Wertschöpfung
3.86)	inf_rain	influence of heavy rainfall on value added	Auswirkung von Starkniederschlag auf die Wertschöpfung
3.87)	inf_storm	influence of storms on value added	Auswirkung von Stürmen auf die Wertschöpfung
3.88)	einf_pur	expected influence of climate change on purchases	Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf
3.89)	einf_prod	expected influence of climate change on production	Erwartete Auswirkungen des Klimawandels auf den Bereich Produktion
3.90)	einf_sal	expected influence of climate change on sales	Erwartete Auswirkungen des Klimawandels auf den Bereich Absatz
3.91)	einf_wast	expected influence of climate change on waste management	Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung
3.92)	einf_log	expected influence of climate change on logistics	Erwartete Auswirkungen des Klimawandels auf den Bereich Logistik
3.93)	einf_inno	expected influence of climate change on innovations	Erwartete Auswirkungen des Klimawandels auf den Bereich Innovation
3.94)	einf_pers	expected influence of climate change on personnel	Erwartete Auswirkungen des Klimawandels auf den Bereich Personal
3.95)	flight ger	importance of flight connections in Germany	Bedeutung von Flugverbindungen zu Zielen in Deutschland
3.96)	flight eur	importance of flight connections in Europe	Bedeutung von Flugverbindungen zu Zielen in Europa
3.97)	flight world	importance of flight connections worldwide	Bedeutung von Flugverbindungen zu Zielen weltweit
3.98)		return on sales: surplus (category)	
	surp_cat	return on sales: surplus	Jahresüberschuss (Kategorie)
3.99)	ros_surp		Jahresüberschuss
3.100)	loss_cat	return on sales: loss (category)	Jahresverlust (Kategorie)
3.101)	ros_loss	return on sales: loss	Jahresverlust
3.102)	russia1	Russia/Ukraine conflict q1	Russland/Ukraine-Konflikt Frage 1
3.103)	russia2	Russia/Ukraine conflict q2	Russland/Ukraine-Konflikt Frage 2
3.104)	russia3	Russia/Ukraine conflict q3	Russland/Ukraine-Konflikt Frage 3
3.105)	russia4	Russia/Ukraine conflict q4	Russland/Ukraine-Konflikt Frage 4
3.106)	russia5	Russia/Ukraine conflict q5	Russland/Ukraine-Konflikt Frage 5
3.107)	russia6	Russia/Ukraine conflict q6	Russland/Ukraine-Konflikt Frage 6
3.108)	russia7	Russia/Ukraine conflict q7	Russland/Ukraine-Konflikt Frage 7
.109)	russia8	Russia/Ukraine conflict q8	Russland/Ukraine-Konflikt Frage 8
3.110)	fambus	family business	Familienunternehemen
8.110) 8.111)	minim1	minimum wage q1	Mindestlohn Frage 1
8.112)		minimum wage q2	-
	minim2	minimum wage q2 minimum wage q3	Mindestlohn Frage 2
3.113)	minim3		Mindestlohn Frage 3
3.114)	minim4	minimum wage q4	Mindestlohn Frage 4
3.115)	minim5	minimum wage q5	Mindestlohn Frage 5
3.116)	minim6	minimum wage q6	Mindestlohn Frage 6
3.117)	minim7	minimum wage q7	Mindestlohn Frage 7
5.117)		minimum wage q8	

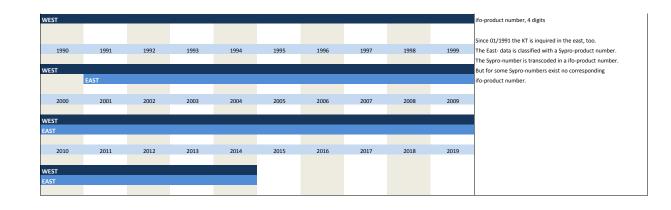
\*standard question since 07/1997. See 2.14) \*\*standard question since 08/2008. See 2.19)

	1. Variables of	dentificatio	'n							
No.	Name		Label				Survey perio	d		Survey frequency
1.1)	westeast		western eastern				West since 0 East since 01			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST									-	Differenciates between eastern and western survey
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

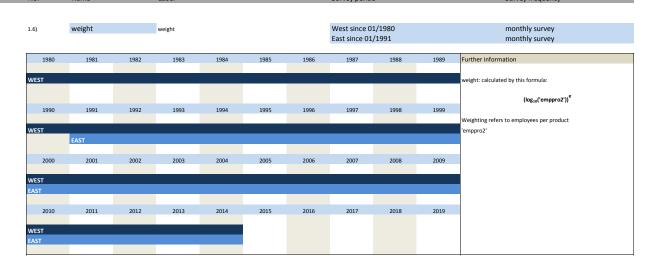
2)	month		month				West since 0 East since 01			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
VEST										Month of survey
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
/EST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
/EST										
AST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
/EST										
AST										

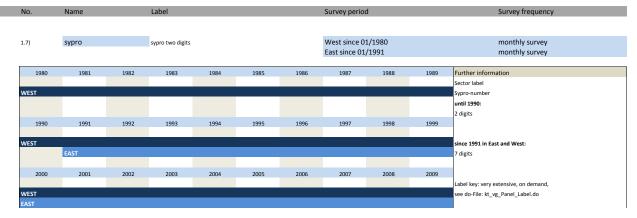


No.	Name		Label				Survey perio	d		Survey frequency
1.4)	prodnum		ifo-product numb	ber			West since 0			monthly survey
							East since 01	/1991		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information



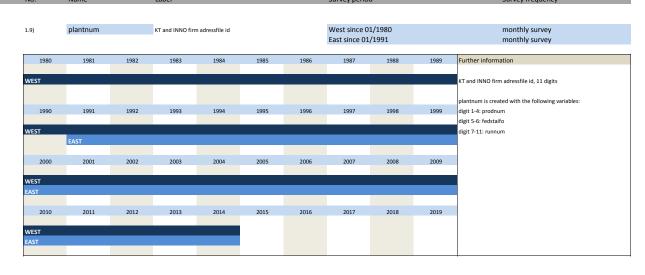


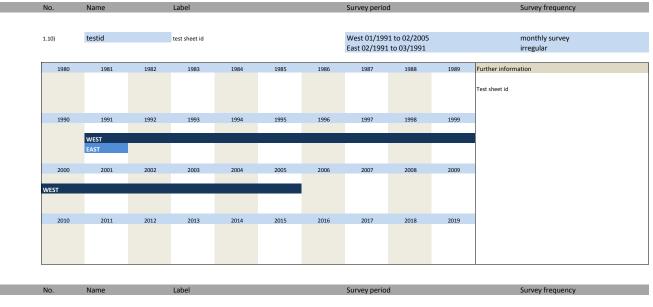




2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	_								
WEST									
EAST									



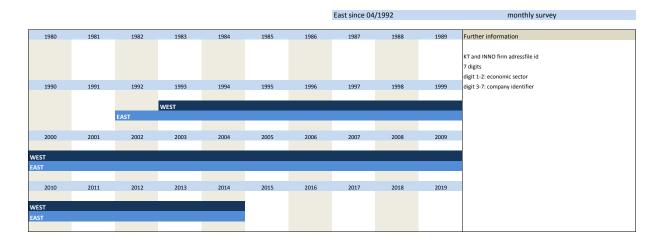




1.11) idnum KT and INNO firm adressfile id

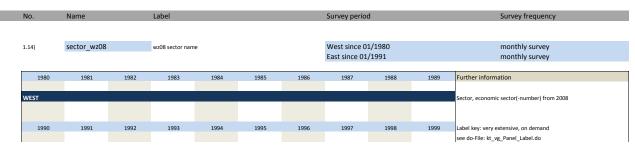
West since 04/1993

monthly survey

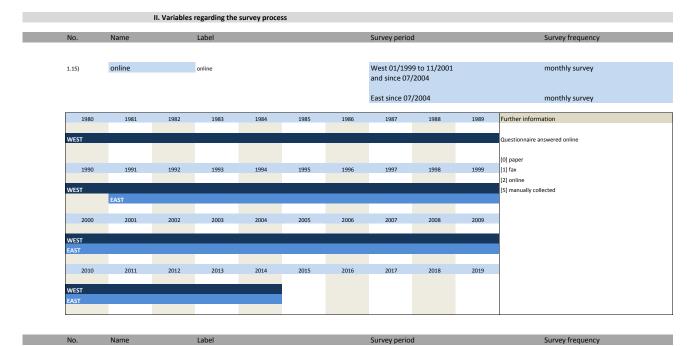


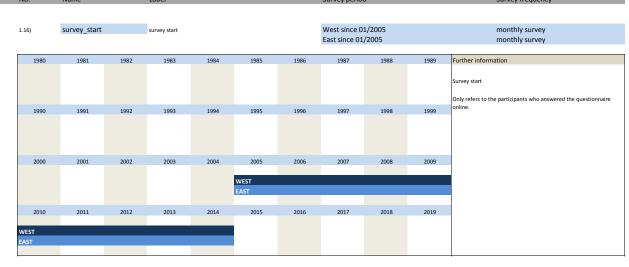
NO.	Name		Label				Survey perio	Ju		Survey frequency
L.12)	latecomer		latecomer				West 01/19	98 to 12/2001		monthly survey
							and 08/2008	8 to 03/2011		
							Fast dises Of	1/1000 +- 12/2	004	and the second sec
									001	monthly survey
							anu 08/2008	5 (0 03/2011		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Latecomer
										[1] N=latecomer
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
										01/2002 to 07/2008 The data of the variable latecomer is not fed in, as a double occupancy of the
								CHOT		corresponding column exists in the dataset
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
								LAUT		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
LAST C										
	12) 1980 1990 2000 VVEST AST	.12) latecomer 1980 1981 1980 1981 1990 1991 2000 2001 VEST 2010 2011 WEST	L2) Iatecomer 1980 1981 1982 1980 1981 1982 1990 1991 1992 2000 2001 2002 2000 2001 2002 VEST 2010 2012 VEST 2010 2012	12)     latecomer     latecomer       1980     1981     1982     1983       1980     1981     1982     1983       1990     1991     1992     1993       2000     2001     2002     2003       VEST     2010     2012     2013       WEST     1000     1001     2012     2013	1.12)     latecomer       1980     1981       1980     1981       1980     1981       1990     1991       1990     1991       1990     2001       2000     2001       2000     2001       2010     2012       2010     2012       2010     2014	1.22)     latecomer       1980     1981       1980     1981       1980     1981       1990     1991       1990     1991       1990     2001       2000     2001       2010     2011       2010     2011       2010     2011	1.12)       latecomer         1980       1981       1982       1983       1984       1985       1986         1990       1991       1992       1993       1994       1995       1996         1990       1991       1992       1993       1994       1995       1996         2000       2001       2002       2003       2004       2005       2006         VEST       2010       2011       2012       2013       2014       2015       2016	Intercomer       West 01/19 and 08/200         East since 0 and 08/200       East since 0 and 08/200         1980       1981       1982       1983       1984       1985       1986       1987         1990       1991       1992       1993       1994       1995       1996       1997         2000       2001       2002       2003       2004       2005       2006       2007         VEST       2010       2011       2012       2013       2014       2015       2016       2017	.12)       latecomer       latecomer       West 01/1998 to 12/2011 and 08/2008 to 03/2011         1980       1981       1982       1983       1984       1985       1986       1987       1988         1990       1991       1992       1993       1994       1995       1996       1997       1988         1990       1991       1992       1993       1994       1995       1996       1997       1998         2000       2001       2002       2003       2004       2005       2006       2007       2008         VEST	.12)       latecomer       latecomer       West 01/1998 to 12/2001 and 08/2008 to 03/2011         1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         VEST       2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         VEST

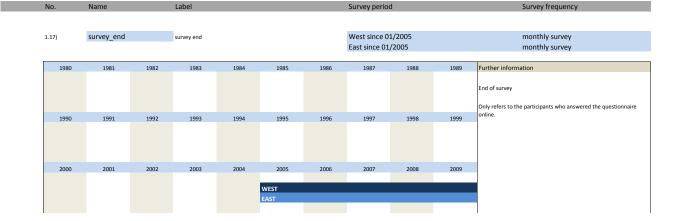
No.	Name		Label				Survey perio	d		Survey frequency
1.13)	sector_wz93		wz93 sector nam	e			West since 0	1/1980		monthly survey
	_						East since 01			monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										Sector, economic sector(-number) 1993
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Label key: very extensive, on demand,
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	see do-File: kt_vg_Panel_Label.do
WEST										see do-me. kt_vg_ranet_tabel.do
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	204.2	0040	2014	2015	2016	2017	2010	2019	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										



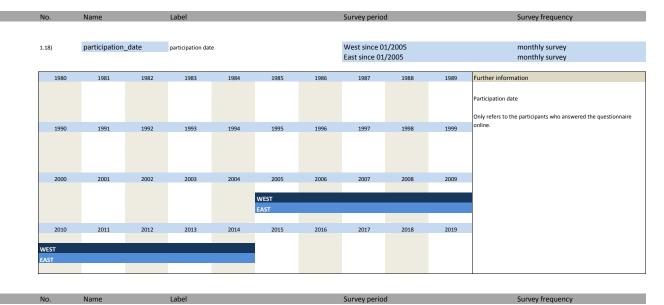
WEST									
	EAST								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
WEST									
EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST									
EAST									

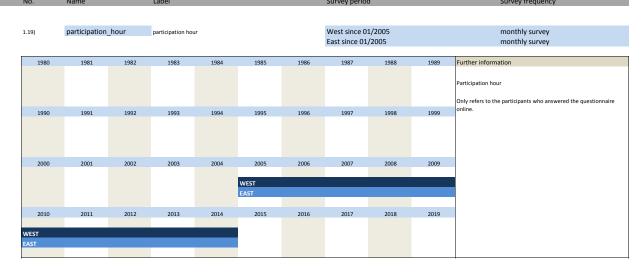






2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST									
EAST									

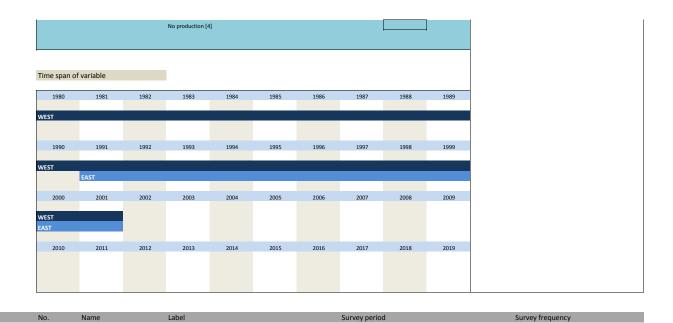




No.	Name		Label				Survey perio	d		Survey frequency
								1/2005		
1.20)	participation	_status	participation stat	us			West since 0 East since 01			monthly survey monthly survey
							Lust since of	,2005		montally survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Participation status
										Only refers to the participants who answered the questionnaire
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	online.
										<ol> <li>finished</li> <li>reworked</li> <li>completed</li> </ol>
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	[4] saved
					WEST EAST		-			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										

		estions								
No.	Name		Label				Survey perio	d		Survey frequency
2.1)	statebus		state of buisness	s (appraisal)			West since 0 East since 01			monthly survey monthly survey
Wording of	question						Lust since of	,1551		montiny survey
01/1991 to 11/2	(2001									Further information
	ires for the East ava	ilable								Appraisal of the state of business
01/1980 to 11/2	2001									
We currently e	valuate our state of	f business for XY	' to be							
			good [1]			]	_			
			satisfiable (seaso bad [3]	onal) [2]				T		
01/2002 to 02/2										
	on and tendencies valuate our state of	f business for XY	' to be							
			good [1]			1				
			satisfiable [2] bad [3]					1		
			good [1]			٦				
			good [1] satisfiable [2] bad [3]			]	<u> </u>	]		
Time span o	of variable		satisfiable [2]			<u> </u>	<u> </u>	]		
Time span o	of variable	1982	satisfiable [2]	1984	1985	1986	1987	1988	1989	
		1982	satisfiable [2] bad [3]	1984	1985	1986	1987	1988	1989	
1980 WEST	1981		satisfiable [2] bad [3] 1983							
1980 WEST 1990		1982	satisfiable [2] bad [3]	1984	1985	1986	1987	1988	1989	
1980 WEST	1981		satisfiable [2] bad [3] 1983							
1980 WEST 1990	1981		satisfiable [2] bad [3] 1983							
1980 WEST 1990 WEST 2000	1981 1991 EAST	1992	satisfiable [2] bad [3] 1983 1993	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST	1981 1991 EAST	1992	satisfiable [2] bad [3] 1983 1993	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST	1981 1991 EAST	1992	satisfiable [2] bad [3] 1983 1993	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST EAST	1981 1991 EAST 2001	1992 2002	satisfiable [2] bad [3] 1983 1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 WEST 1990 WEST 2000 WEST EAST 2010	1981 1991 EAST 2001	1992 2002	satisfiable [2] bad [3] 1983 1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 WEST 1990 WEST 2000 WEST EAST 2010	1981 1991 EAST 2001	1992 2002	satisfiable [2] bad [3] 1983 1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 WEST 1990 WEST 2000 WEST EAST 2010	1981 1991 EAST 2001	1992 2002	satisfiable [2] bad [3] 1983 1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008 2018	1999 2009	Survey frequency

	East 01/1991 to 11/2001	monthly survey
Wording of question		
01/1991 to 11/2001		Further information
01/1551 (0 11/2001		Production compared to previous month
No questionnaires for the East available		
		Because of the alignment of the survey periods
		by the European Union, the question is
01/1980 to 06/1994		continued by the variable
Compared to previous month our domestic production of XY was		2.15) pro_vpq from 01/2002 on
compared to previous month our domestic production of XT was		In the english translation of the value label there is a linguistic, but
more active [1]		not a contentual divergence before 1990.
not changed [2]	7	
less active [3]		
07/1994 to 11/2001		
Compared to previous month the activity of our domestic production of XY was		
more [1]		
not changed [2]	<u>+</u>	
less [3]		



stin West since 01/1980 monthly survey 2.3) stock of inventories East since 01/1991 monthly survey Wording of question Further information 01/1991 to 11/2001 oppraisal of the stock of inventories No questionnaires for the East available 01/2002 and 02/2002 \*Current situation and tendencies 01/1980 to 11/1992 \*addition "current" In the english translation of the value label there is a linguistic, but not a contentual divergence before 1990. We currently evaluate our stock of unsold finished goods to be too little [1] enough [2] too much [3] no stock-keeping [4] 12/1992 to 11/2001 Ne currently evaluate our stock of unsold finished goods to be too little [1] enough [2] too much [3] no stock-keeping [4] ince 01/2002 Current situation\* We evaluate our (current)\*\* stock of unsold finished goods to be too little [1] enough [2] too much [3] no stock-keeping [4] Time span of variable 1984 1980 1982 1981 1983 1985 1986 1987 1988 1989 WEST 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 WEST EAST 2001 2009 2002 2003 2004 2005 2006 2007 2008 2000 WEST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST

No.	Name		Label				Survey period	t		Survey frequency
2.4)	demand		situation of dem	and			West 01/198	0 to 11/2001		monthly survey
			situation of den	lanu			East 01/1991			monthly survey
Wording of c	question									1
01/1991 to 11/2	2001									Further information
No questionnair	res for the East ava	ilable								Situation of demand compared to previous month Because of the alignment of the survey periods
										by the European Union, the question is
01/1980 to 06/1										continued by the variable 2.16) demand_vpq from 01/2002 on
Compared to pre	evious month the s	ituation of den	nand (domestic and	I foreign demand	) for XY is	-				
			better [1] not changed [2]				]			
			worse [3]							
07/1994 to 11/2										
Compared to pre	evious month the s	situation of dem	hand for XY is							
			better [1] not changed [2]				1			
			worse [3]			<u> </u>				
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST					_					
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey period	4		Survey frequency
										,,
2.5)	ordvpm		orders versus pr	evious month			West 01/198			monthly survey
Wording of c	question						East 01/1991	to 11/2001		monthly survey
										Further information
01/1991 to 11/2										Orders versus previous month
no questionnair	res for the East ava	liable								Because of the alignment of the survey periods
	1980									by the European Union, the question is continued by the variable
01/1980 to 12/1						or of value*)				2.17) ord_vpq from 01/2002 on
	evious month our o	order backlog (d	lomestic and foreig	n orders) for XY	is currently (in tern	is of value j				
	evious month our o	order backlog (d		n orders) for XY i	is currently (in tern					*The addition "in terms of value" is only
01/1980 to 12/1 Compared to pre	evious month our o	order backlog (o	higher [1] as high as norm		is currently (in tern		]			*The addition "in terms of value" is only added in the months 01/03/04/05/09/10
	evious month our o	order backlog (c	higher [1]	al [2]	is currently (in tern		]	[	]	

mpared to previous month our or	der backlog (in terms of value, domestic and f	oreign orders) for XY is currently
	higher [1] as high as normal [2] lower [3] stock-keeping not usual [4]	
ince 01/1983 to 06/1994		
since 01/1983 to 06/1994 Compared to previous month our or	der backlog (in terms of value, domestic and f	oreign orders) for XY is currently
		oreign orders) for XY is currently
	higher [1]	oreign orders) for XY is currently
		oreign orders) for XY is currently

Compared to p	revious month our	order backlog (	in terms of value) fo	r XY is currently						
			higher [1] as high as norma lower [3]	I [2]			]	[		
since 07/1997 t	to 11/2001									
Compared to p	revious month our	order backlog c	of domestic and fore	ign orders (in ter	ms of value) for XY	is currently				
			higher [1] as high as norma	I [2]			]	I		
			lower [3]							_
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey period	ł		Survey frequency
26)	orders		orders (appraisa	)			West since 0 East since 01			monthly survey monthly survey
Wording of	question									

01/1991 to 11/2001 No questionnaires for the East available 01/1980 to 12/1982 We currently evaluate our order backlog (domesti	c and foreign orders) to be relatively high [1] (e.g. extended time of delivery) enough [2] too small [3] not usual [4]	appraisal of the current order backlog 01/2002 and 02/2002 *Instead of "Current situation" >*Current situation and tendencies" **addition "current" since 01/1994 inquired for east and west
01/1983 to 06/1994 We currently evaluate our order backlog (domesti	c and foreign orders) to be relatively high [1] (e.g. extended time of delivery) enough [2] or not customary too small [3]	
07/1994 to 06/1997 We currently evaluate our order backlog	relatively high [1] (e.g. extended time of delivery) enough [2] or not customary too small [3]	
07/1997 to 11/2001 We currently evaluate our order backlog (domesti	c and foreign orders) to be relatively high [1] (e.g. extended time of delivery) enough [2]	

			too small [3]		L	1				
since 01/2002 Current situation We evaluate out	on* Ir (current**) order	r backlog for XY 1	to be							
			relatively high [1]			total				
			(e.g. extended time o			1				
			enough [2] or not customary			]				
			too small [3]							_
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST	_				_					
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										
No	Nome		Labal				Current paria	.al		Current framman
No.	Name		Label		-		Survey perio	d		Survey frequency
No. 2.7)	Name pricevpm		Label domestic prices of	f sale versus pre	evious month		West 01/198	30 to 11/2001		monthly survey
	pricevpm	1	_	f sale versus pro	evious month			30 to 11/2001		
2.7) Wording of	pricevpm question		_	f sale versus pro	evious month		West 01/198	30 to 11/2001		monthly survey
2.7) Wording of	pricevpm question	ailable	_	f sale versus pro	evious month		West 01/198	30 to 11/2001		monthly survey monthly survey
2.7) Wording of	pricevpm question	ailable	_	f sale versus pro	evious month		West 01/198	30 to 11/2001		monthly survey monthly survey Further information Domestic prices of sale versus previous month Because of the alignment of the survey periods
2.7) Wording of 01/1991 to 11/2 No questionnai	pricevpm question		_	f sale versus pro	evious month		West 01/198	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Wording of 01/1991 to 11/ No questionnai 01/1980, 04/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19	980	_			Ywere	West 01/198	30 to 11/2001		monthly survey monthly survey Further information Domestic prices of sale versus previous month Because of the alignment of the survey periods by the European Union, the question is
2.7) Wording of 01/1991 to 11/ No questionnai 01/1980, 04/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19	980	domestic prices of		into account - for X	Y were follow up orders iso "since stock-orde	West 01/198 East 01/199	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Wording of 01/1991 to 11/ No questionnai 01/1980, 04/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19	980	domestic prices of	s in conditions i	into account - for X	follow up orders	West 01/198 East 01/199	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Wording of 01/1991 to 11/ No questionnai 01/1980, 04/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19	980 domestic sale pr	domestic prices of ices - taking changes	s in conditions i	into account - for X	follow up orders	West 01/198 East 01/199	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Wording of 01/1991 to 11/ No questionnai 01/1980, 04/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19	980 domestic sale pr increased [1]	domestic prices of ices - taking changes	s in conditions i	into account - for X	follow up orders	West 01/198 East 01/199	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Wording of 01/1991 to 11/ No questionnai 01/1980, 04/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19	980 domestic sale pr increased [1] not changed [2]	domestic prices of ices - taking changes	s in conditions i	into account - for X	follow up orders	West 01/198 East 01/199	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Wording of 01/1991 to 11/. No questionnai 01/1980, 04/19 Compared to pi	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19	980 domestic sale pr increased [1] not changed [2] decreased [3]	domestic prices of ices - taking changes	s in conditions i	into account - for X	follow up orders	West 01/198 East 01/199	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Vording of 01/1991 to 11/ No questionnal 01/1980, 04/19 Compared to pi 02/1980, 03/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19 revious month our	980 domestic sale pr increased [1] not changed [2] decreased [3] /1980, 11/1980 to	domestic prices of ices - taking changes	s in conditions i egular orders	into account - for X (a	follow up orders	West 01/199 East 01/199:	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Vording of 01/1991 to 11/ No questionnal 01/1980, 04/19 Compared to pi 02/1980, 03/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19 revious month our	980 domestic sale pr increased [1] not changed [2] decreased [3] /1980, 11/1980 to	domestic prices of ices - taking changer r ) 0 09/1991 rrices (net-prices) - ta	s in conditions i egular orders	into account - for X (a	follow up orders	West 01/199 East 01/199:	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Vording of 01/1991 to 11/ No questionnal 01/1980, 04/19 Compared to pi 02/1980, 03/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19 revious month our	980 domestic sale pr increased [1] not changed [2] decreased [3] /1980, 11/1980 to	domestic prices of ices - taking changes r 0 09/1991 rices (net-prices) - ta increased [1] not changed [2]	s in conditions i egular orders	into account - for X (a	follow up orders	West 01/199 East 01/199:	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Vording of 01/1991 to 11/ No questionnal 01/1980, 04/19 Compared to pi 02/1980, 03/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19 revious month our	980 domestic sale pr increased [1] not changed [2] decreased [3] /1980, 11/1980 to	domestic prices of ices - taking changes r 0 0 09/1991 rices (net-prices) - tr increased [1]	s in conditions i egular orders	into account - for X (a	follow up orders	West 01/199 East 01/199:	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Vording of 01/1991 to 11/ No questionnal 01/1980, 04/19 Compared to pi 02/1980, 03/19	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19 revious month our	980 domestic sale pr increased [1] not changed [2] decreased [3] /1980, 11/1980 to	domestic prices of ices - taking changes r 0 09/1991 rices (net-prices) - ta increased [1] not changed [2]	s in conditions i egular orders	into account - for X (a	follow up orders	West 01/199 East 01/199:	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
2.7) Wording of 01/1991 to 11/ No questionnal 01/1980, 04/19 Compared to pi 02/1980, 03/19 Compared to pi 10/1991 to 11/	pricevpm question 2001 res for the East ava 80, 05/1980, 10/19 revious month our 80, 06/1980 to 09/ revious month our	980 domestic sale pr increased [1] not changed [2] decreased [3] /1980, 11/1980 tr domestic sales p	domestic prices of ices - taking changes r 0 09/1991 rices (net-prices) - ta increased [1] not changed [2]	s in conditions i egular orders	into account - for X (a n conditions into a	follow up orders lso "since stock-orde	West 01/199: East 01/199: rs") ere	30 to 11/2001		Further information           Domestic prices of sale versus previous month           Because of the alignment of the survey periods           by the European Union, the question is           continued by the variable
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				decreased [3]			ļ		ļ	
1	Fime span o	f variable								
Γ	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	NECT									
Ň	NEST									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
١	NEST									
		EAST								

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	WEST EAST									
	EAST									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
L										

#### No. Name Label Survey period Survey frequency 2.8) proexp expected production West since 01/1980 monthly survey East since 01/1991 monthly survey Wording of question Further information 01/1991 to 11/2001 Expected domestic production No questionnaires for the East available \* 04/1991 to 01/1993 "fall" instead of "decrease" 01/1980 to 06/1994 During the next 3 months our domestic production is expected to be [...] in cyclical regards therefore with elimination of purely seasonal fluctuations increasing [1] not changing [2] decreasing\* [3] 07/1994 to 06/1997 During the next 3 months our domestic production is expected to [...] in cyclical regards ore with elimination of purely seasonal fluctuations increasing [1] not changing [2] decreasing\* [3] no production [4] 07/1997 to 11/2001 During the next 3 months our domestic production is expected to [...] in cyclical regards increasing [1] not changing [2] decreasing\* [3] no production [4] ince 01/2002 Expectations for the next 3 months Our domestic productions of XY is expected to increasing [1] not changing [2] decreasing\* [3] no production [4] Time span of variable 1982 1980 1981 1983 1984 1985 1986 1987 1988 1989 WEST 1991 1992 1993 1994 1995 1997 1998 1999 1990 1996 WEST EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST AS 2011 2013 2010 2012 2014 2015 2016 2017 2018 2019 WEST EAST

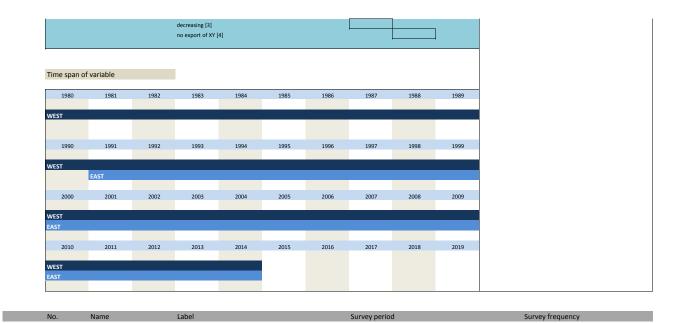
Seite 15

Survey period Survey frequency

No. Name Label

Automic procession Automic procession   Automic procession <	2.9)	priceexp		expected domes	tic prices			West since 0 East since 01			monthly survey monthly survey
<pre>NPUTYPE TANDED TO THE DECISION OF THE DEC</pre>	woraing of	question	]								Eurther information
Available of your Intermed 1 work to determine using 10 or			ilable								expected domestic prices
Aries aning [1] aning [2] aning	01/1980 to 05/	/1980									
action of changing [2]			nestic sales price	es for XY (only regu	lar orders) - takin	g changes in cond	litions into accou	nt - are expected to	o be		
action of changing [2]							_				
A province of a state				not changing [2]					]		
And give use it works are showned used if use i	06/1980 to 11/	/2001									
sing 13 indichaging [2]   sing 13 indichaging [2]   sing 13 indichaging [2]   sing 13 indichaging [2]   of denetits sing 16] (No for X- share) sing constraines into action int			nestic sales prici	es for XY (onvinetis	ales prices) - taki	ng changes in con	ditions into accor	int - are expected t	to		
and changing [2] and changing [2]   aire 0.1002   Becketonion for war balance (100)   Construction all and (100)   Construction all and (100)   And changing [2]   not changing [2]											
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Backets uses yokes (bet) with using (1)        The span of the backet is use yokes (bet) with using (2)      The span of the backet is use yokes (bet) with using (2)      The span of the backet is use yokes (bet) with using (2)      The span of the backet is use yokes (bet) with using (2)      The span of the backet is used (2)      The span of the backet is use yokes (bet) with using (2)      The span of the backet is used (2)       The span of the backet is used (2)      The span of the backet is used (2)       Th							·		I		
Base with a watches uses are set of with segret with se											
		or the next 3 month	15								
indicitinging [2]       indicitinging [2]       indicitinging [2]         infine span of wirable       indicitinging [2]       indicitinging [2]         1900       1981       1982       1983       1984       1985       1987       1988       1989         1900       1981       1982       1983       1984       1985       1987       1988       1989         1990       1991       1992       1993       1994       1995       1997       1998       1999         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         1990       1991       1992       2003       2004       2005       2007       2008       2009         WEST				anges in conditions	into account - wi	ll expectedly					
indic thanging [2]       indic thanging [2]       indic thanging [2]         indic thanging [2]       indic thanging [2]       indic thanging [2]         1900       1981       1982       1983       1984       1985       1987       1988       1989         1900       1981       1982       1983       1984       1985       1987       1988       1989         1990       1991       1992       1993       1994       1995       1987       1988       1999         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         1990       1991       1992       1993       2014       2015       2007       2008       2009         WEST							Г				
Time span of variable   199 1981 1982 1983 1984 1985 1987 1988 1987   199 1991 1992 1993 1994 1995 1996 1997 1998 1997   1900 1991 1992 1993 1994 1995 1996 1997 1998 1997   1000 2001 2002 2003 2004 2005 2006 2017 2008 2007   2010 2011 2012 2013 2014 2015 2016 2017 2018 2019   1010 2011 2012 2013 2014 2015 2016 2017 2018 2019   1010 1011 2012 2013 2014 2015 2016 2017 2018 2019   1011 2012 2013 2014 2015 2016 2017 2018 2019   1011 2012 2013 2014 2015 2016 2017 2018 2019   1011 2012 2013 2014 2015 2016 2017 2018 2019   1011 2012 2013 2014 2015 2016 2017 2018 2019   1011 2012 2013 2014 2015 2016 2017 2018 2019   1012 2014 2015 2014 2015 2016 2017 2018 2019   1013 1014 1014 1014 1014 1014 1014 1014   1014 <td></td> <td></td> <td></td> <td>not changing [2]</td> <td></td> <td></td> <td></td> <td>]</td> <td>т</td> <td></td> <td></td>				not changing [2]				]	т		
1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         1990       2001       2002       2003       2004       2005       2006       2007       2008       2009         WEST				falling [3]					1		
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in the second se	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
MEST CONTINUE AND	WEST										
MEST EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 MEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 MEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 MEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 MEST EAST 2010 2019 2019 2019 2019 2019 MEST EAST 2010 2019 2019 2019 2019 2019 2019 2019											
EAST   2000 2001 2002 2003 2004 2005 2006 2007 2008 2009   WEST   EAST   2010 2011 2012 2013 2014 2015 2016 2017 2018 2019   WEST   EAST   EAST   Construction   Note: The East statute in t	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
200 201 202 203 204 205 206 207 208 209   WEST EXT 2012 2013 2014 2015 2016 2017 2018 2019   WEST EXT 2012 2013 2014 2015 2016 2017 2018 2019	WEST	EAST									
West   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019      West   Kast   Label     Survey period   Survey frequency      Survey frequency        Survey frequency	2000		2002	2002	2004	2005	2006	2007	2008	2009	
EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2014 2015 2016 2017 2018 2019 2019 2019 2019 2019 2019 2019 2019		2001	2002	2003	2004	2003	2000	2007	2008	2005	
WEST   EAST     No.   Name   Label   Survey period   Survey frequency   Particle   2.10)   expexp   expected export trade   West since 01/1980   monthly survey   monthly survey   monthly survey   monthly survey   monthly survey   Wording of question     01/1991 to 11/2001     putter information   expected export trade											
EAST INDICATE A CONSTRUCT OF THE East available Construct of t	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST INDICATE SURVEY PERIOD IN PARTICIPANT IN PARTI	WEST										
2.10) expexp expected export trade West since 01/1980 monthly survey monthly surv											
2.10) expexp expected export trade West since 01/1980 monthly survey monthly surv											ł
East since 01/1991     monthly survey       Wording of question     Further information       01/1991 to 11/2001     expected export trade       01/1980 to 11/2001     Image: Comparison of the East available	No.	Name		Label				Survey perio	d		Survey frequency
East since 01/1991     monthly survey       Wording of question     Further information       01/1991 to 11/2001     expected export trade       01/1980 to 11/2001     Image: Comparison of the East available				_							
Wording of question     Further information       01/1991 to 11/2001     expected export trade       No questionnaires for the East available     expected export trade	2.10)	expexp		expected export	trade						
01/1991 to 11/2001 No questionnaires for the East available 01/1980 to 11/2001											
No questionnaires for the East available expected export trade	Wording of	question									
											Further information
	01/1991 to 11/	/2001	ilable								
During the next 3 months the extent of our exports - taking former export deals and running order negotiations into account - is expected to	01/1991 to 11/	/2001	ilable								
	01/1991 to 11/ No questionna	/2001 ires for the East ava	ilable								
	01/1991 to 11/ No questionna 01/1980 to 11/	/2001 ires for the East ava /2001		ts - taking former e	xport deals and r	unning order nego	otiations into acco	ount - is expected t	10		

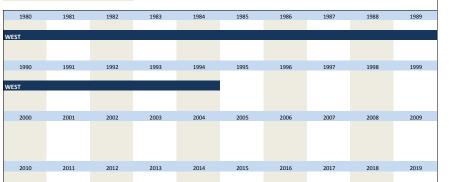
builing the next 5 months the extent of our exports	taking former export deals and fa			
	increasing [1] not changing [2] decreasing [3] no export [4]			
since 01/2002 Expectations for the next 3 months During the next 3 months the extent of our exports -	taking former export deals and ru	nning order negotiations into accou	nt - is expected to	
	increasing [1] not changing [2]			



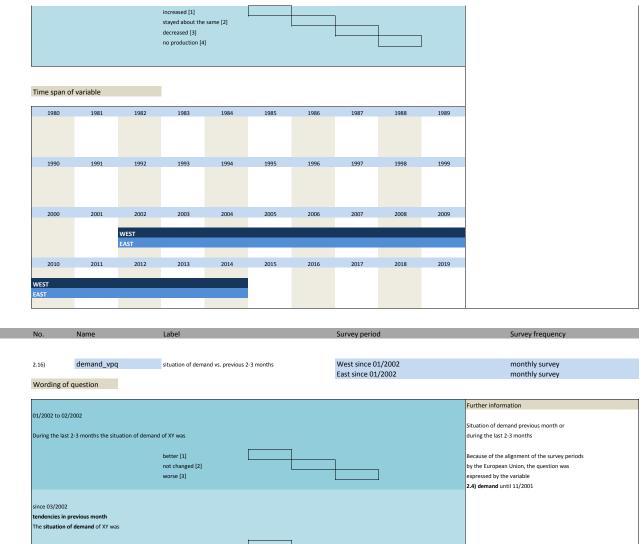
2.11) Wording of	comexp f question		expected commen	cial operations			West since 0 East since 01			monthly survey monthly survey
										Further information
01/1991 to 11	/2001 aires for the East ava	ilabla								Expected commercial operations
NO QUESTIONIA	alles for the cast ava	mable								
01/1980 to 06	/1997									
During the nex	xt 6 months our com	mercial operation	ns for XY will be []	in cyclical rega	rds, therefore by el	liminating purely	seasonal fluctuat	ions		
			favourable [1] not changing [2] unfavourable [3]				]	]		
07/1997 to 11	/2001									
During the nex	xt 6 months our com	mercial operation	ns for XY will be []	in cyclical rega	rds					
			favourable [1]				1			
			not changing [2] unfavourable [3]		ļ			I		
	for the next 6 month ards our commercial		Y will be favourable [1] not changing [2] unfavourable [3]				]	Ι		
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST	-									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST										
WEST EAST										

			foreign orders (appraisal)				West since 0 East since 01			monthly survey monthly survey		
Wording of	question											
01/1991 to 11/	/2001									Further information		
	ires for the East ava	ailable								Appraisal of foreign orders		
										01/2002 and 02/2002 *instead of "Current situation"		
01/1980 to 11/	/2001									→"Current situation and tendencies"		
We consider o	ur foreign order bac	cklog for XY curre	ently to be							**addition "current"		
			relatively high [1 (e.g. extended time enough [2]									
			too small [3] no export XY [4]									
	i <b>on*</b> ur (current**) foreij	gn order backlog	to be relatively high [1 enough [2] or not customary too small [3] no export XY [4]			for export						
Time span o	1981	1982	1983	1984	1985	1986	1987	1988	1989			
		1982	1983	1984	1985	1986	1987	1988	1989			
1980		1982	1983	1984	1985	1986	1987	1988	1989			
1980		1982	1983	1984	1985	1986	1987	1988	1989			
1980 WEST	1981											
1980 WEST 1990 WEST	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999			
1980 WEST 1990 WEST 2000	1981											
1980 WEST 1990 WEST 2000 WEST	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999			
1980 WEST 1990 WEST 2000 WEST EAST	1981 1991 EAST 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009			
1980 WEST 1990 WEST 2000 WEST EAST 2010	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999			
1980 WEST 1990 WEST 2000 WEST EAST	1981 1991 EAST 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009			
1980 WEST 1990 WEST 2000 WEST EAST 2010 WEST	1981 1991 EAST 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009			
1980 WEST 1990 WEST 2000 WEST EAST EAST EAST	1981 1991 EAST 2001 2011	1992 2002	1993 2003 2013	1994 2004	1995 2005	1996 2006	1997 2007 2017	2008	1999 2009	Survey frequency		
1980 WEST 1990 WEST 2000 WEST EAST 2010	1981 1991 EAST 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	2008	1999 2009	Survey frequency		

Wording of question		
		Further information
01/1980 to 06/1994 During the next 3 months our (domestic and foreign) s	sales of YY will expectedly be	Sales expectancy
		Inquired for food and luxury food industries
	aising [1] not changing [2]	
	alling [3]	
in terms of quantity compared to the corresponding p	period of previous year	
Time span of variable		



-										
No.	Name		Label				Survey perio	d		Survey frequency
2.14)	emplexp		expected emplo	yees			West 01/198 and since 07	30 to 04/1997 /1997		quarterly survey monthly survey
Wording of	question						East since 01	/1991		monthly survey
										Further information
01/1991 to 11/	2001									Expected development of the total number of
No questionnai	ires for the East a	vailable								employees
01/1980 to 04/	1997									*10/1980 to 10/1993 the question has the same structure for the west in October as
During the next		oanies) Imber of employee Seasonal fluctuation		production of XY	will be in cyc	lical regards,				the question of the variable "empl". see 3.14) was a special question until 06/1997. see 3.13)
therefore by er	initiating purely s	increasing [1]	13 -		1					
		not changing [2] decreasing [3]					ב			
07/1997 to 11/	2001									
Employees (on	ly domestic comp	anies)								
		imber of employee	s assigned to the	production of XY	will be					
		increasing [1]				-				
		not changing [2] decreasing [3]								
since 01/2002										
	or the next 3 mon ly domestic comp									
		ned to the producti	on of XY will be							
		increasing [1]			٦					
						_				
		not changing [2]					1			
						<u> </u>	]			
		not changing [2]					]			
Time span c	of variable	not changing [2]	1			]	]			
Time span c	of variable	not changing [2]	1983	1984	1985	1986	1987	1988	1989	
		not changing [2] decreasing [3]	1	1984	1985	1986	1987	1988	1989	
1980 WEST	1981	not changing [2] decreasing [3] 1982	1983							
1980		not changing [2] decreasing [3]	1	1984	1985	1986	1987	1988	1989 1999	
1980 WEST	1981	not changing [2] decreasing [3] 1982	1983							
1980 WEST 1990 WEST	1981 1991 EAST	not changing [2] decreasing [3] 1982 1982 1992	1983	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000	1981	not changing [2] decreasing [3] 1982	1983							
1980 WEST 1990 WEST	1981 1991 EAST	not changing [2] decreasing [3] 1982 1982 1992	1983	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST EAST	1981 1991 EAST 2001	not changing [2] decreasing [3]	1983 1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 WEST 1990 WEST 2000 WEST EAST 2010	1981 1991 EAST	not changing [2] decreasing [3] 1982 1982 1992	1983	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST EAST	1981 1991 EAST 2001	not changing [2] decreasing [3]	1983 1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 WEST 1990 WEST 2000 WEST 2010 WEST	1981 1991 EAST 2001	not changing [2] decreasing [3]	1983 1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 WEST 1990 WEST 2000 WEST 2010 WEST	1981 1991 EAST 2001	not changing [2] decreasing [3]	1983 1993 2003	1994 2004	1995 2005	1996 2006	1997 2007 2017	1998 2008 2018	1999 2009	Survey frequency
1980 WEST 1990 WEST 2000 WEST EAST WEST EAST	1981 1991 EAST 2001 2011	not changing [2] decreasing [3]	1983 1993 2003 2013	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008 2018	1999 2009	Survey frequency
1980 WEST 1990 WEST 2000 WEST EAST WEST EAST	1981 1991 EAST 2001 2011	not changing [2] decreasing [3]	1983 1993 2003 2013 Label	1994 2004	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey
1980 WEST 1990 WEST 2000 WEST EAST EAST NO.	1981 1991 EAST 2001 2011 Name	not changing [2] decreasing [3]	1983 1993 2003 2013 Label	2004	2005	1996 2006	2007 2017 Survey perio	1998 2008 2018 d	1999 2009	
1980 WEST 2000 WEST 2000 WEST 2010 WEST EAST No. 2.15)	1981 1991 EAST 2001 2011 Name	not changing [2] decreasing [3]	1983 1993 2003 2013 Label	2004	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey monthly survey
1980 WEST 2000 WEST 2000 WEST 2010 WEST EAST No. 2.15)	1981 1991 EAST 2001 2011 Name pro_vpq question	not changing [2] decreasing [3]	1983 1993 2003 2013 Label	2004	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey monthly survey Further information
1980 WEST 2000 WEST 2010 WEST EAST NO. 2.15) Wording of 01/2002 to 02/	1981 1991 EAST 2001 2001 Name pro_vpq question	not changing [2] decreasing [3]	1983 1993 2003 2013 2013 production vs. p	2004	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey monthly survey
1980 WEST 2000 WEST 2010 WEST EAST NO. 2.15) Wording of 01/2002 to 02/	1981 1991 EAST 2001 2001 Name pro_vpq question	not changing [2] decreasing [3]	1983 1993 2003 2013 2013 100 100 100 100 100 100 100 100 100	2004	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey monthly survey Further information production in previous month or during the last 2-3 months
1980 WEST 2000 WEST 2010 WEST EAST NO. 2.15) Wording of 01/2002 to 02/	1981 1991 EAST 2001 2001 Name pro_vpq question	not changing [2] decreasing [3]	1983 1993 2003 2013 2013 2013 production vs. p	1994 2004 2014	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey monthly survey Further information production in previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was
1980 WEST 2000 WEST 2010 WEST EAST NO. 2.15) Wording of 01/2002 to 02/	1981 1991 EAST 2001 2001 Name pro_vpq question	not changing [2] decreasing [3]	1983 1993 2003 2013 2013 Label production vs. p	1994 2004 2014	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey monthly survey Further information production in previous month or during the last 2-3 months Because of the alignment of the survey periods
1980 WEST 2000 WEST 2010 WEST EAST NO. 2.15) Wording of 01/2002 to 02/	1981 1991 EAST 2001 2001 Name pro_vpq question	not changing [2] decreasing [3]	1983 1993 2003 2003 2013 2013 production vs. p n of XY became more active [1] not changed [2] less active [3]	1994 2004 2014	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey monthly survey Further information production in previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
1980 WEST 2000 WEST 2010 WEST EAST NO. 2.15) Wording of 01/2002 to 02/	1981 1991 EAST 2001 2001 Name pro_vpq question	not changing [2] decreasing [3]	1983 1993 2003 2003 2013 2013 production vs. p n of XY became more active [1] not changed [2] less active [3]	1994 2004 2014	2005	1996 2006	1997 2007 2017 Survey perio	1998 2008 2018 d	1999 2009	monthly survey monthly survey Further information production in previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable



better [1] not changed [2] worse [3] Time span of variable 1982 1983 1989 1980 1981 1984 1985 1986 1987 1988 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999

2001 2002 2003 2005 2007 2009 2004 2006 2008 WEST EAST 2011 2013 2012 2014 2015 2016 2017 2018 2019

2000

2010

WEST EAST

No. Name Survey period Survey frequency Label West since 01/2002 monthly survey ord\_vpq 2.17) orders vs. previous 2-3 months East since 01/2002 monthly survey Wording of question Further information 01/2002 to 02/2002 Orders last month or During the last 2-3 months our order backlog (domestic and foreign orders, in terms of value) for XY was during the last 2-3 months Г higher [1] ecause of the alignment of the survey periods

		about the same [ lower [3]	[2]	ļ			]			by the European Union, the question was expressed by the variable 2.5) ordvpm until 11/2001.
since 03/2002 <b>tendencies in pr</b> Our order backle		foreign orders, in t	terms of value) fo	r XY was						
		higher [1] about the same [ lower [3]	[2]			]	]			
Time span o	f variable		I							
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
		WEST EAST								
2010 WEST	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST										
No.	Name		Label				Survey perio	d		Survey frequency
2.18)	price_vpq		domestic prices	of sale vs. previous	s 2-3 months		West since 0	1/2002		monthly survey
Wording of							East since 01			monthly survey
01/2002/ to 02/										Further information Domestic prices of sale previous month or
		et-) domestic sales		re [] taking chang increased [1] not changed [2] decreased [3]	ges in conditions	into account	]	[	]	
during the last 2 since 03/2002 tendencies in pr	2-3 months our (n revious month	et-) domestic sales	ing changes in cor	increased [1] not changed [2] decreased [3]		into account	<u> </u>	T	]	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr	2-3 months our (n revious month estic sales prices fr		ing changes in cor	increased [1] not changed [2] decreased [3] nditions into account increased [1] not changed [2]		into account	<u> </u>	T	]	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr Our (net-) dome	2-3 months our (n revious month estic sales prices fr		ing changes in cor	increased [1] not changed [2] decreased [3] nditions into account increased [1] not changed [2]		into account	1987	1988	]	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr Our (net-) dome	2-3 months our (n revious month estic sales prices fo f variable	or XY were [] taki	ing changes in cor	increased [1] not changed [2] decreased [3] nditions into accou- increased [1] not changed [2] decreased [3]	int		1987	1988	]	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr Our (net-) dome	2-3 months our (n revious month estic sales prices fo f variable	or XY were [] taki	ing changes in cor	increased [1] not changed [2] decreased [3] nditions into accou- increased [1] not changed [2] decreased [3]	int		1987	1988	1989	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr Our (net-) dome Time span o 1980	2-3 months our (n revious month estic sales prices fo f variable 1981 1991	or XY were [] taki 1982 1992	ing changes in cor	increased [1] not changed [2] decreased [3] not changed [1] not changed [2] decreased [3]	int 1985 1995	1986	1997	1 <del>9</del> 98	1999	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr Our (net-) dome Time span o 1980	2-3 months our (n revious month estic sales prices fr f variable 1981	or XY were [] taki 1982 1992 2002	ing changes in cor	increased [1] not changed [2] decreased [3] nditions into accou- increased [1] not changed [2] decreased [3]	unt 1985	1986				Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr Our (net-) dome 1980 1990 2000	2-3 months our (n revious month estic sales prices fo f variable 1981 1991 2001	or XY were [] taki 1982 1992 2002 WEST EAST	ing changes in cor 1983 1993 2003	increased [1] not changed [2] decreased [3] not changed [2] decreased [1] not changed [2] decreased [3]	int 1985 1995 2005	1986	1997 2007	1998 2008	1999 2009	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr Our (net-) dome Time span o 1980	2-3 months our (n revious month estic sales prices fo f variable 1981 1991	or XY were [] taki 1982 1992 2002	ing changes in cor	increased [1] not changed [2] decreased [3] not changed [1] not changed [2] decreased [3]	int 1985 1995	1986	1997	1 <del>9</del> 98	1999	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable
during the last 2 since 03/2002 tendencies in pr Our (net-) dome 1980 1990 2000 2010 WEST EAST	2-3 months our (n revious month estic sales prices fo f variable 1981 1991 2001 2011	or XY were [] taki 1982 1992 2002 WEST EAST	ing changes in cor 1983 1993 2003 2013	increased [1] not changed [2] decreased [3] not changed [2] decreased [1] not changed [2] decreased [3]	int 1985 1995 2005	1986	2007	2008	1999 2009	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable 2.7) pricevpm until 11/2001
during the last 2 since 03/2002 tendencies in pr Our (net-) dome 1980 1990 2000 2000 2010 WEST	2-3 months our (n revious month estic sales prices fo f variable 1981 1991 2001 2001 2011 2011	or XY were [] taki 1982 1992 2002 WEST EAST	ing changes in cor 1983 1993 2003	increased [1] not changed [2] decreased [3] not changed [2] decreased [1] not changed [2] decreased [3]	int 1985 1995 2005	1986	1997 2007 2017 Survey perio	1998 2008 2018	2009	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable 2.7) pricevpm until 11/2001
during the last 2 since 03/2002 tendencies in pr Our (net-) dome 1980 1990 2000 2010 WEST EAST	2-3 months our (n revious month estic sales prices fo f variable 1981 1991 2001 2011	or XY were [] taki 1982 1992 2002 WEST EAST	ing changes in cor 1983 1993 2003 2013	increased [1] not changed [2] decreased [3] not changed [1] not changed [2] decreased [3] 1984 1984 2004 2004	int 1985 1995 2005	1986	1997 2007 2017 Survey perio	1998 2008 2018 d	2009	Domestic prices of sale previous month or during the last 2-3 months Because of the alignment of the survey periods by the European Union, the question was expressed by the variable 2.7) pricevpm until 11/2001

	question									
since 07/2003 How do you ev	aluate the current	accomodating [ normal [2]		s to businesses?	]	]	1			Further information credit allocation 2003: June, August was a special question until 08/2008. see 3.48)
		reserved [3]								
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1550	1551	1552	1995	1554	1555	1550	1557	1556	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
			WEST EAST							
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										
No.	Name		Label				Survey perio	d		Survey frequency
2.20)	statebus_sl		state of business	(VAS)			West since 0			monthly survey
							East since 08	/2005		monthly survey
Wording of	question									Posta a financial a
since 08/2005										Further information
since 08/2005 Current situati		s to be								Further information Appraisal of the state of business (VAS)
since 08/2005 Current situati	on	; to be   0-bad			tisfiable		100-good			
since 08/2005 Current situati	on	l				l				
since 08/2005 Current situati We consider or	on ur state of business	l	the variable <b>2.1) st</b> a							
since 08/2005 Current situati	on ur state of business	l	the variable <b>2.1) st</b>							
since 08/2005 Current situati We consider or	on ur state of business	l	the variable <b>2.1) st</b>			d based on a visu		1988	1989	
since 08/2005 Current situatii We consider or Time span o	on ur state of business of variable	I O-bad Other than I		atebus the state of	of business is rated		al analog scale		1989	
since 08/2005 Current situatii We consider or Time span o	on ur state of business of variable	I O-bad Other than I		atebus the state of	of business is rated		al analog scale		1989	
since 08/2005 Current situati We consider or Time span c	on ur state of business of variable 1981	0-bad Other than 1 1982	1983	atebus the state of the state o	of business is rated	1986	ial analog scale	1988		
since 08/2005 Current situati We consider or Time span c	on ur state of business of variable 1981	0-bad Other than 1 1982	1983	atebus the state of the state o	of business is rated	1986	ial analog scale	1988		
since 08/2005 Current situati We consider or Time span of 1980	on ur state of business of variable 1981 1991	0-bad Other than 1 1982 1992	1983	1984 1994	1985 1995 2005 WEST	1986 1996	1987 1997	1988	1999	
since 08/2005 Current situati We consider or Time span of 1980 1990 2000	on ur state of business of variable 1981 1991 2001	0-bad Other than 1 1982 1992 2002	1983 1993 2003	1984 1994 2004	1985 1995 2005 WEST EAST	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	
since 08/2005 Current situati We consider or 1980 1990 2000 2010	on ur state of business of variable 1981 1991	0-bad Other than 1 1982 1992	1983	1984 1994	1985 1995 2005 WEST	1986 1996	1987 1997	1988	1999	
since 08/2005 Current situati We consider or Time span of 1980 1990 2000	on ur state of business of variable 1981 1991 2001	0-bad Other than 1 1982 1992 2002	1983 1993 2003	1984 1994 2004	1985 1995 2005 WEST EAST	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	
since 08/2005 Current situati We consider or 1980 1990 2000 2010 WEST EAST	on ur state of business of variable 1981 1991 1991 2001 2001	0-bad Other than 1 1982 1992 2002	1983 1993 2003 2013	1984 1994 2004	1985 1995 2005 WEST EAST	1986 1996 2006	al analog scale	1988 1998 2008 2018	1999 2009	Appraisal of the state of business (VAS)
since 08/2005 Current situati We consider or 1980 1990 2000 2010 WEST	on ur state of business of variable 1981 1991 2001	0-bad Other than 1 1982 1992 2002	1983 1993 2003	1984 1994 2004	1985 1995 2005 WEST EAST	1986 1996 2006	1987 1997 2007	1988 1998 2008 2018	1999 2009	
since 08/2005 Current situati We consider or 1980 1990 2000 2010 WEST EAST	on ur state of business of variable 1981 1991 1991 2001 2001	0-bad Other than 1 1982 1992 2002	1983 1993 2003 2013	atebus the state of 1984 1994 1994 2004 2014 2014 2014 2014 2014 2014 201	1985 1995 2005 WEST EAST	1986 1996 2006	al analog scale	1988 1998 2008 2018 d	1999 2009	Appraisal of the state of business (VAS)
since 08/2005 Current situati We consider or 1980 1990 2000 2010 WEST EAST No. 2.21)	on ur state of business of variable 1981 1991 2001 2001 2001 2011 2011 2011 201	0-bad Other than 1 1982 1992 2002	1983 1993 2003 2013 Label	atebus the state of 1984 1994 1994 2004 2014 2014 2014 2014 2014 2014 201	1985 1995 2005 WEST EAST	1986 1996 2006	al analog scale	1988 1998 2008 2018 d	1999 2009	Appraisal of the state of business (VAS)
since 08/2005 Current situati We consider or 1980 1990 2000 2010 WEST EAST NO.	on ur state of business of variable 1981 1991 2001 2001 2001 2011 2011 2011 201	0-bad Other than 1 1982 1992 2002	1983 1993 2003 2013 Label	atebus the state of 1984 1994 1994 2004 2014 2014 2014 2014 2014 2014 201	1985 1995 2005 WEST EAST	1986 1996 2006	al analog scale	1988 1998 2008 2018 d	1999 2009	Appraisal of the state of business (VAS)

		0- be rather less favourable		50-stay ab	out the same	100-rather	more favourable			
		Other than the variable 2.11) comexp the expect		exp the expecte	ted commercial is rated based on a visual analog scale					
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
					WEST EAST					
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										
LAST										

	<ol> <li>Special quest</li> </ol>	lions							
No.	Name		Label			Survey period	1		Survey frequency
3.1)	ranord		range of orders in month	s		West 03/1980 East 07/1992 East 12/1993	to 07/1993		Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec
Wording of	question					East and Wes	t since 01/200	12	Jan, Apr, Jul, Oct
07/1992 to 09/	/2001								Further information
No questionna	ires for the East av	vailable							range of orders in months * since 01/2002
03/1980 to 09/	/2001								instead of "currently" "momentarily"
Currently our c	order backlog for d	lelivery of XY equ	ates to a production duration	on of					
	no backlog	up to a	about month(s) 4 5 6 7 8 9 10	for more than 10, ple state number of months	ase				
since 01/2002									
Momentarily o	our order backlog fo	or delivery of XY	equates to a production du	ration of					
	no backlog	up to a	about month(s) 4 5 6 7 8 <b>9</b> 10	for more than 10, ple state number of months	ase				
	Dacking			state number of months					
Time span o									
1980 WEST	1981	1982	1983 19	984 1985	1986	1987	1988	1989	
1990	1991	1992	1993 19	994 1995	1996	1997	1998	1999	
WEST		EAST	_						
2000	2001	2002	2003 20	2005	2006	2007	2008	2009	
WEST EAST									
2010	2011	2012	2013 20	2015	2016	2017	2018	2019	
WEST			_						
EAST									
No.	Name		Label			Survey period	1		Survey frequency
3.2)	uticappc		capacity utilization in %			West 03/198 East 07/1992 East 12/1993	to 07/1993 to 09/2001		Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec
3.2) Wording of		1	capacity utilization in %			West 03/198 East 07/1992 East 12/1993	to 07/1993	12	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct
	question	1	capacity utilization in %			West 03/198 East 07/1992 East 12/1993	to 07/1993 to 09/2001	12	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct Further information
Wording of 07/1992 to 09/	question	railable	capacity utilization in %			West 03/198 East 07/1992 East 12/1993	to 07/1993 to 09/2001	12	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct
Wording of 07/1992 to 09/	question /2001	vailable	capacity utilization in %			West 03/198 East 07/1992 East 12/1993	to 07/1993 to 09/2001	12	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct Further information Capacity utilization in %
Wording of 07/1992 to 09/ No questionnai since 03/1980	question /2001 ires for the East av			on normal for the company	= 100%) is up t	West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001	2	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Jan, Apr, Jul, Oct Further information Capacity utilization in % *09/94, 09/90, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002
Wording of 07/1992 to 09/ No questionnai since 03/1980	question /2001 ires for the East av	plants* to produ		more than 100%	= 100%) is up t	West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001	2	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct Further information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 Instead of "currently" "momentarily"
Wording of 07/1992 to 09/ No questionnai since 03/1980	question /2001 ires for the East av	plants* to produ	ce XY ( fuil capacity utilizati	more than 100%	= 100%) is up t	West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001	12	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct Further information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field
Wording of 07/1992 to 09/ No questionnai since 03/1980	question /2001 ires for the East av	plants* to produ	ce XY ( fuil capacity utilizati	more than 100%	= 100%) is up t	West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001	2	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Further information Capacity utilization in % *09/94, 09/05, 09/95, 09/95, 09/98, 09/95, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset
Wording of 07/1992 to 09/ No questionnal since 03/1980 Currently** the Time span o	question /2001 ires for the East av e utilization of our	plants* to produ 30 40 50 60 7	ce XY ( full capacity utilizati	more than 100% in fact:		West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001 t since 01/200		Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/95, 09/00, 09/01 addition "domestic plants" **since 01/2002 Instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 10% = handwritten entry
Wording of 07/1992 to 09/ No questionnai since 03/1980 Currently** the Time span o 1980	question /2001 ires for the East av e utilization of our	plants* to produ	ce XY ( full capacity utilizati	more than 100%	= 100%) is up t 1986	West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001	2	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry
Wording of 07/1992 to 09/ No questionnal since 03/1980 Currently** the Time span o	question /2001 ires for the East av e utilization of our	plants* to produ 30 40 50 60 7	ce XY ( full capacity utilizati	more than 100% in fact:		West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001 t since 01/200		Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry
Wording of 07/1992 to 09/ No questionnai since 03/1980 Currently** the Time span of 1980 WEST 1990	question /2001 ires for the East av e utilization of our	plants* to produ 30 40 50 60 7	ce XY ( full capacity utilizati 70 75 80 85 90 95 100	more than 100% in fact:		West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001 t since 01/200		Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry
Wording of 07/1992 to 09/ No questionnal since 03/1980 Currently** the Time span of 1980 WEST	question /2001 ires for the East av e utilization of our of variable 1981	plants* to produ 30 40 50 60 7	ce XY ( full capacity utilizati 70 75 80 85 90 95 100	more than 100% in fact:	1986	West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001 t since 01/200 1988	1989	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry
Wording of 07/1992 to 09/ No questionnai since 03/1980 Currently** the Time span of 1980 WEST 1990	question /2001 ires for the East av e utilization of our of variable 1981	plants* to produ 30 40 50 60 7 1982 1992	cce XY ( full capacity utilizati 70 75 80 85 90 95 100 1983 19 1993 19	more than 100% in fact:	1986	West 03/1980 East 07/1992 East 12/1993 East and Wes	to 07/1993 to 09/2001 t since 01/200 1988	1989	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/s4, 09/50, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry
Wording of 07/1992 to 05/ No questionnal since 03/1980 Currently** the 1980 WEST 1990 WEST 2000 WEST	question /2001 ires for the East av e utilization of our of variable 1981 1991	plants* to produ 30 40 50 60 7 1982 1992 EAST	ce XY ( full capacity utilizati 70 75 80 85 90 95 100 1983 19 1993 19	more than 100% in fact: 084 1985 094 1995	1986	West 03/1980 East 07/1992 East 12/1993 East and Wes 0 0	to 07/1993 to 09/2001 t since 01/200 1988	1989	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/s4, 09/50, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry
Wording of           07/1992 to 09/           No questionnal           since 03/1980           Currently** the           Time span of           1980           WEST           2000	question /2001 ires for the East av e utilization of our of variable 1981 1991	plants* to produ 30 40 50 60 7 1982 1992 EAST	ce XY { full capacity utilizati 70 75 80 85 90 95 100 1983 19 1983 19 2003 20	more than 100% in fact: 084 1985 094 1995	1986	West 03/1980 East 07/1992 East 12/1993 East and Wes 0 0	to 07/1993 to 09/2001 t since 01/200 1988	1989	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry
Wording of 07/1992 to 09/ No questionnal since 03/1980 Currently** the Currently** the 1980 WEST 2000 WEST EAST 2010 WEST	question /2001 ires for the East av e utilization of our of variable 1981 1991 2001	plants* to produ 30 40 50 60 7 1982 1982 EAST 2002	ce XY { full capacity utilizati 70 75 80 85 90 95 100 1983 19 1983 19 2003 20	more than 100% in fact: 1985 1994 1995 1004 2005	1986 1996 2006	West 03/1986 East 07/1992 East 12/1992 East and West o 0 1987 1997 2007	to 07/1993 to 09/2001 t since 01/200 1988 1998	1989 1999 2009	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/95, 09/00, 09/01 addition "domestic plants" **since 01/2002 Instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 10% = handwritten entry
Wording of           07/1992 to 09/           No questionnal           since 03/1980           Currently** the           Time span o           1980           WEST           2000           WEST           EAST           2010	question /2001 ires for the East av e utilization of our of variable 1981 1991 2001	plants* to produ 30 40 50 60 7 1982 1982 EAST 2002	ce XY { full capacity utilizati 70 75 80 85 90 95 100 1983 19 1983 19 2003 20	more than 100% in fact: 1985 1994 1995 1004 2005	1986 1996 2006	West 03/1986 East 07/1992 East 12/1992 East and West o 0 1987 1997 2007	to 07/1993 to 09/2001 t since 01/200 1988 1998	1989 1999 2009	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/95, 09/00, 09/01 addition "domestic plants" **since 01/2002 Instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 10% = handwritten entry
Wording of           07/1992 to 09/           No questionnal           since 03/1980           Currently** the           Time span o           1980           WEST           1990           WEST           2000           WEST           2010           WEST           2010	question /2001 ires for the East av e utilization of our of variable 1981 1981 2001 2001	plants* to produ 30 40 50 60 7 1982 1982 EAST 2002	ce XY { full capacity utilizati 70 75 80 85 90 95 100 1983 19 1983 19 2003 20 2013 20	more than 100% in fact: 1985 1994 1995 1004 2005	1986 1996 2006	West 03/1986 East 07/1992 East 12/1992 East and West o 0 1987 1997 2007 2017	to 07/1993 to 09/2001 t since 01/2002 1988 1998 2008 2018	1989 1999 2009	Mrch, Jul, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct
Wording of 07/1992 to 09/ No questionnal since 03/1980 Currently** the Currently** the 1980 WEST 2000 WEST EAST 2010 WEST	question /2001 ires for the East av e utilization of our of variable 1981 1991 2001	plants* to produ 30 40 50 60 7 1982 1982 EAST 2002	ce XY { full capacity utilizati 70 75 80 85 90 95 100 1983 19 1983 19 2003 20	more than 100% in fact: 1985 1994 1995 1004 2005	1986 1996 2006	West 03/198/ East 07/1992 East 12/1993 East and West o 1987 1997 2007 2007 2017 Survey period	to 07/1993 to 09/2001 t since 01/2001 1988 1998 2008 2018	1989 1999 2009	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Eurther information Capacity utilization in % *09/s4, 09/50, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry
Wording of           07/1992 to 09/           No questionnal           since 03/1980           Currently** the           Time span o           1980           WEST           1990           WEST           2000           WEST           2010           WEST           2010	question /2001 ires for the East av e utilization of our of variable 1981 1981 2001 2001	plants* to produ 30 40 50 60 7 1982 1982 EAST 2002	ce XY { full capacity utilizati 70 75 80 85 90 95 100 1983 19 1983 19 2003 20 2013 20	more than 100% in fact: 884 1985 994 1995 904 2005	1986 1996 2006	West 03/198/ East 07/1992 East 12/1993 East and West o 0 1987 1997 2007 2017 2017 Survey period West 03/198/	to 07/1993 to 09/2001 t since 01/2001 1998 1998 2008 2018 2018	1989 1999 2009	Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Sep, Dec Jan, Apr, Jul, Oct Further information Capacity utilization in % *09/94, 09/95, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry or if just ticked = [120] Survey frequency Mrch, Jun, Sep, Dec
Wording of 07/1992 to 09/ No questionnal since 03/1980 Currently** the Currently** the 1980 WEST 2000 WEST EAST 2010 WEST EAST	question /2001 ires for the East av e utilization of our f variable 2001 2001 2001 2001 2001 2001 2001 200	plants* to produ 30 40 50 60 7 1982 1982 EAST 2002	ce XY ( full capacity utilizati 70 75 80 85 90 95 100 1983 19 1983 19 2003 20 2013 20 Label	more than 100% in fact: 884 1985 994 1995 904 2005	1986 1996 2006	West 03/1986 East 07/1992 East 12/1993 East and West o 1987 1997 2007 2017 2017 2017 Survey period West 03/1988 East 07/1992 East 12/1993	to 07/1993 to 09/2001 t since 01/2002 1998 1998 2008 2018 2018 2018	1989 1999 2009 2019	Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct Further information Capacity utilization in % *09/94, 09/05, 09/96, 09/97, 09/98, 09/99, 09/00, 09/01 addition "domestic plants" **since 01/2002 instead of "currently" "momentarily" Coding in the dataset Number above the ticked field more than 100 % = handwritten entry or if just ticked = [120]

No questionnaires for the East available

Appraisal of the technical capacity

\*09/94, 09/95, 09/96, 09/97, 09/98

we consider our technical capacities* for XY												
Taking into account our current order backlog and the and the new orders we expect for the next 12 months our current technical capacities* we consider our technical capacities* for XY												
more than sufficient [1]												
more than sufficient [1] sufficient [2] not sufficient [3]												
Time span of variable												
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989												
WEST												
<u>1990 1991 1992 1993 1994 1995 1996 1997 1998 1999</u>												
WEST												
EAST												
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009												
WEST												
EAST												
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019												
WEST												
EAST												

Survey period

Survey frequency

No. Name Label

#### West since 01/1980 East 01/1991 to 12/2000 East since 01/2001 3.4) constrain constraints to production Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct Wording of question Further information 01/1991 to 10/2001 Constraints to production No questionnaires for the East available 01/1980 to 10/2001 Our domestic production of XY is currently constrained yes [1] no [2] since 01/2002 Our domestic production is currently constrained yes [1] no [2] Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 WEST 1990 1991 1995 1992 1993 1994 1996 1997 1998 1999 WEST EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

5)       ordlack       lack of orders       West since 01/1980       Jan, Apr, Jul, Oct         Fording of question       East von 01/1991 to 12/2000       Jan, Apr, Jul, Oct         /1991 to 10/2001       Lack of orders       **# at 01/1991 to 12/2000         /1980 to 10/2001       Instantion       Lack of orders         /1980 to 10/2001       insufficient orders* [1]       **# at 01/1991 to 12/2000         insufficient orders* [1]       insufficient orders*       *# at 01/1991 to 12/2000         insufficient orders* [1]       insufficient orders*       *# at 01/1991 to 12/2000         ur domestic production is currently constrained.       insufficient orders* [1]       **# at 01/1991 to 12/2000         ur domestic production is currently constrained.       insufficient orders* [1]       **# at 01/1991 to 12/2000         ur domestic production is currently constrained.       insufficient orders* [1]       **# at 01/1991 to 12/2000         ur domestic production is currently constrained.       insufficient orders* [1]       **# at 01/1991 to 12/2000         ur domestic production is currently constrained.       insufficient orders* [1]       **# at 01/1991 to 12/2000         1980       1981       1982       1984       1985       1987       1988       1989											
Image: Control of Question       East von 01/1991 to 12/2000 East since 01/2001       monthly survey Jan, Apr, Juli, Oct         1/991 to 10/2001       Image: Control of XY is currently constrained. If yes, by following factors: Insufficient orders* [1]       Image: Control of XY is currently constrained. If yes, by following factors: Insufficient orders* [1]       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Contr	No.	Name		Label				Survey perio	d		Survey frequency
Image: Control of Question       East von 01/1991 to 12/2000 East since 01/2001       monthly survey Jan, Apr, Juli, Oct         1/991 to 10/2001       Image: Control of XY is currently constrained. If yes, by following factors: Insufficient orders* [1]       Image: Control of XY is currently constrained. If yes, by following factors: Insufficient orders* [1]       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Contr											
Image: Control of Question       East von 01/1991 to 12/2000 East since 01/2001       monthly survey Jan, Apr, Juli, Oct         1/991 to 10/2001       Image: Control of XY is currently constrained. If yes, by following factors: Insufficient orders* [1]       Image: Control of XY is currently constrained. If yes, by following factors: Insufficient orders* [1]       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Control of XY is currently constrained. If yes, by following factors:       Image: Contr	3.5)	ordlack		lack of orders				West since 0	1/1980		lan Anr Iul Oct
tording of question       East since 01/2001       Jan, Apr., Juli, Oct         /1991 to 10/2001		ordiack		lack of orders						00	
/1991 to 10/2001       Inthe information         /1980 to 10/2001       Insufficient orders* [1]       Integration         insufficient orders* [1]       Integration       "ales difficulties"         insufficient orders* [1]       Integration       Integration         insufficient orders* [1]       Integratin	Nording of a	nuestion									
/491 to 10/2001		1							,		
a questionnaires for the East available       Lak of orders         /1980 to 10/2001       *Est 03/1991 to 12/2000         insufficient orders* [1]											Further information
a questionnaires for the East available       **st 01/1991 to 12/2000 Instand of "insufficient orders"         /1980 to 10/2001       insufficient orders" [1]	/1991 to 10/2	2001									Lask of orders
1/1920 to 10/2001       "statu 0/1/1920 to 12/2000 instatu of "statu 0/1/1920 to 12/2000 instatu of "statu 0/1/1920 instatu 0/1/1920 i	lo questionnaii	res for the East avai	ilable								Lack of orders
/1980 to 10/2001       "sales difficulties"         ar domestic production of XY is currently constrained. If yes, by following factors:       insufficient orders* [1]         insufficient orders* [1]											
ir domestic production of XY is currently constrained. If yes, by following factors: insufficient orders* [1] insufficient orders* [1] insuffici	A /4000 +- 40/	2004									
If yes, by following factors:         insufficient orders* [1]         insufficie	1/1980 10 10/2	2001									sales unitcutties
insufficient orders* [1]	Our domestic p			ined.							
nee 01/2002       ar domestic production is currently constrained. If yes, by following factors:       insufficient orders* [1]         me span of variable       insufficient orders* [1]       insufficient orders* [1]         1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         EST       Image: Constrained by the state of the state o		If yes, by followin	g factors:								
nee 01/2002       ar domestic production is currently constrained. If yes, by following factors:       insufficient orders* [1]         me span of variable       insufficient orders* [1]       insufficient orders* [1]         1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         EST       Image: Constrained by the state of the state o				insufficient orde	rc* [1]						
ir domestic production is currently constrained. If yes, by following factors: insufficient orders* [1] me span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 EST				insumeient of de	.5 [1]	II					
ir domestic production is currently constrained. If yes, by following factors: insufficient orders* [1] me span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 EST											
If yes, by following factors:         insufficient orders* [1]         me span of variable         1980       1981       1982       1984       1985       1986       1987       1988       1989         EST         EST	nce 01/2002										
insufficient orders* [1]	Our domestic p	roduction is current	tly constrained.								
me span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 EST		If yes, by followin	g factors:								
me span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 EST				incufficient orde	vo# [1]						
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 EST				insumcient or de	12.[1]	L					
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 EST											
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 EST											
EST EST	Time span of	t variable									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	WEST										
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999											
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	

WEST	r									
		EAST								
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	_									
WEST										
EAST										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
101503										
WEST										
EAST										

No.	Name		Label				Survey perio	d		Survey frequency
3.6)	mplack		lack of manpow	er			West 01/198	0 to 10/2001		Jan, Apr, Jul, Oct
							East 01/1991	to 12/2000		monthly survey
							East 01/2001	to 10/2001		Jan, Apr, Jul, Oct
Wording of	question									
										Further information
01/1991 to 10/	/2001									Lack of manpower
No questionna	aires for the East av	ailable								Lack of manpower
01/1980 to 10/	/1995									
Our domestic	production of XY is	currently constra	ined.							
	If yes, by followi									
			lack of manpow	ər [1]		1				
			lack of manpow	., [7]		1				
01/1996 to 10	)/2001									
Our domestic p	production of XY is If yes, by followi		ined.							
		0					-			
			lack of qualified	manpower [1]		L	1			
Time span o	of variable									
										-
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										
CAST										

								Survey period			
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

3.7)	matlack	lack of material	West since 01/1980	Jan, Apr, Jul, Oct
			East since 01/2001	Jan, Apr, Jul, Oct
Wording of q	uestion			

										Further information
01/2001 to 10/2	2001									Lack of material
No questionnair	res for the East av	ailable								
01/1980 to 10/2	2001									
Our domestic pr	roduction of XY is If yes, by followi		ained.							
			lack of raw mate pre-materials [1]							
since 01/2002										
Our domestic pr	roduction is curre									
	If yes, by followi	ng factors:								
			lack of raw mate							
			pre-materials [1]							
Fime span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	1501	1502	1505	1504	1505	1500	1507	1500	1505	
NEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
NEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
	EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name		Label							
3.8)	techcap		technical capaci	ity			West since 01			Jan, Apr, Jul, Oct
							East 01/1991			monthly survey
Wording of	question						East since 01/	/2001		Jan, Apr, Jul, Oct
										Further information
01/1991 to 10/	/2001									technical capacity
o questionna	ires for the East ava	ailable								
										*East 01/1991 to 12/2000 instead of "insufficient technical capacity"
01/1980 to 10/	/2001									"insufficient technical endowment"
Our domestic p	production of XY is	currently constra	iined.							
	If yes, by followi	ng factors:								
			insufficient tech	nical capacity* [1]						
since 01/2002										
Our domestic	production is curre									
	If yes, by following	ng factors:								
			insufficient tech	nnical capacity [1]						
<b></b> -	6									
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	1001	2002	2003	2004	2003	2000	2007	2003	2003	
WEST EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										
No.										Survey frequency
	Name		Label				Survey period	ł		
	Name		Label							
3.9)	Name bastlack		Label	ff			Survey period			Jan, Apr, Jul, Oct
	bastlack		_	ff						
	bastlack		_	ff						Jan, Apr, Jul, Oct
Wording of	bastlack question		_	ff						Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/	bastlack question /1995 production of XY is	currently constra	lack of back staf	ff						Jan, Apr, Jul, Oct
Wording of 10/1985 to 12/	bastlack question /1995	currently constra ng factors:	lack of back staf	f					_	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/	bastlack question /1995 production of XY is	currently constraining factors: lack of manpow	lack of back staf	f	1					Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/	bastlack question /1995 production of XY is	ng factors:	lack of back staf	ff	]					Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/	bastlack question /1995 production of XY is	ng factors:	lack of back staf	ff	]					Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Dur domestic p	bastlack question /1995 production of XY is. If yes, by followin	ng factors:	lack of back staf	f 	]					Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c	bastlack question /1995 production of XY is if yes, by followi	ng factors: lack of manpow	lack of back staf iined. er back staff [1]		1985	1986	West 10/198	5 to 10/1995	1989	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Dur domestic p	bastlack question /1995 production of XY is. If yes, by followin	ng factors:	lack of back staf	f  1984	1985	1986			1989	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c	bastlack question /1995 production of XY is if yes, by followi	ng factors: lack of manpow	lack of back staf iined. er back staff [1]		1985 WEST	1986	West 10/198	5 to 10/1995	1989	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span o 1980	bastlack question /1995 production of XY is if yes, by followin of variable 1981	ng factors: lack of manpow 1982	lack of back staf	1984	WEST		West 10/198	5 to 10/1995		Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980	bastlack question /1995 production of XY is if yes, by followi	ng factors: lack of manpow	lack of back staf iined. er back staff [1]		1985 WEST 1995	1986	West 10/198	5 to 10/1995	1989	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980	bastlack question /1995 production of XY is if yes, by followin of variable 1981	ng factors: lack of manpow 1982	lack of back staf	1984	WEST		West 10/198	5 to 10/1995		Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980 1990 WEST	bastlack question /1995 production of XY is if yes, by followin of variable 1981 1991	ng factors: lack of manpow 1982 1992	lack of back staf	1984	WEST 1995	1996	West 10/1985	5 to 10/1995	1999	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980	bastlack question /1995 production of XY is if yes, by followin of variable 1981	ng factors: lack of manpow 1982	lack of back staf	1984	WEST		West 10/198	5 to 10/1995		Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span o 1980 1990 WEST	bastlack question /1995 production of XY is if yes, by followin of variable 1981 1991	ng factors: lack of manpow 1982 1992	lack of back staf	1984	WEST 1995	1996	West 10/1985	5 to 10/1995	1999	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980 U990 WEST 2000	bastlack question /1995 production of XY is if yes, by followin 1981 1981 1991	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004	WEST 1995 2005	1996 2006	West 10/1983	5 to 10/1995	1999 2009	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980 1990 WEST	bastlack question /1995 production of XY is if yes, by followin of variable 1981 1991	ng factors: lack of manpow 1982 1992	lack of back staf	1984	WEST 1995	1996	West 10/1985	5 to 10/1995	1999	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980 1990 WEST 2000	bastlack question /1995 production of XY is if yes, by followin 1981 1981 1991	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004	WEST 1995 2005	1996 2006	West 10/1983	5 to 10/1995	1999 2009	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980 1990 WEST 2000	bastlack question /1995 production of XY is if yes, by followin 1981 1981 1991	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004	WEST 1995 2005	1996 2006	West 10/1983	5 to 10/1995	1999 2009	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p Time span c 1980 U990 WEST 2000	bastlack question /1995 production of XY is if yes, by followin 1981 1981 1991	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004	WEST 1995 2005	1996 2006	West 10/1983	5 to 10/1995	1999 2009	Jan, Apr, Jul, Oct Further information
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2000 2010	bastlack question /1995 production of XY is if yes, by followin 1981 1981 1991	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004	WEST 1995 2005	1996 2006	West 10/1983	5 to 10/1995 1988 1998 2008 2018	1999 2009	Jan, Apr, Jul, Oct Further information
Time span o 1980 1990 WEST 2000	bastlack question /1995 production of XY is if yes, by followin 1981 1991 1991 2001 2011	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004	WEST 1995 2005	1996 2006	West 10/1983	5 to 10/1995 1988 1998 2008 2018	1999 2009	Jan, Apr, Jul, Oct  Further information Lack of back staff
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2000 2010	bastlack question /1995 production of XY is if yes, by followin 1981 1991 1991 2001 2011	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information Lack of back staff  Survey frequency monthly survey
Wording of 10/1985 to 12/ Our domestic p 1980 WEST 2000 2010 No. 3.10)	bastlack question /1995 production of XY is if yes, by followin 1981 1981 1991 2001 2001 2001 2011 Name difffin	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information Lack of back staff  Survey frequency
Wording of 10/1985 to 12/ Our domestic p 1980 WEST 2000 2010 No. 3.10)	bastlack question /1995 production of XY is if yes, by followin 1981 1981 1991 2001 2001 2001 2011 Name difffin	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information Lack of back staff  Survey frequency monthly survey Jan, Apr, Jul, Oct
Wording of 10/1985 to 12, Our domestic p 1990 WEST 2000 No. 3.10) Wording of	bastlack question /1995 production of XY is if yes, by following f variable 1981 1991 2001 2001 2001 2001 Question	lack of manpow 1982 1992 2002	lack of back staf	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information Lack of back staff  Survey frequency monthly survey
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2000 2010 No. 3.10) Wording of 01/1991 to 12/	bastlack question /1995 production of XY is if yes, by followin 1981 1991 2001 2001 2001 2001 Question (2000	1982 1992 2002 2012	lack of back staf	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information Lack of back staff  Survey frequency monthly survey Jan, Apr, Jul, Oct
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2000 2010 No. 3.10) Wording of 01/1991 to 12/	bastlack question /1995 production of XY is if yes, by following f variable 1981 1991 2001 2001 2001 2001 Question	1982 1992 2002 2012	lack of back staf	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna	bastlack question /1995 production of XY is if yes, by followin 1981 1991 2001 2001 2001 2001 Question (2000	1982 1992 2002 2012	lack of back staf	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna	bastlack question /1995 production of XY is if yes, by followin 1981 1991 2001 2001 2001 2001 Question (2000	1982 1992 2002 2012	lack of back staf	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1990 WEST 2000 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna since 01/2002	bastlack question /1995 production of XY is if yes, by followi 1981 1991 2001 2011 2011 Name diffin question /2000 production is current	lack of manpow lack of manpow 1982 1982 2002 2012 2012 allable	lack of back staff ined. er back staff [1] 1983 1993 2003 2003 2013 2013 difficulties of fin	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1990 WEST 2000 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna since 01/2002	bastlack question /1995 production of XY is if yes, by followin 1981 1981 1991 2001 2001 2011 2011 0 0 0 0 0 0 0 0 0	lack of manpow lack of manpow 1982 1982 2002 2012 2012 allable	lack of back staff ined.  er back staff [1]  1983  2003  2003  2013  difficulties of fin	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2000 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna since 01/2002	bastlack question /1995 production of XY is if yes, by followi 1981 1991 2001 2011 2011 Name diffin question /2000 production is current	lack of manpow lack of manpow 1982 1982 2002 2012 2012 allable	lack of back staff ined.  er back staff [1]  1983  2003  2003  2013  difficulties of fin	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2000 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna since 01/2002	bastlack question /1995 production of XY is if yes, by followi 1981 1991 2001 2011 2011 Name diffin question /2000 production is current	lack of manpow lack of manpow 1982 1982 2002 2012 2012 allable	lack of back staff ined. er back staff [1] 1983 1993 2003 2013 2013 difficulties of fin difficulties of fin	1984 1994 2004 2014	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2010 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna since 01/2002 Our domestic p	bastlack question (1995 production of XY is if yes, by followin 1981 1981 1981 2001 2001 2001 2001 Question question question irres for the East av if yes, by followin if yes, by followin	lack of manpow lack of manpow 1982 1982 2002 2012 2012 allable	lack of back staff ined. er back staff [1] 1983 1993 2003 2013 2013 difficulties of fin difficulties of fin	1984 1994 2004 2014 ancing	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1990 WEST 2000 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna since 01/2002 Our domestic p Time span c	bastlack question (1995 production of XY is if yes, by followin 1981 1981 1991 2001 2001 2001 Question question question production is curren if yes, by followin 2000 production is curren if yes, by followin 2000 production is curren 2000 production is	lack of manpow lack of manpow 1982 2002 2012 2012 allable	ack of back staff ined. er back staff [1] 1993 1993 2003 2003 2003 2003 2003 difficulties of fin difficulties of fin	1984 1994 2004 2014 ancing [1]	WEST  1995  2005  2015	2006	West 10/1985	5 to 10/1995 1988 1988 1998 2008 2018 2018 10 10 2018 10 10 10 10 10 10 10 10 10 10	2009	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1980 1990 WEST 2010 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna since 01/2002 Our domestic p	bastlack question (1995 production of XY is if yes, by followin 1981 1981 1981 2001 2001 2001 2001 Question question question irres for the East av if yes, by followin if yes, by followin	lack of manpow lack of manpow 1982 1982 2002 2012 2012 allable	lack of back staff ined. er back staff [1] 1983 1993 2003 2013 2013 difficulties of fin difficulties of fin	1984 1994 2004 2014 ancing	WEST 1995 2005	1996 2006	West 10/1985	5 to 10/1995	1999 2009 2019	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information
Wording of 10/1985 to 12/ Our domestic p 1990 WEST 2000 2010 No. 3.10) Wording of 01/1991 to 12/ No questionna since 01/2002 Our domestic p Time span c	bastlack question (1995 production of XY is if yes, by followin 1981 1981 1991 2001 2001 2001 Question question question production is curren if yes, by followin 2000 production is curren if yes, by followin 2000 production is curren 2000 production is	lack of manpow lack of manpow 1982 2002 2012 2012 allable	ack of back staff ined. er back staff [1] 1993 1993 2003 2003 2003 2003 2003 difficulties of fin difficulties of fin	1984 1994 2004 2014 ancing [1]	WEST  1995  2005  2015	2006	West 10/1985	5 to 10/1995 1988 1988 1998 2008 2018 2018 10 10 2018 10 10 10 10 10 10 10 10 10 10	2009	Jan, Apr, Jul, Oct  Further information  Survey frequency monthly survey Jan, Apr, Jul, Oct  Further information

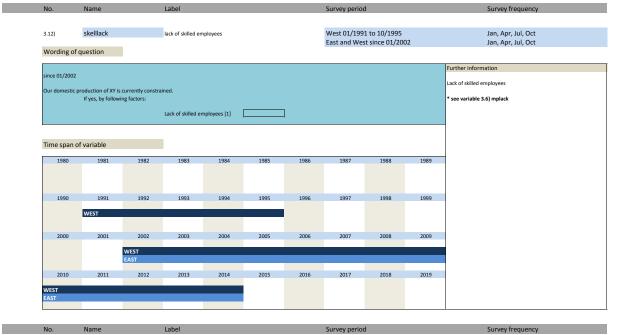
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	EAST								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
		WEST							
EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST									
EAST									

No. Name Label Survey period

Survey frequency

3.11)	weather	weather conditions	East 02/1994 to 06/2000*	monthly survey
Wording of c	uestion			

									Further information
00 tionnaires for th	e East available. T	Production constraints by weather conditions *since 01/1999 sind kein Werte mehr in dem							
00									Datensatz enthalten
		ied.							
	1	unfavourable we	ather conditions [	[1]					_
									_
1981	1982	1983	1984	1985	1986	1987	1988	1989	
1991	1992	1993	1994	1995	1996	1997	1998	1999	
			EAST						
2001	2002	2003	2004	2005	2006	2007	2008	2009	
2011	2012	2013	2014	2015	2016	2017	2018	2019	
	tionnaires for th 30 duction of XY is c duction of YY is c by followin 1981 1991 2001	tionnaires for the East available. T 30 duction of XY is currently constrain f yes, by following factors: rariable 1981 1982 1991 1992 2001 2002	tionnaires for the East available. The following wo o duction of XY is currently constrained. f yes, by following factors: unfavourable wo rariable 1981 1982 1983 1991 1992 1993 2001 2002 2003	itionnaires for the East available. The following wording is taken from 30 duction of XY is currently constrained. f yes, by following factors: unfavourable weather conditions   rariable 1981 1982 1983 1984 1991 1992 1993 1994 EAST 2001 2002 2003 2004	tionnaires for the East available. The following wording is taken from previous lists o 30 duction of XY is currently constrained. f yes, by following factors: unfavourable weather conditions [1] rariable 1981 1982 1983 1984 1985 1991 1992 1993 1994 1985 EAST 2001 2002 2003 2004 2005	itionnaires for the East available. The following wording is taken from previous lists of variables          30         30         duction of XY is currently constrained.         f yes, by following factors:         unfavourable weather conditions [1]         rariable         1981       1982       1983       1984       1985       1986         1991       1992       1993       1994       1995       1996         2001       2002       2003       2004       2005       2006	itionalizes for the East available. The following wording is taken from previous lists of variables	itionalizes for the East available. The following wording is taken from previous lists of variables	itionalizes for the East available. The following wording is taken from previous lists of variables



3.13) Wording of c	othrea other reasons	West since 01/1996 East 01/1991 to 12/2000 East since 01/2001	Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct
01/1991 to 10/2 No questionnair	2001 res for the East available		Further information other factors/ other reasons
01/1996 to 10/2 Our domestic pr	2001 roduction of XY is currently constrained If yes, by following factors: other factors [1]		

since 01/2002									
Our domestic pr	oduction is currer If yes, by followin	ng factors:				1			
			other factors [1]			J			
Time span of	variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
						WEST			
	EAST					WEST			
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
WEST									
EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST									
EAST									

Survey period

Survey frequency

No. Name Label

2010 2011

2013

2014

2012

proexpen East 01/1991 to 12/2000 monthly survey 3.14) product too expensive Wording of question Further information 01/1991 to 12/2000 roducts too expensive No questionnaires for the East available. The following wording is taken from previous lists of variables 01/1991 to 12/2000 Our domestic production of XY is currently constrained. If yes, by following factors: sales difficulties, as Products are too expensive [1] Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1991 1992 1993 1994 1995 1997 1998 1999 1990 1996 EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 EAST

2017

2018

2019

No. Name Survey frequency Label Survey period 3.15) proqual quality of products East 01/1991 to 12/2000 monthly survey Wording of question Further information 01/1991 to 12/2000 Quality of product There are no questionnaires for the East available. The following wording is taken from previous lists of variables 01/1991 to 12/2000 Our domestic production of XY is currently constrained. If yes, by following factors: sales difficulties, as quality of product insufficient [1] 

2016

2015

Time span o	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	EAST								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019

No.	Name		Label				Survey period	1		Survey frequency
3.16)	propro		program of proc	ducto			East 01/1991	to 12/2000		monthly survey
Wording of c			program or proc	lucis			203001/1331	10 12/2000		montally survey
wording of t	lucstion									Further information
01/1991 to 12/2	2000									Program of products
There are no qu	estionnaires for th	he East available.	. The following wo	ording is taken fro	m previous lists of	variables				
01/1991 to 12/2	2000									
Our domestic pr	oduction of XY is If yes, by followin									
	ii yes, by tollowii	ng ractors, sales i	program of proc	ducts						
			insufficient [1]			]				
Time span of										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
EAST 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey period			Survey frequency
3.17)	ovtime		overtime				West since 01			Jan, Apr, Jul, Oct
Wording of c	uestion						East and Wes	t since 03/20	02	Mrch, Jun, Sep, Dec
										Further information
since 01/1980										Overtime
we currently we	ork with overtime	_	·	]						
		ves [1]								
		yes [1]		no [2]						
Time span of		yes [1]								
Time span of		yes [1] 1982	1983	1984	1985	1986	1987	1988	1989	
	variable				1985	1986	1987	1988	1989	
1980 WEST	variable	1982	1983	1984						
1980	variable				1985 1995	1986	1987 1997	1988	1989 1999	
1980 WEST 1990 WEST	variable 1981 1991	1982	1983	1984	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000	variable	1982	1983	1984						
1980 WEST 1990 WEST	variable 1981 1991 2001	1982	1983	1984	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000	variable 1981 1991 2001	1982 1992 2002	1983	1984	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST WEST	variable 1981 1991 2001	1982 1992 2002 EAST	1983 1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 WEST 1990 WEST 2000 WEST 2010	variable 1981 1991 2001	1982 1992 2002 EAST	1983 1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 WEST 1990 WEST 2000 WEST WEST	variable 1981 1991 2001	1982 1992 2002 EAST	1983 1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007 2017	1998 2008 2018	1999 2009	Survey frequency
1980 WEST 2000 WEST 2010 WEST EAST	variable 1981 1991 2001 2011 Name	1982 1992 2002 EAST	1983 1993 2003 2013 Label	1984 1994 2004 2014	1995 2005	1996 2006	1997 2007 2017 Survey period	1998 2008 2018	1999 2009 2019	Survey frequency
1980 WEST 2000 WEST 2010 WEST EAST	variable 1981 1991 2001 2011	1982 1992 2002 EAST	1983 1993 2003 2013	1984 1994 2004 2014	1995 2005	1996 2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/	1999 2009 2019 2001	Jan, Apr, Jul, Oct
 1980 WEST 1990 WEST 2000 WEST EAST No.	variable 1981 2001 2011 Name ovtimemo	1982 1992 2002 EAST	1983 1993 2003 2013 Label	1984 1994 2004 2014	1995 2005	1996 2006	1997 2007 2017 Survey period	1998 2008 2018 /1980 to 10/	1999 2009 2019 2001	
 1980 WEST 1990 WEST 2000 WEST EAST No. 3.18)	variable 1981 2001 2011 Name ovtimemo	1982 1992 2002 EAST	1983 1993 2003 2013 Label	1984 1994 2004 2014	1995 2005	1996 2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/	1999 2009 2019 2001 2001 202	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1980 WEST 1990 WEST 2000 WEST 2010 WEST EAST No. 3.18) Wording of c	variable 1981 1991 2001 2001 2011 2011 Name ovtimemo uestion	1982 1992 2002 EAST 2012	1983 1993 2003 2013 Label	1984 1994 2004 2014	1995 2005	1996 2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/	1999 2009 2019 2001 2001 202	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec
1980 WEST 1990 WEST 2000 WEST 2010 WEST EAST No. 3.18) Wording of c	variable 1981 1991 2001 2011 2011 Name ovtimemo outimemo outimemo	1992	1983 1993 2003 2013 2013 2013 2014 2015 2015 2015 2015 2015 2015 2015 2015	1984 1994 2004 2014	1995 2005	1996 2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/	1999 2009 2019 2001 2001 202	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
 1980 WEST 1990 WEST 2000 WEST 2010 WEST EAST No. 3.18) Wording of c	variable 1981 1991 2001 2011 2011 Name ovtimemo outimemo outimemo	1982 1992 2002 EAST 2012	1983 1993 2003 2013 2013 2013 2014 2015 2015 2015 2015 2015 2015 2015 2015	1984 1994 2004 2014	1995 2005	1996 2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/	1999 2009 2019 2001 2001 202	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1980 WEST 1990 WEST 2000 WEST 2010 WEST 2AST 3.18) Wording of c since 01/1980 We currently we	variable 1981 1991 2001 2001 2011 2011 Name ovtimemo ovtimemo fi yes, more than	1992	1983 1993 2003 2013 2013 2013 2014 2015 2015 2015 2015 2015 2015 2015 2015	1984 1994 2004 2014	1995 2005	1996 2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/	1999 2009 2019 2001 2001 202	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1980 WEST 1990 WEST 2000 WEST 2010 WEST EAST No. 3.18) Wording of c	variable 1981 1991 2001 2001 2011 2011 Name ovtimemo ovtimemo fi yes, more than	1992	1983 1993 2003 2013 2013 2013 2014 2015 2015 2015 2015 2015 2015 2015 2015	1984 1994 2004 2014	1995 2005	1996 2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/	1999 2009 2019 2001 2001 202	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1980 WEST 2000 WEST 2010 WEST 2010 WEST EAST No. 3.18) Wording of c since 01/1980 We currently we	variable 1981 1991 2001 2001 2011 2011 Name ovtimemo ovtimemo ovtiwemo if yes, more than ovtariable	1982 1992 2002 EAST 2012 2012 2014 2014 2014 2014 2014 2014	1983 1993 2003 2013 2013 2014 cabel overtime more	1994 1994 2004 2014 than customary	2005	2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/ t since 03/20	1999 2009 2019 2010 2001 202	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1980 WEST 1990 WEST 2000 WEST 2010 WEST 2010 WEST 2010 WEST 2010 West 20 West 20	variable 1981 1991 2001 2011 2011 2011 2011 2011 201	1992 1992 2002 EAST 2012 2012 () 2012) () 2012 () 201 () 2012	1983 1993 2003 2013 2013 2013 2013 2013 2013 201	1994 1994 2004 2014 than customary	1995	1996	1997 2007 2017 Survey period West since 01 East and West	1998 2008 2018 /1980 to 10/ /1980 to 10/ 1988	1999 2009 2019 2001 2001 2001 2001 2001	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1380 WEST 2000 WEST 2010 WEST 2010 WEST 2010 WEST 3.18) Wording of c since 01/1980 We currently we Time span of 1380 WEST 1390	variable 1981 1991 2001 2001 2011 2011 Name ovtimemo ovtimemo ovtiwemo if yes, more than ovtariable	1982 1992 2002 EAST 2012 2012 2014 2014 2014 2014 2014 2014	1983 1993 2003 2013 2013 2014 cabel overtime more	1994 1994 2004 2014 than customary	2005	2006	2007 2017 Survey period	1998 2008 2018 /1980 to 10/ t since 03/20	1999 2009 2019 2010 2001 202	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1980 WEST 1990 WEST 2000 WEST 2010 WEST 2010 WEST 2010 WEST 2010 West 20 West 20	variable 1981 1991 2001 2011 2011 2011 2011 2011 201	1992 1992 2002 EAST 2012 2012 () 2012) () 2012 () 201 () 2012	1983 1993 2003 2013 2013 2013 2013 2013 2013 201	1994 1994 2004 2014 than customary	1995	1996	1997 2007 2017 Survey period West since 01 East and West	1998 2008 2018 /1980 to 10/ /1980 to 10/ 1988	1999 2009 2019 2001 2001 2001 2001 2001	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1380 WEST 2000 WEST 2010 WEST 2010 WEST 2010 WEST 3.18) Wording of c since 01/1980 We currently we Time span of 1380 WEST 1390	variable 1981 1991 2001 2011 2011 2011 2011 2011 201	1992 1992 2002 EAST 2012 2012 () 2012) () 2012 () 201 () 2012	1983 1993 2003 2013 2013 2013 2013 2013 2013 201	1994 1994 2004 2014 than customary	1995	1996	1997 2007 2017 Survey period West since 01 East and West	1998 2008 2018 /1980 to 10/ /1980 to 10/ 1988	1999 2009 2019 2001 2001 2001 2001 2001	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1980 WEST 1990 WEST 2000 WEST 2010 WEST 2010 WEST 2010 WEST 2010 WEST	variable 1981 1991 2001 2011 2011 2011 2011 2011 201	1982 1992 2002 EAST 2012 2012 2013 2014 2014 2015 2015 2015 2015 2015 2015 2015 2015		1994 1994 2004 2014 2014 than customary	1995 2005 2015 2015 1985 1995	1996 2006 2016 1996	2007 2017 2017 Survey period West since 01 East and West	1998 2008 2018 2018 2018 2018 2018 2018 201	1999 2009 2019 2001 2001 2001 2001 2001	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information
1380 WEST 1990 WEST 2000 WEST 2010 WEST 2010 WEST 2010 WEST 3.18) Wording of c since 01/1980 We currently we VIEST 1990 WEST 2000	variable 1981 1991 2001 2011 2011 2011 2011 2011 201	1992		1994 1994 2004 2014 2014 than customary	1995 2005 2015 2015 1985 1995	1996 2006 2016 1996	2007 2017 2017 Survey period West since 01 East and West	1998 2008 2018 2018 2018 2018 2018 2018 201	1999 2009 2019 2001 2001 2001 2001 2001	Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec Further information

EAST										
No.	Name		Label				Survey perio	d		Survey frequency
3.19)	stwork		short-time wor	k			West 01/198 East 01/199 East 01/200	30 to 10/2001 1 to 12/2000 1 to 10/2001		Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct
Wording of	question						East and We	st since 01/200	)2	Mrch, Jun, Sep, Dec
	2001 ires for the East a	vailable								Short-time work
since 01/1980 We currently h	ave short-time w	ork yes [1]		_no [2]						
Time span o	f									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990 WEST	1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										
2010 WEST EAST	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey perio			Survey frequency
3.20) Wording of	stworkexp		expected short	-time work			East 01/1993 East 01/2003		)2	Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec
01/1991 to 10/	2001									Further information
No questionna	ires for the East a	vailable								Expected short-time work
01/1980 to 10/	2001									
During the nex	t 3 months we wi	lll expectedly work	short-time	no [2]						
since 03/2002	. <u></u>	<b>⊣</b> , ,,		-						
	t 3 months we wi	ll expectedly work	short-time							
		yes [1]		no [2]						
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990 WEST	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	EAST									
2000 WEST	2001	2002	2003	2004	2005	2006	2007	2008	2009	
EAST 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST										
No.	Name		Label				Survey perio	d		Survey frequency
3.21)	emplexp		expected empl	oyees			West 01/198 and since 07	30 to 04/1997 7/1997		Jan, Apr, Jul, Oct* monthly survey
Wording of	question						East since 01	1/1991		monthly survey
01/1980 to 04/										Further information
Employees (do	mestic companie									Expected development of the number of total employees
		increasing [1] not changing [2]	y seasonal fluctu	e production of XY ations	will be	1				*10/1980 to 10/1993 the question for the West in October has the same structure as the question of the variable "empl", see 3.14)
		decreasing [3]				L				Standard question since 07/1997. see 2.14)

07/1997 to 11/	2001													
	ployees (domestic companies only) ing the next 3 months the number of employees assigned to the production of XY will be increasing [1]													
		not changing [2] decreasing [3]				<u> </u>	]							
since 01/2002	xe 01/2002													
Employees (do	or the next 3 moni mestic companies employees assign					]	]							
Time span o	f variable													
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989					
WEST														
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999					
WEST	EAST													
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009					
WEST EAST														
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019					
WEST EAST														

No. Name Label

3.22)

empl employees 12 month West 10/1980 to 10/1993 annual survey \*

Survey frequency

Survey period

Wording of q	uestion									
10/1980 to 10/1 Employees			Further information Employees expectations							
In cyclical regard during the next		eliminating purely s	*The expected occupation during the next 3 months is recorded by the variable "emplexp". see 3.13)							
		increasing [1] not changing [2] decreasing [3]		10/1990 to 10/1993 **additionally "from month under report on" * annual survey in October						
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

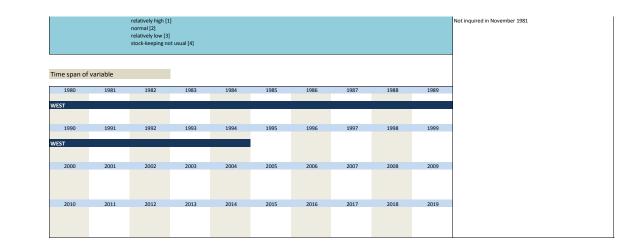
No.	Name		Label				Survey period			Survey frequency
3.23)	prof		profit situation				West since 06			May, Sep
							East since 06/	2002*		May, Sep
Wording of	question									
										Further information
since 06/2002										Constant in the standard
Drofit situation	and development									Current profit situation
[]	rand development	*in 2002: June and September								
	onsider the profit s	ituation of our co	in 2002. June and September							
		The question was fed into an own dataset								
										for the East 12/1995 to 11/2001
		good [1]								
		satisfying [2]								
		bad [3]								
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	1

1										
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
			WEST							
			EAST							
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
١	WEST									
E	EAST									

3.24)	profch		change of profit	situation			West since 0	5/2002*		May, Sep
		-					East since 06	/2002*	May, Sep	
Wording of	question									
										Further information
since 06/2002										Change of profit situation compared to previous quarter
Profit situation	and developmer	nt	change of pront situation compared to previous quarter							
[]	6 H 669 H 1									
As compared to	o fall 20## the pro	ofit situation of our								
										*in 2002: June and September
improved [1] did not change [2]										In May the wording of the question is:
		deteriorated [3]	-,					"As compared to fall 20##"		
										It is inquired after previous fall e.g. May 2003:
										"As compared to fall 2002"
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	In september the wording of the question is: "As compared to the 1st quarter of 20##"
1500	1501	1562	1505	1504	1505	1550	1567	1500	1565	it is inquired after the first quarter of the current year
										e.g. September 2004:
										"As compared to the 1st quarter of 2004"
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
										The question was fed into an own dataset for the East 12/1995 to 11/2001
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001		2005	2004	2305	2300	2007	2000	2303	
		WEST								
		EAST								
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name		Label				Survey period	t		Survey frequency	
3.25)	hcount		headcount				West since 0	3/2002		Mrch, Jun, Sep, Dec	
							East since 09	/1994*		Mrch, Jun, Sep, Dec	
Wording o	of question										
										Further information	
09/1994 to 1	2/2001									Development of the headcount	
No questionr	naires for the East av	vailable									
										* no inquiry in Dec 2001 but in Nov 2001	
since 03/200	12										
We consider	our head count with	a respect to the ow	norted cales dow	alanmant of VV d	wing the pout 12	months to be					
weconsider	our neau count with	rrespect to the exp	pected sales dev	elopinent of X1 ut	ming the next 12	months to be					
		relatively high [1			ļ	]					
		(e.g. reduction of stat	ff neccessary)								
		enough [2]				]					
		too low [3]				1					
		(e.g. additional staff	neccessary)			-					
										-	
Time span	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988			
									1989		
								1966	1989		
								1300	1989		
1990											
	1991	1992	1993	1994	1995	1996	1997	1988	1989		
	1991	1992	1993		1995	1996	1997				
	1991	1992	1993	1994 EAST	1995	1996	1997				
2000	1991	1992 2002	1993 2003		1995	1996	1997 2007				
2000		2002		EAST				1998	1999		
				EAST				1998	1999		
EAST	2001	2002 WEST	2003	EAST 2004	2005	2006	2007	1998 2008	1999 2009		
		2002		EAST				1998	1999		
EAST 2010	2001	2002 WEST	2003	EAST 2004	2005	2006	2007	1998 2008	1999 2009		
EAST	2001	2002 WEST	2003	EAST 2004	2005	2006	2007	1998 2008	1999 2009		
EAST 2010 WEST	2001	2002 WEST	2003	EAST 2004	2005	2006	2007	1998 2008	1999 2009		
EAST 2010 WEST	2001	2002 WEST 2012	2003	EAST 2004	2005	2006	2007	1998 2008 2018	1999 2009	Survey frequency	

3.26)	fest	feedstock	West 02/1980 to 05/1994	Feb, May, Aug, Nov
Wording of	question			
since 02/1980				Further information
Feedstock Our stock of the	e most important raw materials and	l pre-materials to produce XY is currently		



Survey period

Survey frequency

Feb, May, Aug, Nov

No. Name

Name

3.29)

fincolow low costs of financing

Label

Label

3.27)	proenl		enlargement of	production			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Wording of c	luestion									
since 08/1981										Further information enlargement of production
Feedstock Our stock of the [] if relatively high	most important r	aw materials and	*"currently" since 02/1988							
We currently ha	ve a high stock be	cause of								
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No. Survey period Survey frequency 3.28) priceinc West 08/1981 to 02/1993 Feb, May, Aug, Nov increase in price

since 08/1981										Further information
										Increase in price
Feedstock Our stock of th [] if relatively hig	e most important i	*"currently" since 02/1988								
	ave a high stock be	Not inquired in November 1981								
we currently n	lave a nign stock be									
										1
Time span o	of variable									
										_
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

West 05/1982 to 02/1993

Wording of question

[] if relatively high		raw materials and ecause of	Further information low costs of financing *"currently" since 02/1988							
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
		WEST								
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No. Name Label Survey period Survey frequency 3.30) diffsup1 difficulties of supply West 08/1981 to 02/1993 Feb, May, Aug, Nov Wording of question Further information since 08/1981 difficulties of supply Feedstock Our stock of the most important raw materials and pre-materials to produce XY is currently "currently" since 02/1988 [...] if relatively high: Not inquired in November 1981 We currently have a high stock because of difficulties of supply [1] Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 WEST 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 WEST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

			_							
3.31)	weaken		weakening				West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Wording of	question									
Wording of	question									
since 08/1981										Further information
										weakening
Feedstock Our stock of th	ie most important i	raw materials and	*"currently" since 02/1988							
[]										
if relatively hig	gn:									Not inquired in November 1981
We currently h	nave a high stock be	ecause of								
			The feedstock in				_			
			a weakening (in	demand) [1]			]			
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
										1

No.	Name		Label				Survey period	1		Survey frequency	
3.32)	prored		reduction of pro	duction			West 08/198	1 to 02/1993		Feb, May, Aug, Nov	
Wording o		1								Further information	
since 08/198: Feedstock										Reduction of production	
	the most important i	raw materials and	pre-materials to	produce XY is cur	rrently					*"currently" since 02/1988 Not inquired in November 1981	
	have a low stock on	purpose because	of								
			reduction in proc	duction [1]						-	
Time span	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
	WEST										
1990 WEST	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
No.	Name		Label				Survey period	1		Survey frequency	
3.33)	pricedec		price decrease							Feb, May, Aug, Nov	
Wording o							West 08/198	1 to 02/1993		reb, May, Aug, Nov	
	f question						West 08/198	1 to 02/1993			
since 08/198:							West 08/198:	1 to 02/1993		Further information	
Feedstock Our stock of t []	1 the most important r	raw materials and	pre-materials to j	produce XY is cur	rrently		West 08/198	1 to 02/1993		Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively lo	1 the most important i <b>5w:</b>			produce XY is cur	rently		West 08/198:	1 to 02/1993		Further information price decrease	
Feedstock Our stock of t [] if relatively lo	1 the most important r	purpose because			rently		West 08/198:	1 10 02/1993		Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively lo We currently	1 ihe most important r <b>ow:</b> have a low stock on	purpose because	e of		rently	1	West 08/198:	1 to 02/1993		Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively lo We currently	1 ihe most important r <b>ow:</b> have a low stock on	purpose because	e of		rrently	1986	West 08/198:	1988	1989	Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively lo We currently Time span	t the most important r <b>ow:</b> have a low stock on of variable	I purpose because	of expected price d	decline [1]		1986			1989	Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of ti [] if relatively lo We currently Time span 1980	1 the most important in ow: have a low stock on of variable 1981	I purpose because	of expected price d	decline [1]		1986			1983	Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively ic We currently Time span 1980	the most important r w: have a low stock on of variable 1981 WEST	1982	expected price d	decline [1] 1984	1985		1987	1988		Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively k We currently Time span 1980	the most important r w: have a low stock on of variable 1981 WEST	1982	expected price d	decline [1] 1984	1985		1987	1988		Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively k We currently Time span 1980 1990 WEST 2000	the most important in sw: have a low stock on of variable 1981 WEST 1991 2001	1982 1992 2002	of expected price d 1983 1993 2003	decline [1] 1984 1994 2004	1985 1995 2005	1996 2006	1987	1988 1998 2008	1999 2009	Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of 1 [] if relatively to We currently 1980 1990 WEST	the most important is sow: have a low stock on of variable 1981 WEST 1991	1982 1992	expected price d	1984 1994	1985	1996	1987 1997	1988	1999	Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively k We currently Time span 1980 1990 WEST 2000	the most important in sw: have a low stock on of variable 1981 WEST 1991 2001	1982 1992 2002	of expected price d 1983 1993 2003	decline [1] 1984 1994 2004	1985 1995 2005	1996 2006	1987	1988 1998 2008	1999 2009	Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively k We currently Time span 1980 1990 WEST 2000	the most important in sw: have a low stock on of variable 1981 WEST 1991 2001	2002 2012	of expected price d 1983 1993 2003	decline [1] 1984 1994 2004	1985 1995 2005	1996 2006	1987	1988 1998 2008 2018	1999 2009	Further information price decrease +"currently" since 02/1988	
Feedstock Our stock of t [] if relatively k We currently 1980 1990 WEST 2000 2010	the most important in pow: have a low stock on of variable 1981 1981 1991 2001 2001 2011	2002 2012	expected price d	decline [1]	1985 1995 2005	1996 2006	1987 1997 2007 2017	1988 1998 2008 2018	1999 2009	Further information price decrease *"currently" since 02/1988 Not inquired in November 1981	
Feedstock Our stock of t [] if relatively k We currently 1980 1990 WEST 2000 2010 No. 3.34)	the most important in pow: have a low stock on of variable 1981 1981 1991 2001 2001 2001 2011 2011 2011	2002 2012	expected price d	decline [1]	1985 1995 2005	1996 2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018	1999 2009	Further information price decrease **currently* since 02/1988 Not inquired in November 1981	
Feedstock Our stock of t [] if relatively k We currently 1980 1990 WEST 2000 2010 No. 3.34)	the most important r pow: have a low stock on of variable 1981 VVEST 1991 2001 2001 2011 2011 Control Control Contr	2002 2012	expected price d	decline [1]	1985 1995 2005	1996 2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018	1999 2009	Further information         price decrease         *"currently" since 02/1988         Not inquired in November 1981         Image: Survey frequency         Survey frequency         Feb, May, Aug, Nov	
Feedstock Our stock of t [] if relatively k We currently 1980 1990 VEST 2000 2010 No. 3.34) Wording o since 05/1982 Feedstock	the most important of sw: have a low stock on of variable 1981 1981 2001 2001 2011 2011 1991	2002 2012	expected price d  1983 1993 2003 2013 Label high costs of fina	decline [1]	1985	1996 2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018	1999 2009	Further information         price decrease         *"currently" since 02/1988         Not inquired in November 1981         Image: Survey frequency         Survey frequency         Feb, May, Aug, Nov	
Feedstock Our stock of t [] if relatively k We currently 1980 1990 WEST 2000 2010 No. 3.34) Wording o since 05/1982 Feedstock	the most important r sw: have a low stock on of variable 1981 1981 1981 2001 2001 2001 1991	2002 2012	expected price d  1983 1993 2003 2013 Label high costs of fina	decline [1]	1985	1996 2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018	1999 2009	Further information         price decrease         *"currently" since 02/1988         Not inquired in November 1981         Image: Survey frequency         Survey frequency         Feb, May, Aug, Nov	
Feedstock Our stock of t [] if relatively lo We currently 1990 VEST 2000 2010 No. 3.34) Wording o Since 05/198; Feedstock of t [] if relatively lo	the most important r sw: have a low stock on of variable 1981 1981 1981 2001 2001 2001 1991	a purpose because 1982 1992 2002 2012 2012 raw materials and purpose because	e of expected price d 1983 1993 2003 2013 2013 Label high costs of fina	decline [1]	1985	1996 2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018	1999 2009	Further information         price decrease         *"currently" since 02/1988         Not inquired in November 1981         Image: Survey frequency         Survey frequency         Feb, May, Aug, Nov	
Feedstock Our stock of t [] if relatively lo We currently 1990 VEST 2000 2010 No. 3.34) Wording o since 05/198: Feedstock of t [] if relatively lo	the most important r sw: have a low stock on of variable 1981 1981 1991 2001 2001 1991	purpose because 1982 1992 2002 2012 and raw materials and purpose because	e of expected price d 1983 1993 2003 2013 2013 Label high costs of fina	decline [1]  1984  1994  2004  2004  ancing  produce XY is cur	1985	1996 2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018	1999 2009	Further information         price decrease         *"currently" since 02/1988         Not inquired in November 1981         Image: Survey frequency         Survey frequency         Feb, May, Aug, Nov	
Feedstock Our stock of t [] if relatively k We currently 1980 1990 WEST 2000 2010 No. 3.34) Wording o since 05/1983 Feedstock Our stock of t [] if relatively kc	the most important r sw: have a low stock on of variable 1981 1981 2001 2001 2001 2011 2011 2011 199 2001 201 20	purpose because 1982 1992 2002 2012 and raw materials and purpose because	e of expected price d 1983 1983 2003 2013 2013 Label high costs of fina d pre-materials to g unusual high	decline [1]  1984  1994  2004  2004  ancing  produce XY is cur	1985	1996 2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018	1999 2009	Further information         price decrease         *"currently" since 02/1988         Not inquired in November 1981         Image: Survey frequency         Survey frequency         Feb, May, Aug, Nov	
Feedstock Our stock of 1 [] if relatively k We currently 1980 1990 WEST 2000 2010 No. 3.34) Wording o since 05/1982 Feedstock Our stock of 1 [] if relatively k We currently	the most important r sw: have a low stock on of variable 1981 1981 1991 2001 2001 1991	purpose because 1982 1992 2002 2012 and raw materials and purpose because	e of expected price d 1983 1983 2003 2013 2013 Label high costs of fina d pre-materials to g unusual high	decline [1]  1984  1994  2004  2004  ancing  produce XY is cur	1985	1996 2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018	1999 2009	Further information         price decrease         *"currently" since 02/1988         Not inquired in November 1981         Image: Survey frequency         Survey frequency         Feb, May, Aug, Nov	
Feedstock Our stock of t [] if relatively k We currently 1990 WEST 2000 2010 No. 3.34) Wording o Since 05/198: Feedstock Our stock of t [] if relatively k We currently	the most important r pow: have a low stock on of variable 1981 1991 1991 2001 2001 2011 2011 1991 2011 1991 2011 1991 2001 201	a purpose because 1982 1992 2002 2012 2012 raw materials and purpose because	e of expected price d 1983 1993 2003 2013 2013 2013 2013 1995 2003 2014 1995 2005 2015 2015 2015 2015 2015 2015 201	decline [1]	1985 1995 2005 2015 2015	2006	1987 1997 2007 2017 Survey period	1988 1998 2008 2018 2018 2018	2009	Further information         price decrease         *"currently" since 02/1988         Not inquired in November 1981         Image: Survey frequency         Survey frequency         Feb, May, Aug, Nov	

WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey perio	d		Survey frequency
3.35)	diffsup2						West 08/198	1 +0 02/1002		Feb May Aug Ney
Wording of			difficulties of sup	эріу			West 08/198	1 10 02/1993		Feb, May, Aug, Nov
wording of	question									Further information
since 08/1981										Difficulties of supply
	e most important r	aw materials and	d pre-materials to	produce XY is cu	rrently					Not inquired in November 1981
[] if relatively lov	<i>ı</i> :									
The feedstock l	became scarce due	to								
			difficulties of sup	oply [1]		]				
-	c • 11									
Time span o	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	WEST	1982	1985	1984	1985	1900	1987	1300	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey perio	d		Survey frequency
3.36)	strength		strengthening				West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Wording of								,		
	1									
since 08/1981										Further information
Foodstock										Further information strengthened production
	e most important r	aw materials and	d pre-materials to	produce XY is cu	rrently					
Our stock of th [] if relatively lov	<b>/:</b>		d pre-materials to	produce XY is cu	rrently					strengthened production
Our stock of th [] if relatively lov					rrently	1				strengthened production
Our stock of th [] if relatively lov	<b>/:</b>		d pre-materials to strengthened pr		rrently	]				strengthened production
Our stock of th [] if relatively lov	v: became scarce due				rrentiy	]				strengthened production
Our stock of th [] <b>if relatively lov</b> The feedstock l	v: became scarce due				1985	] 1986	1987	1988	1989	strengthened production
Our stock of th [] if relatively low The feedstock I Time span o	r: became scarce due f variable	to	strengthened pr	oduction [1]		1986	1987	1988	1989	strengthened production
Our stock of th [] if relatively low The feedstock I Time span o	v: became scarce due f variable 1981	to	strengthened pr	oduction [1]		1986	1987	1988	1989	strengthened production
Our stock of th [] if relatively low The feedstock I Time span o 1980	r: pecame scarce due f variable 1981 WEST	to 1982	strengthened pr	oduction [1] 1984	1985					strengthened production
Our stock of th [_] if relatively low The feedstock I  Time span o  1980  1990  WEST	r: became scarce due f variable 1981 WEST 1991	to 1982 1992	strengthened pr 1983 1993	1984	1985	1996	1997	1998	1999	strengthened production
Our stock of th [] if relatively lov The feedstock I Time span o 1980	r: pecame scarce due f variable 1981 WEST	to 1982	strengthened pr	oduction [1] 1984	1985					strengthened production
Our stock of th [-] If relatively low The feedstock I 1980 1990 WEST 2000	r: became scarce due f variable 1981 WEST 1991 2001	to 1982 1992 2002	strengthened pr 1983 1993 2003	1984 1994 2004	1985	1996 2006	1997 2007	1998 2008	1999 2009	strengthened production
Our stock of th [_] if relatively low The feedstock I  Time span o  1980  1990  WEST	r: became scarce due f variable 1981 WEST 1991	to 1982 1992	strengthened pr	1984	1985	1996	1997	1998	1999	strengthened production
Our stock of th [-] If relatively low The feedstock I 1980 1990 WEST 2000	r: became scarce due f variable 1981 WEST 1991 2001	to 1982 1992 2002	strengthened pr 1983 1993 2003	1984 1994 2004	1985	1996 2006	1997 2007	1998 2008	1999 2009	strengthened production
Our stock of th [] if relatively low The feedstock I Ine fee	r: became scarce due f variable 1981 WEST 2001 2011	to 1982 1992 2002	strengthened pr	1984 1994 2004	1985	1996 2006	1997 2007 2017	1998 2008 2018	1999 2009	strengthened production Not inquired in November 1981
Our stock of th [-] If relatively low The feedstock I 1980 1990 WEST 2000	r: became scarce due f variable 1981 WEST 1991 2001	to 1982 1992 2002	strengthened pr 1983 1993 2003	1984 1994 2004	1985	1996 2006	1997 2007	1998 2008 2018	1999 2009	strengthened production
Our stock of th [] if relatively low The feedstock I Ine fee	r: became scarce due f variable 1981 WEST 2001 2011	to 1982 1992 2002	strengthened pr	oduction [1]	1985	1996 2006	1997 2007 2017 Survey perior	1998 2008 2018 d 2/1980	1999 2009	strengthened production Not inquired in November 1981
Our stock of th [] [_] if relatively low The feedstock I Time span o 1990 W251 2000 2010 No.	r: became scarce due f variable 1981 WEST 2001 2001 2011 Name festwe	to 1982 1992 2002	strengthened provide the strengthened provide	oduction [1]	1985	1996 2006	1997 2007 2017 Survey perior	1998 2008 2018 d 2/1980	1999 2009	strengthened production Not inquired in November 1981
Our stock of th [] if relatively low The feedstock I Time Span O 1980 USEST 2000 2010 No. 3.37) Wording of	r: became scarce due f variable 1981 WEST 1991 2001 2001 2011 Name festwe question	to 1982 1992 2002	strengthened provide the strengthened provide	oduction [1]	1985	1996 2006	1997 2007 2017 Survey perior	1998 2008 2018 d 2/1980	1999 2009	strengthened production Not inquired in November 1981
Our stock of th [] Time span o 1980 WEST 2000 XUEST 2010 No. 3.37) Wording of 02/2001 to 11/	r: became scarce due f variable 1981 WEST 1991 2001 2001 2011 Name festwe question	to 1982 2002 2012	strengthened provide the strengthened provide	oduction [1]	1985	1996 2006	1997 2007 2017 Survey perior	1998 2008 2018 d 2/1980	1999 2009	strengthened production Not inquired in November 1981  Survey frequency Feb, May, Aug, Nov Feb, May, Aug, Nov
Our stock of th [] if relatively low The feedstock I 1980 1990 WEST 2000 2010 No. 3.37) Wording of 02/2001 to 11/ No questionnai	r: became scarce due f variable 1981 WEST 1991 2001 2011 Name festwe question 2001 res for the East ava	to 1982 2002 2012	strengthened provide the strengthened provide	oduction [1]	1985	1996 2006	1997 2007 2017 Survey perior	1998 2008 2018 d 2/1980	1999 2009	strengthened production Not inquired in November 1981  Survey frequency  Feb, May, Aug, Nov Feb, May, Aug, Nov  Further information Feedstock in weeks Bedeutung in Datensatz. "in feedstock" = 0 weeks
Our stock of th [] Time span o 1980 WEST 2000 XUEST 2010 No. 3.37) Wording of 02/2001 to 11/	r: became scarce due f variable 1981 WEST 1991 2001 2011 Name festwe question 2001 res for the East ava	to 1982 2002 2012	strengthened provide the strengthened provide	oduction [1]	1985	1996 2006	1997 2007 2017 Survey perior	1998 2008 2018 d 2/1980	1999 2009	strengthened production Not inquired in November 1981  Survey frequency Feb, May, Aug, Nov Feb, May, Aug, Nov Feb, May, Aug, Nov Further information Feedstock in weeks Bedeutung in Datensatz:

Feedstock Our feedstock is currently sufficient for

 less than
 more than 6,

 0,5
 0,5
 1
 2
 3
 4
 5
 6
 in fact

No.       Name       Label       Survey period       Survey frequency         3.38)       stinwe       stock of inventories in weeks       West since 02/1980       Feb, May, Aug, Nov         Production of question         Output of question         Production of memotories in weeks         Production of memotories in weeks in weeks of production (measured by the current extent of production)         Strike in formation         Strike in formation         Strike information         Strike informatin <th>WEST EAST</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	WEST EAST											
3.38)       stinue       stock of inventories in weeks       West since 02/1980       Feb, May, Aug, Nov         Contrasting of question         Our stock of inventories in weeks in weeks         02/2001 to 11/2001         No questionmaires for the East available       Turther information         02/1010 10 11/2001         Stock of inventories in weeks in weeks         02/108 to 08/1981         Stock of inventories in weeks in weeks         Our stock of unsold finished goods of XY currently equate to         Interstand         Interstand         Interstand         Our stock of unsold finished goods of XY currently equate to         Interstand         Interstand         Interstand         Our stock of unsold finished goods of XY currently equate to         Interstand         Interstand         Interstand         Interstand         Interstand         Interstand         Interstand         Interstand         Interstand         Inters												
East since 02/2001       Feb, May, Aug, Nov         Wording of question         02/2001 to 11/2001       No questionnaires for the East available       Forther information       Stock of inventories in weeks in weeks in weeks in weeks in weeks in the fast available       *06/1950       To obto 05/1981       Stock of inventories *= 0 weeks       *06/1950       *06/1950       To obto 05/1981       Too took of inventories *= 0 weeks       *06/1950       *06/1950       *100 stock of inventories *= 0 weeks       *100 stock of inventories *= 0	No.	Name	Label			Survey period	ł	Survey frequency				
East since 02/2001       Feb, May, Aug, Nov         Wording of question         02/2001 to 11/2001       No questionnaires for the East available       Forther information       Stock of inventories in weeks in weeks in weeks in the east available         02/1980 to 08/1981       Stock of inventories       To stock of inventories in weeks in weeks in the east available       Point and the information       Stock of inventories in weeks in weeks in weeks in a stock of unsold finished goods of XY currently equate to       To stock of inventories in weeks in the east available       Point and the information         11/1981 to 11/2001       Stock of unsold finished goods of XY currently equate to       To inventories in the dist dist dist dist dist dist dist dist								Feb May Aug Nov				
Wording of question	3.38)	stinwe	stock of inventories	s in weeks								
02/2001 to 11/2001       No questionnaires for the East available       Sock of inventories in weeks in weeks in weeks in weeks in weeks of production (measured by the current) equate to       Image: the stand in the sta	Wording	of question										
No questionnaires for the East available       Stock of inventories in weeks in weeks in evel weeks in the state available       Stock of inventories in weeks in	02/2001 to 1	1/2001						Further information				
02/1980 to 08/1981       "03 (1980)         Stock of inventories       "or stock of inventories         Our stock of unsolid finished goods of XY currently equate to       Image: the finished goods of XY currently equate to         Image: the state in the finished goods of XY currently equate to       Image: the finished goods of XY currently equate to         Image: the state in the finished goods of XY currently equate to       Image: the finished goods of XY currently equate to         Image: the state in the finished goods of XY currently equate to       Image: the finished goods of XY currently equate to         Image: the finished goods of XY currently equate to       Image: the finished goods of XY currently equate to         Image: the finished goods of XY currently equate to       Image: the finished goods of XY currently equate to         Image: the finished goods of XY currently equate to       Image: the finished goods of XY currently equate to         Image: the finished goods of XY currently equate to a       Image: the finished goods of XY currently equate to a         Stock of inventories       Out stock of unsolid finished goods of XY currently equate to a         Stock of inventories       Out stock of unsolid finished goods of XY currently equate to a								Stock of inventories in weeks in weeks				
02/1980 to 08/1981       "ess than 1/2" = 0.3 weeks         Stock of inventories       0.5       0.5       1       2       3       4       5       6       "more than 6, 6       action 1/2" = 0.3 weeks       a weeks       a weeks of production (measured by the current extent of production)       a weeks of production (measured by the current extent of production)       in fact       a more than 6, 6       action 1/2" = 0.3 weeks       a weeks </td <td>uestion</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	uestion											
Stock of unventories Our stock of unsold finished goods of XY currently equate to       = 8 weeks         Heis than 0.5       0.5       1       2       3       4       5       6       more than 6, in fact	02/1980 to 0	18/1981						"less than 1/2" = 0,3 weeks				
Our stock of unsold finished goods of XY currently equate to              In fact             In fa	Stock of inve	entories										
weeks of production (measured by the current extent of production) 11/1981 to 11/2001 Stock of inventories Our stock of unsold finished goods of XY currently equate to no inventories the $0.5$ $1$ $2$ $3$ $4$ $5$ $6$ more than $6$ , weeks of production (measured by the current extent of production) since 02/2002 Stock of unsold finished goods of XY currently equate to a			currently equate to					- o neeks				
Stock of inventories Our stock of unseld finished goods of XY currently equate to no inventories the 0.5 is 0.5			urrent extent of production)									
Our stock of unsold finished goods of XY currently equate to       Image:												
weeks of production (measured by the current extent of production) since 02/2002 Stock of inventories Our stock of unsold finished goods of XY currently equate to a			currently equate to									
since 02/2002 Stock of inventories Our stock of unsold finished goods of XY currently equate to a		no inventories th	an 0,5 0,5 1 2 3	4 5 6	more than 6, in fact							
Stock of inventories Our stock of unsold finished goods of XY currently equate to a	weeks of pro	duction (measured by the c	urrent extent of production)									
Our stock of unsold finished goods of XY currently equate to a	since 02/200	12										
less         production ofweeks**         more than 6,           no inventories         that         0,5         1         2         3         4         5         6         in fact			currently equate to a									
		no inventories tha	less production of 0,5 0,5 1 2 3	weeks**   4   5   6	more than 6, in fact							
**measured by the current extent of production	**measured by	the current extent of production										

weeks of production (measured by the current extent of production)													
11/1981 to 02/199	94												
Feedstock Our stock of the ra	aw materials an	d pre-materials m	ost important to u	us are currently s	sufficient for								
	no feedstoo	k than 0,5	0,5 1 2	3 4 5 6	more than 6, in fact								
weeks of production	on (measured b	by the current exte	ent of production)										
05/1994													
[]	dstock stock of the most important raw materials and pre-materials to produce XY is currently												
weeks of production	on (measured b	by the current exte	ent of production)										
08/1994 to 11/200	)1												
Feedstock Our stock of the ra													
	no feedstoo	k than 0,5	0,5 1 2	3 4 5 6	more than 6, in fact								
weeks of production					I								
-1													
since 02/2002 Feedstock Our stock of the ra	aw materials an	d pre-materials m	ost important to u	us for the produc	tion of XY are cur	rently sufficient fo	or						
						,							
	no feedstoo	k than 0,5	0,5 1 2	3 4 5 6	in fact								
**measured by the cur	rrent extent of proc	fuction											
Time span of v	ariable												
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989				
WEST													
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999				
WEST													
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009				
WEST	AST												
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019				

Time span of variable
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989
WEST
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999
WEST
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009
WEST
EAST
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
WEST
EAST

Survey period

3.39)	emppro2		employees in pro	duction			West 09/198			annual survey*
							East 01/1991			monthly survey
Wording	of question						East and Wes	t since 11/200	)1	annual survey**
										Further information
01/1991 to	11/2001 maires for the East ava	ilahle								Employees in production for XY
no questio		liubic								* annual survey
09/1980										1980: inquiry in September 1981 - 2000: inquiry in October
Number of	employees (employees	and workers sta	te Sentember 198	(1) assigned to the	e production of X	v				1994: no inquiry
				-, 8						** annual survey in November
			about		persons					Note West: The data is only inquired annually
										but appears in the datasets monthly.
10/1981 to	10/1997									This is due to the fact, that every month the data of the annual survey is transferred manually.
Number of State: End o	employees of [month] [year]***									The data of the current survey is normally transferred 2-3 months after the survey
	[] persons in the who		nestic companies of	only).						Example:
Thereof for	the production of XY a	re assigned		De	rsons					For November, December 2002 the variable emppro2 contains the value of the survey from
										November 2001. Since January 2003 the variable emppro2 contains the value of the survey from
10/1998										Nov 02
Number of	employees									***West 10/1995 to 10/1997 Month and year of the previous reporting interval
	[] persons in the who		nestic companies of	only).						Example 10/1995:
Thereof for	the production of XY a	re assigned		ре	rsons					"State: End of September 1995" East 01/1991 to 06/2000
										"State: End of month under reports"
since 10/19	99									
Number of	employees									
We occupy	[] persons in the who	le company (dor	nestic companies of	only).						
Thereof for	the production of XY a	re assigned			rsons					
			(possibly esti	mations by share						
<b>T</b> :										
	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										
										1

No. Name

emplinc

3.40)

Name Label

increase of employees in %

No. Name Label

Survey period East 01/1991 to 12/2000 Survey frequency monthly survey

Survey frequency

Wording of question									
01/1991 to 12/2000 There are no questionnaires	for the East available.	The following wor	ding is taken fror	n previous lists c	of variables				Further information Increase of employees for the production of XY in %
01/1991 to 12/2000 During the next 3 months th in cyclical regards - therefor			ions	' will []					
Time span of variable	1982	1983	1984	1985	1986	1987	1988	1989	

19	990	1991	1992	1993	1994	1995	1996	1997	1998	1999
		EAST								
20	000	2001	2002	2003	2004	2005	2006	2007	2008	2009
EAST										
20	010	2011	2012	2013	2014	2015	2016	2017	2018	2019

Survey frequency Survey period Label

East 01/1991 to 12/2000

monthly survey

empldec Wording of question

No. Name

Name

decrease of employees in %

Label

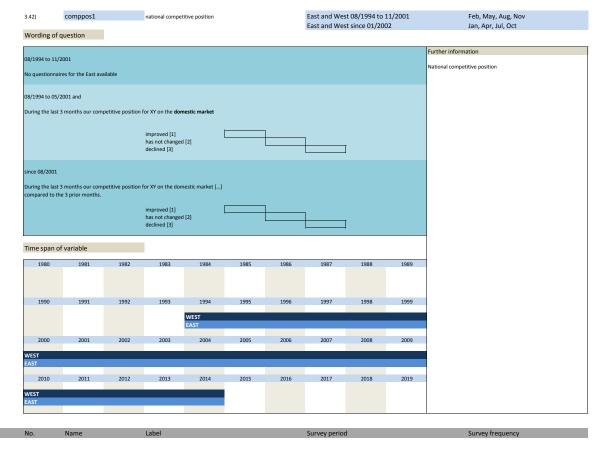
No.

3.41)

										Further information
/1991 to 12/2										Decrease of employees for the production in %
here are no qu	estionnaires for th	e East available.	The following wor	ding is taken from	n previous lists of	variables				
1/1991 to 12/2	2000									
	3 months the num ds - therefore by e				( will []					
			decrease by abou	ıt 9/						
			uccrease by abou	π						
ime span of	fvariable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	EAST									
			2003	2004	2005	2006	2007	2008	2009	
	2001				2005	2006	2007	2008	2009	
2000	2001	2002								
2000	2001	2002								
2000 AST										
2000	2001 2011	2002	2013	2014	2015	2016	2017	2018	2019	
2000 AST				2014	2015	2016	2017	2018	2019	

Survey period

Survey frequency



	comppos2		EU competitive	position			East and We East and We	st 08/1994 to st since 01/20		Feb, May, Aug, Nov Jan, Apr, Jul, Oct
Wording of	question									,,,,
08/1994 to 11/	2001									Further information
No questionnai	ires for the East ava	ilable								EU competitive position
08/1994 to 05/	2001 and									
During the last	three months our c	ompetitive pos	sition for XY on the	foreign markets	s inside of the Euro	pean Union				
			improved [1]		<b></b>	1				
			has not changed declined [3]	[2]	L			1	_	
			no export [4]						]	
since 08/2001										
During the last compared to th	three months our one prior 3 months	ompetitive pos	sition for XY on the	foreign markets	s inside of the Euro	pean Union []				
			improved [1] has not changed	1 [9]		]	7			
			declined [3] no export [4]	[2]		ļ	ļ		1	
									-	
Time span o										-
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994 WEST	1995	1996	1997	1998	1999	
				EAST						
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										
No.	Name		Label				Survey perio	d		Survey frequency
3.44)	comppos3							ct 09/1004 to	11/2001	Feb May Aug Ney
			competitive pos	ition abroad			East and We East and We	st 08/1994 to st since 01/20		Feb, May, Aug, Nov Jan, Apr, Jul, Oct
Wording of	question		competitive posi	ition abroad						Jan, Apr, Jul, Oct
08/1994 to 11/	2001		competitive pos	ition abroad						
08/1994 to 11/		ilable	_ competitive pos	ition abroad						Jan, Apr, Jul, Oct
08/1994 to 11/	2001 ires for the East ava	ilable	competitive pos	ition abroad						Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/	2001 ires for the East ava				s outside of the Eur	ropean Union				Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/	2001 ires for the East ava 2001 and		sition for XY on the improved [1]	foreign markets	s outside of the Eur	opean Union				Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/	2001 ires for the East ava 2001 and		sition for XY on the improved [1] has not changed declined [3]	foreign markets	s outside of the Eur	opean Union				Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last	2001 ires for the East ava 2001 and		sition for XY on the improved [1] has not changed	foreign markets	s outside of the Eur	opean Union				Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001	2001 ires for the East ava 2001 and three months our c	ompetitive pos	improved [1] has not changed declined [3] no export [4]	foreign markets		<u> </u>	East and We			Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last	2001 ires for the East ava 2001 and	ompetitive pos	improved [1] has not changed declined [3] no export [4]	foreign markets		<u> </u>	East and We			Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last	2001 ires for the East ava 2001 and three months our c	ompetitive pos	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed	foreign markets [2]		<u> </u>	East and We			Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last	2001 ires for the East ava 2001 and three months our c	ompetitive pos	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1]	foreign markets [2]		<u> </u>	East and We			Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th	2001 ires for the East ava 2001 and three months our c three months our c	ompetitive pos	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3]	foreign markets [2]		<u> </u>	East and We			Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last	2001 ires for the East ava 2001 and three months our c three months our c	ompetitive pos	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3]	foreign markets [2]		<u> </u>	East and We			Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th Time span o	2001 ires for the East ava 2001 and three months our o three months our o the prior 3 months	ompetitive po:	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4]	foreign markets [2] foreign markets	soutside of the Eur	opean Union [	East and We	st since 01/20	]	Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th Time span O 1980	2001 ires for the East ava 2001 and three months our c three months our c the prior 3 months f variable 1981	ompetitive por	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4]	foreign markets [2] [2] [2] [2] [2]	s outside of the Eur	ropean Union [	East and We:	1988	]	Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th Time span o	2001 irres for the East ava 2001 and three months our o three months our o the prior 3 months	ompetitive po:	sition for XY on the improved [1] has not charged declined [3] no export [4] sition for XY on the improved [1] has not charged declined [3] no export [4] 1983	foreign markets [2] foreign markets [2] 1984 1994	soutside of the Eur	opean Union [	East and We	st since 01/20	]	Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th Time span o 1980	2001 ires for the East ava 2001 and three months our of three months our of the prior 3 months if variable 1981 1991	ompetitive por ompetitive por 1982	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4] 1983	foreign markets [2] foreign markets [2] 1984 UVEST EAST	s outside of the Eur	opean Union [ 1986	East and We:	1998	02 ] ] 1989 1999	Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th Time span o 1980 1990	2001 ires for the East ava 2001 and three months our c three months our c the prior 3 months f variable 1981	ompetitive por	sition for XY on the improved [1] has not charged declined [3] no export [4] sition for XY on the improved [1] has not charged declined [3] no export [4] 1983	foreign markets [2] foreign markets [2] 1984 1994	s outside of the Eur	ropean Union [	East and We:	1988	]	Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th Time span o 1980	2001 ires for the East ava 2001 and three months our of three months our of the prior 3 months if variable 1981 1991	ompetitive por ompetitive por 1982	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4] 1983	foreign markets [2] foreign markets [2] 1984 UVEST EAST	s outside of the Eur	opean Union [ 1986	East and We:	1998	02 ] ] 1989 1999	Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th Time span 0 1980 1990 2000 WEST EAST 2010	2001 ires for the East ava 2001 and three months our of three months our of the prior 3 months if variable 1981 1991	ompetitive por ompetitive por 1982	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4] 1983	foreign markets [2] foreign markets [2] 1984 UVEST EAST	s outside of the Eur	opean Union [ 1986	East and We:	1998	02 ] ] 1989 1999	Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th 1980 1990 2000 WEST EAST	2001 ires for the East ava 2001 and three months our of three months our of f variable 1981 1991 2001	ompetitive por ompetitive por 1982 1992 2002	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4] 1983 1993 2003	foreign markets [2] foreign markets [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	soutside of the Eur     1985     1995     2005	opean Union [ 1986 1996	East and We:	1998 2008		Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th 1980 1990 2000 WEST EAST 2010	2001 ires for the East ava 2001 and three months our of three months our of f variable 1981 1991 2001	ompetitive por ompetitive por 1982 1992 2002	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4] 1983 1993 2003	foreign markets [2] foreign markets [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	soutside of the Eur     1985     1995     2005	opean Union [ 1986 1996	East and We:	1998 2008		Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th 1980 1990 2000 WEST EAST 2010	2001 ires for the East ava 2001 and three months our of three months our of f variable 1981 1991 2001	ompetitive por ompetitive por 1982 1992 2002	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4] 1983 1993 2003	foreign markets [2] foreign markets [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	soutside of the Eur     1985     1995     2005	opean Union [ 1986 1996	East and We:	1998 2008 2018		Jan, Apr, Jul, Oct
08/1994 to 11/ No questionnai 08/1994 to 05/ During the last since 08/2001 During the last compared to th 1980 1990 2000 WEST EAST 2010 WEST EAST	2001 ires for the East ava 2001 and three months our c three months our c f variable 1981 1991 2001 2001 2001 2001 2001	ompetitive por ompetitive por 1982 1992 2002	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4] 1983 1993 2003 2003 2003	foreign markets [2] foreign markets [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	coutside of the Eur     c	opean Union [ 1986 1996	East and We:	1998 1998 2008 2018		Jan, Apr, Jul, Oct  Further information Competitive position abroad
08/1994 to 11/ No questionnal 08/1994 to 05/ During the last since 08/2001 During the last compared to th Time span o 1980 1990 2000 WEST EAST 2010 WEST EAST	2001 ires for the East ava 2001 and three months our c three months our c f variable 1981 1991 2001 2001 Name ranord2	ompetitive por ompetitive por 1982 1992 2002	sition for XY on the improved [1] has not changed declined [3] no export [4] sition for XY on the improved [1] has not changed declined [3] no export [4] 1983 1993 2003	foreign markets [2] foreign markets [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	coutside of the Eur     c	opean Union [ 1986 1996	East and Wei	1998 1998 2008 2018		Jan, Apr, Jul, Oct  Further information Competitive position abroad

	no orders	up to ab 1/2 1 2 3 4	out month(s) 5 6 7 8 9	10 state nu	for more than 10, p mber of months	please				Because of the alignment of economic cycle surveys inside of the EU the wording of the questions was adapted to the survey periods of the countries. This caused that the questions regarding the range of orde would have been shifted by about one month.
										That is why the question regarding the range of orders was posed twice since the first quarter of 2002,
me span of	variable									with the distinction that it is inquired after the
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	running month (ranord) and the previous month (ranord2)
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Coding in the dataset non = [0] less than 1/2 = [5] 1 = [10] 5 = [50] 9 = [90] more than 10 = handwritten entry
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	or if just ticked = [120]
		WEST EAST								2 = [20] 3 = [30] 4 = [40] 6 = [60] 7 = [70] 8 = [80] 10 = [100]
	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Survey period

No. Name Label

Survey frequency

 3.46)
 uticappc2
 capacity utilization in % (end of prev. month)
 East and West 01/2002 to 01/2008
 Jan, Apr, Jul, Oct

 Wording of question

											Further information
	01/2002 to 01/20	008									
	No questionnaire	es for the East av	ailable	Capacity utilization in % (end of prev. Month)							
											Coding in the dataset
											Number above the ticked box
1	01/2002 to 01/20	008									more than 100 % = handwritten entry or if just ticked = [120]
			of our plant to pro	duce XY (customa	ry full capacity u	tilization = 100%)	is up to []%				
	n the previous n	nonth it was up t	0		more	han 100%					
			30 40 50 60 70	75 80 85 90 9							
L											
	Time span of	variable									
Г	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	2000	2001	2002	2005	2004	2003	2008	2007	2008	2009	
			WEST								
			EAST								
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name		Label				Survey perio	d		Survey frequency
3.47) Wording of	emppro question		employees				East 01/1991	01 to 10/2001 L to 06/2001 st since 11/20	01	annual survey* monthly survey annual survey**
										Further information
01/1991 to 11	/2001									
No questionna	aires for the East ava	ailable								persons occupied in the company
										*1991 - 2000: inquiry in October
10/1991 to 10	/1997									1994: no inquiry **annual survey in November
-	n <b>ployees</b> onth] [year]*** ompany (domestic o	companies only) 1	we occupy	ре	ersons					Note West: The data is only inquired annually but appears in the datasets monthly. This is due to the fact, that every month the data of the annual survey is transferred manually. The data of the current survey is normally transferred 2-3 months after the survey
since 10/1998 Number of en In the whole c		companies only)	we occupy							Example: For November, December 2002 the variable emppro contains the value of the survey from November 2001. Since January 2003 the variable emppro contains the value of the survey from Nov 02
				pe	ersons					100/02
										***West 01/1994 to 10/1997
Time span o	of variable									month and year of the previous reporting interval
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Example 10/1995: "State: End of September 1995"
										East 01/1994 to 06/2000 "State: End of month under reports"
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	WEST EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

WEST										
EAST 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										
No.	Name		Label				Survey perio	d		Survey frequency
3.48)	credit		credit allocation				West 06/200 and since 11,			Mrch, Aug monthly survey
							East 06/2003			Mrch, Aug
Wording of q	uestion						and since 11,			monthly survey
										Further information
since 07/2003										Credit allocation
How do youevalu		accommodating	iks to grant loans?		1					2003: June, August Standard question since 11/2008. see 2.19)
		normal [2] reserved [3]	, (±) [			]	1			Standard question since 11/2000. See 2.15)
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2002	2004	2005	2000	2007	2000	2000	
2000	2001	2002	2003 WEST EAST	2004	2005	2006	2007	2008	2009	
2010	2011	2012	EAST 2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										
No.	Name		Label				Survey perio	d		Survey frequency
	Name J1		Label Japan crisis q1				Survey period			Survey frequency once
	J1									
3.49)	J1									once Further information
3.49) Wording of q 05/2011 Are you currenth	J1 uestion	ectly affected via t the next 3 mont	Japan crisis q1	by supply short.	age resulting from					once
3.49) Wording of q 05/2011 Are you currenth	J1 uestion y directly or indir	ectly affected via the next 3 mont	Japan crisis q1	by supply short.	age resulting from					once Further information
3.49) Wording of q 05/2011 Are you currenth and/or will you b	J1 uestion y directly or indir	ectly affected via the next 3 mont	Japan crisis q1	by supply short.	age resulting from		East and We			once Further information
3.49) Wording of q 05/2011 Are you currenth and/or will you b currently:	J1 uestion y directly or indir we affected during	ectly affected via the next 3 mont	Japan crisis q1	by supply short.	age resulting from		East and Wes			once Further information
3.49) Wording of q 05/2011 Are you currenth and/or will you b	J1 uestion y directly or indir we affected during	actly affected via the next 3 mont 1982	Japan crisis q1	by supply short	age resulting from		East and Wes		1989	once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of	J1 uestion y directly or indir e affected during variable	; the next 3 mont	Japan crisis q1 other presuppliers ths?			n the Japan crisis	East and We yes [1] no [2]	st 05/2011	1989	once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of	J1 uestion y directly or indir e affected during variable	; the next 3 mont	Japan crisis q1 other presuppliers ths?			n the Japan crisis	East and We yes [1] no [2]	st 05/2011	1989	once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980	J1 uestion y directly or indir y directly or indir se affected during variable 1981	the next 3 mont	Japan crisis q1 other presuppliers hs?	1984	1985	n the Japan crisis	East and We:	1988		once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980	J1 uestion y directly or indir y directly or indir se affected during variable 1981	the next 3 mont	Japan crisis q1 other presuppliers hs?	1984	1985	n the Japan crisis	East and We:	1988		once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980 1990	J1 uestion y directly or indir e affected during variable 1981 1991	1982 1992	Japan crisis q1 other presuppliers chs?	1984 1994	1985	n the Japan crisis	East and We: yes [1] no [2] 1987	1988 1998	1999	once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980 1990 2000	J1 uestion y directly or indir y directly or indir y arriable 1981 1991 2001 2011	1982 1992	Japan crisis q1 other presuppliers chs?	1984 1994	1985	n the Japan crisis	East and We: yes [1] no [2] 1987	1988 1998	1999	once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980 1990 2000	J1 uestion y directly or indir y directly or ind	1982 1992 2002	Japan crisis q1 other presuppliers ths? 1983 1993 2003	1984 1994 2004	1985 1995 2005	n the Japan crisis	East and We: yes [1] Ino [2] 1987 1997 2007	st 05/2011	1999 2009	once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980 1990 2000 2010	J1 uestion y directly or indir y directly or indir y ariable 1981 1991 2001 2001 2011 WEST EAST	1982 1992 2002	Japan crisis q1 other presuppliers ths? 1983 1993 2003 2013	1984 1994 2004	1985 1995 2005	n the Japan crisis	East and We: yes [1] no [2] 1987 1997 2007 2017	st 05/2011	1999 2009	Further information Japan crisis question 1
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980 1990 2000 2010 2010 No.	J1 uestion y directly or indir y directly or indir variable 1981 1981 1991 2001 2001 2001 2011 WEST EAST	1982 1992 2002	Japan crisis q1 other presuppliers ths? 1983 1993 2003	1984 1994 2004	1985 1995 2005	n the Japan crisis	East and We: yes [1] no [2] 1987 2007 2017 Survey perior	st 05/2011	1999 2009	once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently:  Time span of 1980 1990 2000 2010 No. 3.50)	J1 uestion y directly or indir y directly or indir variable 1981 1991 2001 2001 2001 2001 2001 2001 200	1982 1992 2002	Japan crisis q1 other presuppliers ths? 1983 1993 2003 2013	1984 1994 2004	1985 1995 2005	n the Japan crisis	East and We: yes [1] no [2] 1987 1997 2007 2017	st 05/2011	1999 2009	Further information Japan crisis question 1
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: 1980 1990 2000 2010 2010 No.	J1 uestion y directly or indir y directly or indir variable 1981 1991 2001 2001 2001 2001 2001 2001 200	1982 1992 2002	Japan crisis q1 other presuppliers ins? ins? ins	1984 1994 2004	1985 1995 2005	n the Japan crisis	East and We: yes [1] no [2] 1987 2007 2017 Survey perior	st 05/2011	1999 2009	Further information         Japan crisis question 1         .
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980 1990 2000 2010 2010 2010 3.50) Wording of q	J1 uestion y directly or indir y directly or indir y ariable 1981 1981 1981 2001 2001 WEST EAST Name J2 UU UU UU UU UU UU UU UU UU U	1982 1992 2002 2012	Japan crisis q1 other presuppliers ins? ins? ins? ins? ins? ins? ins? ins	1984 1994 2004 2014	1985 1995 2005 2015	n the Japan crisis	East and We: yes [1] no [2] 1987 2007 2017 Survey perior	st 05/2011	1999 2009	Once Further information Japan crisis question 1
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980 1990 2000 2010 2010 2010 No. 3.50) Wording of q 05/2011 Are you currently	J1 uestion y directly or indir y directly or indir y ariable 1981 1981 1981 2001 2001 WEST EAST Name J2 UU UU UU UU UU UU UU UU UU U	1982 1992 2002 2012 2012	Japan crisis q1 other presuppliers 1983 1993 2003 2013 Label Japan crisis q2 other presuppliers	1984 1994 2004 2014	1985 1995 2005 2015	n the Japan crisis	East and We: yes [1] no [2] 1987 2007 2017 Survey perior	st 05/2011	1999 2009	Once Further information Japan crisis question 1 Survey frequency Once Further information
3.49) Wording of q 05/2011 Are you currently and/or will you b currently: Time span of 1980 1990 2000 2010 2010 2010 No. 3.50) Wording of q 05/2011 Are you currently	J1 uestion y directly or indir variable 1981 1991 2001 2011 WEST EAST Name J2 Uestion J2 Uestion	1982 1982 2002 2012 2012 ectly affected via the next 3 mont	Japan crisis q1 other presuppliers inter presuppliers 2003 2013 2013 Label Japan crisis q2 other presuppliers th?	1984 1994 2004 2014	1985 1995 2005 2015	n the Japan crisis	East and We: yes [1] no [2] 1987 2007 2017 Survey perior	st 05/2011	1999 2009	Once Further information Japan crisis question 1 Survey frequency Once Further information

1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	WEST EAST								

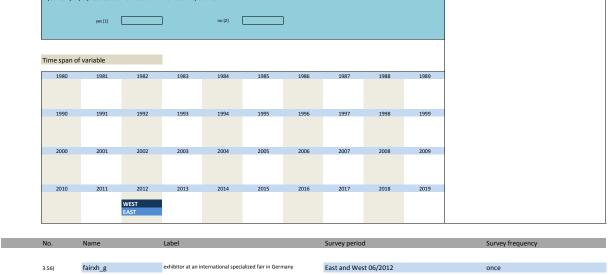
 3.51)
 J3
 Japan crisis q3
 East and West 05/2011
 once

											Further information
	05/2011			Innan minis question 2							
			rectly affected via o g the next 3 month	Japan crisis question 3							
	currently:		If yes: (reference Our methods: re		tion			yes [1] ]no [2]			
l											
1											
	Time span of	variable									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST									

No.	Name		Label		Survey period					Survey frequency
			_							
3.52)	J4		Japan crisis q4				East and Wes	st 05/2011		once
Wording o	of question									
										Further information
05/2011										Japan crisis question 4
Are you curre and/or will ye	ently directly or indire ou be affected during	ectly affected via the next 3 mont	other presupplier ths?	s by supply shorta	age resulting from	n the Japan crisis				
During the ne	ext 3 months:					r				
						L	yes [1]			
							no [2]			
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	-
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
	WEST									
	EAST									
-										*

3.53)	J5	Japan crisis q5	East and West 05/2011	once
Wording of	question			
				Further information
	tly directly or indirectly affected via I be affected during the next 3 mont	other presuppliers by supply shortage resulting from the Japan crisis ths?		Japan crisis question 5

During the next	: 3 months:	If yes: (reference Our methods: ot	her suppliers				yes [1] no [2]			
Time span o										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	
No.	Name		Label	_		_	Survey period	1		Survey frequency
3.54)	J6		Japan crisis q6				East and Wes	it 05/2011		once
Wording of	question									
										Further information
05/2011 Are you curren and/or will you	itly directly or indire i be affected during	the next 3 month	ns?	s by supply short	age resulting fror	n the Japan crisis				Further information
05/2011 Are you curren	t 3 months:	ectly affected via o the next 3 month If yes: (reference Our methods: re-	to question J1)		age resulting fror		]yes [1] ]no [2]			
05/2011 Are you curren and/or will you	i be affected during	the next 3 month If yes: (reference	to question J1)		age resulting fror		]yes [1]			
05/2011 Are you curren and/or will you During the next	i be affected during	the next 3 month If yes: (reference	to question J1)		age resulting fror		]yes [1]	1988	1989	
05/2011 Are you curren and/or will you During the next Time span o	i be affected during t 3 months: of variable	; the next 3 month If yes: (reference Our methods: re-	rs? to question J1) duction of produc	tion			]yes [1] ]no [2]	1988	1989	
05/2011 Are you curren and/or will you During the next Time span o 1980	t 3 months: yf variable 1981	the next 3 month If yes: (reference Our methods: re- 1982	to question J1) duction of production 1983	tion 1984	1985	1986	]yes [1] ]no [2] 1987			
05/2011 Are you curren and/or will you During the next Time span O 1980	t 3 months: of variable 1981 1991 2001 2011	If yes: (reference Our methods: re 1982 1992	rs? • to question J1) duction of produc 1983 1993	tion 1984 1994	1985	1986	]yes [1] ]no [2] 1987 1997	1998	1999	
05/2011 Are you curren and/or will you During the next Time span o 1980 1990 2000	t 3 months: of variable 1981 1991 2001	If yes: (reference Our methods: re 1982 1992 2002	to question J1) duction of product 1983 1993 2003	1984 1994 2004	1985 1995 2005	1986	]yes [1] ]no [2] 1987 1997 2007	1998 2008	1999 2009	
05/2011 Are you curren and/or will you During the next Time span o 1980 1990 2000	t 3 months: of variable 1981 1991 2001 2011 WEST	If yes: (reference Our methods: re 1982 1992 2002 2012	to question J1) duction of product 1983 1993 2003	1984 1994 2004	1985 1995 2005	1986	]yes [1] ]no [2] 1987 1997 2007	1998 2008 2018	1999 2009	
05/2011 Are you curren and/or will you During the next 1980 2000 2010 No. 3.55)	t 3 months: of variable 1981 1991 2001 2011 WEST EAST Name fairxh	the next 3 month If yes: (reference Our methods: re 1982 1992 2002 2012	to question J1) duction of product 1983 1993 2003 2013	tion 1984 1994 2004 2014	1985 1995 2005 2015	1986	yes [1] ]no [2] 1987 1997 2007 2017	1998 2008 2018	1999 2009	Japan crisis question 6
05/2011 Are you curren and/or will you During the next Time span o 1980 2000 2010 2010 No.	t 3 months: of variable 1981 1991 2001 2011 WEST EAST Name fairxh	the next 3 month If yes: (reference Our methods: re 1982 1992 2002 2012	to question J1) duction of production 1983 1993 2003 2013 Label	tion 1984 1994 2004 2014	1985 1995 2005 2015	1986	]ves [1] ]no [2] 1987 1997 2007 2017 2017 Survey period	1998 2008 2018	1999 2009	Japan crisis question 6



Wording of question

										Further information
06/2012			Exhibitor at an international specialized fair in Germany							
Is your company	represented as a	an exhibitor at an ir								
[]										
If yes, internatio	onal specialized fa	irs								
	- in Germany	[1]	]							
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011		2015	2014	2010	2010	2017	1010	2313	
		WEST EAST								

No. Name Label

Survey period

Survey frequency

 3.57)
 fairxh\_e
 exhibitor at an international specialized fair in a foreign European country
 East and West 06/2012
 once

										Further information
06/2012										
ls your company	represented as	an exhibitor at an i	nternational spec	ialized fair?						Exhibitor at an international specialized fair in a foreign European country
]										
If yes, internation	nal specialized fa	iirs								
	- in a foreign	European country	[1]							
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	-
1980	1961	1962	1965	1904	1905	1990	1967	1900	1969	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								

No. Name Label Survey period Survey frequency

 
 3.58)
 fairxh\_ne
 exhibitor at an international specialized fair in a country outside Europe
 East and West 06/2012
 once

00 (2012										Further information
06/2012										Exhibitor at an international specialized fair in a country outside of
Is your company	represented as a	an exhibitor at an ir	Europe							
[]										
If yes, internatio	nal specialized fa	irs								
	- in a country	outside of Europe	[1]							
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST								
		EAST								
										1

3.59) fairxhexp exhibitor at an international specialized fair during next 2-3 years East and West 06/2012 once Wording of question Further information 06/2012 Exhibitor at an international specialized fair during the next 2-3 Will your company be represented as an exhibitor at an international specialized fair during the next 2-3 years? ears yes [1] no [2] Time span of variable WEST

Survey frequency

once

Survey frequency

No. Name Label Survey period

Label

No. Name

 3.60)
 fairxhexp\_g
 exhibitor at an international specialized fair in Germany during next
 East and West 06/2012

 2-3 years
 2-3 years

## Further information 06/2012 Exhibitor at an international specialized fair in Germany during the next 2-3 years Will your company be represented as an exhibitor at an international specialized fair during the next 2-3 years? ..... If yes, interr ational specialized fairs - in Germany [1] Time span of variable WEST

Survey period

fairxhexp\_e 3.61) exhibitor at an international specialized fair in a foreign European East and West 06/2012 country during next 2-3 years once Wording of question Further information 06/2012 Exhibitor at an international specialized fair in a foreign European country during the next 2-3 years Will your company be represented as an exhibitor at an international specialized fair during the next 2-3 years? If yes, international specialized fairs - in a foreign European country [1] Time span of variable WEST

No.	Name Label							ł		Survey frequency
3.62)	fairxhexp_n	e	exhibitor at an i Europe during n	nternational spec	ialized fair in a cou	untry outside	East and Wes	it 06/2012		once
Wording of	question		Europe during i	ext 2-5 years						
06/2012										Further information
Will your comp	any be represent	ed as an exhibitor	at an internation	al specialized fair	during the next 2-	3 years?				Exhibitor at an international specialized fair in a country outside of Europe during the next 23 years
[]										
If yes, internati	onal specialized f	airs								
	- in a countr	y outside of Europ	e [1]		]					
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2005	2004	2005	2000	2007	2000	2005	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								
No.	Name		Label	are of cales in fiel	d xy - last quarter		Survey period		12	Survey frequency
3.63) Wording of	csal_lq question		percentage char	ige of sales in the	u xy - iast quarter		East and Wes	at since 12/20	12	quarterly survey
since 12/2012										Further information
	ntage did your sa	les change in quar	tal "i"*							Percentage change of sales in field XY - last quarter
	nge by: t know [3]		% (please insert	positive or negat	ive integral numbe	ers) [1]				*"i" either denotes the previous quarter or the current quarter Example:
10011	cialon [5]		_							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 quarter
Time span o										Further notes:
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	[1] = A value was stated [3] = "I don't know"was stated
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012 WEST	2013	2014	2015	2016	2017	2018	2019	
		EAST								
No.	Name		Label				Survey period	ł		Survey frequency
3.64)	csal_lq_v		values: percenta	age change of sale	es in field xy - last o	quarter	East and Wes	t since 12/20	12	quarterly survey
Wording of	question									Further information
since 12/2012	atogo d <sup>il</sup> tari	los eko é	deal "i"#							Further information Values: percentage change of sales in field XY - last quarter
	ntage did your sa nge by:	les change in quar	_	positive or negat	ive integral numbe	ers)				*"I" either denotes the previous quarter or the current quarter Example:
Time span o	fvariable									If the question was posed at the beginning of the fourth quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	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 quarter
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	



Survey period

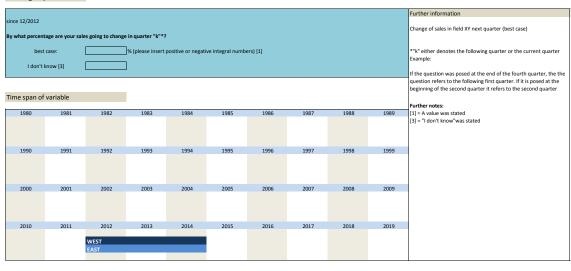
Survey frequency

Survey frequency

quarterly survey

csal\_nqbc best case//percentage change of sales in field xy - next quarter East and West since 12/2012 quarterly survey 3.65) Wording of question

Label



Survey period No. Name Label values: best case//percentage change of sales in field xy - next quarter East and West since 12/2012 csal\_nqbc\_v

Wording of question

No. Name

3.66)

	case:	es going to change	Further information Denotion of values: Change of sales in field XY next quarter (best 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							
Time span of	variable									question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								

No.	Name		Label				Survey perio	d		Survey frequency
3.67)	csal_nqac		average case//p	ercentage change	of sales in field >	y - next quarter	East and We	st since 12/20	12	quarterly survey
Wording of	question									
since 12/2012 By what perce	ntage are your sale	es going to change	e in quarter "k"*	2						Further information Change of sales in field XY next quarter (average case)
aver	age case: 't know [3]		_	positive or negati	ve integral numb	ers) [1]				*"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
Time span o	of variable									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:
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	[3] = A value was stated [3] = "I don't know"was stated
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012 WEST EAST	2013	2014	2015	2016	2017	2018	2019	

No.	Name		Label				Survey frequency			
3.68) Wording of	csal_nqac_v question		values: average quarter	case//percentage	change of sales in	quarterly survey				
	ntage are your sal	es going to chang	Further information Denotion of values: Change of sales in field XY next quarter (average case)							
Time span c	age case: of variable		% (please insert	positive or negati	ve integral numb	ers)				**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
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	beginning of the second quarter it refers to the second quarter
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012 WEST EAST	2013	2014	2015	2016	2017	2018	2019	

No. Name Label Survey period csal\_nqwc worst case//percentage change of sales in field xy - next quarter East and West since 12/2012

Survey frequency

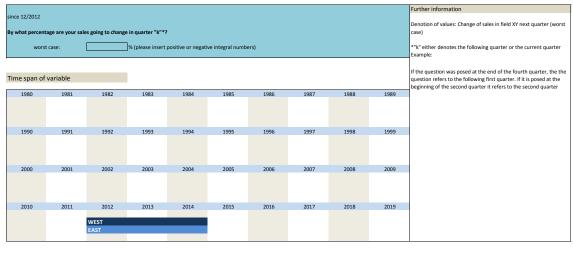
quarterly survey

Wording of question

3.69)

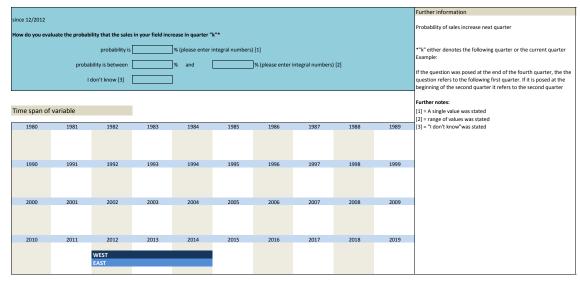
										Further information
since 12/2012 By what percent	tage are your sal	es going to change	Change of sales in field XY next quarter (worst case)							
	it case: know [3]		**K* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the							
Time span of	variable									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:
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	[1] = A value was stated [3] = "I don't know" was stated
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012 WEST EAST	2013	2014	2015	2016	2017	2018	2019	

No. Name Label Survey period Survey frequency values: worst case//percentage change of sales in field xy - next East and West since 12/2012 quarter csal\_nqwc\_v quarterly survey 3.70) Wording of question



No.	Name	Label	Survey period	Survey frequency
3.71)	psalinc	probability of sales increase - next quarter	East and West since 12/2012	quarterly survey

Wording of question



 No.
 Name
 Label
 Survey period
 Survey frequency

 3.72)
 psalinc\_min
 lower bound: probability of sales increase - next quarter
 East and West since 12/2012
 quarterly survey

 Wording of question

since 12/2012 How do you eva		ility that the sales		ease in quarter " % and		% (please enter i	integral numbers)			Further information 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
Time span of	variable									question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Further notes: The variable indicates the lower one of the two denoted values
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012 WEST EAST	2013	2014	2015	2016	2017	2018	2019	

No. Name Label Survey period Survey frequency

 3.73)
 psalinc\_max
 upper bound: probability of sales increase - next quarter
 East and West since 12/2012
 quarterly survey

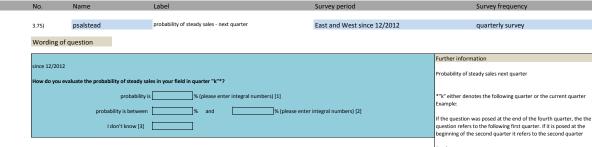
 Wording of question

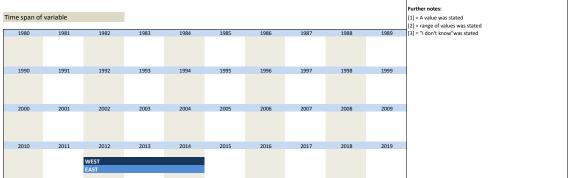
since 12/2012 How do you ev		<b>bility that the sales</b> ability is between		ease in quarter		% (please enter	integral numbers			Further information Denoted upper bound: probability of sales increase next quarter *"k" either denotes the following quarter or the current quarter Example:
Time span o	of variable									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
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	beginning of the second quarter it felers to the second quarter
										Further notes:
										The variable indicates the higher one of the two denoted values
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								
No	Mama		Labol				Curvey period	1		Survey frequency

No.	Name	Label	Survey period	Survey frequency
		_		
3.74)	psalinc_sv	single value: probability of sales increase - next quarter	East and West since 12/2012	quarterly survey
Wording of a	question			

Further information

since 12/2012 How do you eval	uate the probab	ility that the sales	in your field inci	ease in quarter "	k"*					Single value: probability of sales increase next quarter
		probability is		% (please enter i	ntegral numbers)					*"k" either denotes the following quarter or the current quarter Example:
Time span of	variable									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
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
										Further notes:
										If only one value is inserted it is contained within this variable
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	2011	2012	2013	2014		2016	2017	2018	2019	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST								
		EAST								





 No.
 Name
 Label
 Survey period
 Survey frequency

 3.76)
 psalstead\_min
 lower bound: probability of steady sales - next quarter
 East and West since 12/2012
 quarterly survey

Wording of question urther information since 12/2012 Denoted lower bound: Probability of steady sales next quarter How do you evaluate the probability of steady sales in your field in quarter "k"\*? % and % (please enter integral numbers) probability is between "k" either denotes the following quarter or the current quarter xample 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 Time span of variable Further notes: The variable indicates the lower one of the two denoted values WEST EAST No. Name Label Survey period Survey frequency 3.77) psalstead\_max upper bound: probability of steady sales - next quarter East and West since 12/2012 quarterly survey Wording of question

	Further information
since 12/2012	
	Denoted upper bound: Probability of steady sales next quarter
How do you evaluate the probability of steady sales in your field in quarter "k"*?	

	prob	ability is between		% and		% (please enter	integral numbers	)		*"k" either denotes the following quarter or the current Example:
Time span of	variable		I							If the question was posed at the end of the fourth quart question refers to the following first quarter. If it is pose beginning of the second quarter it refers to the second of
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
										Further notes:
										The variable indicates the higher one of the two denotes
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST								
		EAST								

 No.
 Name
 Label
 Survey period
 Survey frequency

 3.78)
 psalstead\_sv
 single value: probability of steady sales - next quarter
 East and West since 12/2012
 quarterly survey

 Wording of question
 Very difference
 Very difference
 Very difference
 Very difference

										Further information
since 12/2012 How do you eval	luate the probab	ility of steady sale	es in your field in	quarter "k"*?						Single value: Probability of steady sales next quarter
		probability is		% (please enter	integral numbers]	1				*"k" either denotes the following quarter or the current quarter Example:
Time span of	variable									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
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
										Further notes:
										If only one value is inserted it is contained within this variable
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST								
		EAST								
		CHOI-								

3.79)	psaldec		probability of sal	es decrease - nex	t quarter		East and Wes	t since 12/20	12	quarterly survey
Wording of	question									
since 12/2012										Further information
	aluate the probab	ility that your sal	es decrease in qu	arter "k"*						Probability of sales decrease next quarter
		probability is		% (please enter i	ntegral numbers]	)[1]				*"k" either denotes the following quarter or the current quart
	proba	bility is between		% and		% (please enter	integral numbers)	[2]		Example:
	I	don't know [3]		]						If the question was posed at the end of the fourth quarter, 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
Time span o	f variable									Further notes: [1] = A value was stated
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	<ul> <li>[2] = range of values was stated</li> <li>[3] = "I don't know"was stated</li> </ul>
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								

No.	Name	Label	Survey period	Survey frequency
3.80)	psaldec_min	lower bound: probability of sales decrease - next quarter	East and West since 12/2012	quarterly survey
Wording	of question			
				Further information
since 12/20				Denoted lower bound: Probability of sales decrease next quarter
How do you	u evaluate the probability that your	ales decrease in quarter "k"*		
	probability is betwee	n % and % (please en	ter integral numbers)	*"k" either denotes the following quarter or the current quarter Example:

Time span of	f variable									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
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
										Further notes:
										The variable indicates the lower one of the two denoted values
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST								
		EAST								
L.										1

No. Survey period Survey frequency Name Label

upper bound: probability of sales decrease - next quarter psaldec\_max East and West since 12/2012 quarterly survey 3.81) Wording of question

since 12/2012 How do you eva		<b>ility that your sale</b> bility is between	-	Jarter "k"* ]% and	[	% (please enter	integral numbers)			Further information Denoted upper bound: Probability of sales decrease next quarter *"k" either denotes the following quarter or the current quarter Example:
Time span of										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
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further notes:
										The variable indicates the higher one of the two denoted values
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								

No. Name Label Survey period single value: probability of sales decrease - next quarter psaldec\_sv 3.82)

East and West since 12/2012

quarterly survey

Survey frequency

Wording of question

since 12/2012 How do you eva	luate the probab	<b>bility that your sale</b> probability is			integral numbers)	I				Eurther information Single value: Probability of sales decrease next quarter *"k" either denotes the following quarter or the current quarter Example:
Time span of	variable									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
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Further notes: If only one value is inserted it is contained within this variable
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012 WEST EAST	2013	2014	2015	2016	2017	2018	2019	

No.	Name	Label		Survey period	Survey frequency		
3.83)	inf_heat	influence of heatwaves on value	added	East and West 02/2013	once		
Wording	of question						
02/2013					Further information		
					Influence of heatwaves on the value added		
How did ex	treme weather conditions in the p	ast influence the value added of your co	mpany?				
		positive influence no influence [2]	negative influence				
		[1]	[3] [4]				
	heatwaves						
Time con	n of variable						

1980	1981	1002	1983	4004	1985	1986	1987	1988	1989
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011		2013 WEST EAST	2014	2015	2016	2017	2018	2019

3.84) inf\_cold influence of cold waves on value added East and West 02/2013 once

Wording of question

02/2013										Further information
1	ne weather conditi	ions in the past in	fluence the value	added of your cor	npany?					Influence of cold waves (incl. ice and snow) on the value ac
			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	cold waves (inc	I. ice and snow)								
										-
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
			WEST EAST							
No.	Name		Label				Survey period			Survey frequency

3.85) inf\_drou influence of drought on value added

East and West 02/2013

once

Wording of question

How did extre	ne weather conditi	ons in the past i	nfluence the valu	e added of your cor	npany?					Influence of drought on the value added
			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	dro	ught								
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013 WEST	2014	2015	2016	2017	2018	2019	
			EAST							
No.	Name		Label				Survey period	d		Survey frequency
							11000			2 - 14 - 14

thorang or question						
					Further inform	ation
02/2013						
					Influence of hea	avy rainfall on the value added
How did extreme weather conditions in the past in	luence the value	added of your co	mpany?			
	positive		negative	not specified		
	influence	no influence [2]	influence	[4]		
	[1]		[3]	[4]		

	heavy	rainfall								_
Time span o										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
			WEST							
			EAST							
•	Name	_	Label	_	_		C			C
	Name		Label				Survey period	1		Survey frequency
No.										
	inf_storm		influence of stor	rms on value adde	d		East and Wes	st 02/2013		once
NO. 3.87) Wording of	inf_storm		influence of stor	rms on value adde	d		East and Wes	st 02/2013		once
3.87) Wording of	inf_storm	1	influence of stor	rms on value adde	d		East and We	st 02/2013		once Further information
3.87) Wording of 02/2013	inf_storm question		-				East and Wes	st 02/2013		
3.87) Wording of 02/2013	inf_storm question	ions in the past in	nfluence the value	rms on value adde	npany?		East and Wes	st 02/2013		Further information
3.87) Wording of 02/2013	inf_storm question	ions in the past in	nfluence the value positive influence		npany? negative influence	not specified [4]	East and Wes	st 02/2013		Further information
3.87) Wording of 02/2013	inf_storm question ne weather conditi	ions in the past in	nfluence the value	added of your co	npany? negative	not specified	East and Wes	st 02/2013		Further information
3.87) Wording of 02/2013	inf_storm question ne weather conditi		nfluence the value positive influence	added of your co	npany? negative influence	not specified	East and Wes	st 02/2013		Further information
3.87) Wording of 02/2013 How did extren	inf_storm question ne weather conditi		nfluence the value positive influence	added of your co	npany? negative influence	not specified	East and Wes	st 02/2013		Further information
3.87) Wording of 02/2013 How did extrem	inf_storm question ne weather conditi sto	rms	nfluence the value positive influence [1]	added of your cor	npany? negative influence [3]	not specified [4]				Further information
3.87) Wording of 02/2013 How did extren	inf_storm question ne weather conditi		nfluence the value positive influence	added of your co	npany? negative influence	not specified	East and Wes	t 02/2013	1989	Further information
3.87) Wording of 02/2013 How did extrem	inf_storm question ne weather conditi sto	rms	nfluence the value positive influence [1]	added of your cor	npany? negative influence [3]	not specified [4]			1989	Further information
3.87) Wording of 02/2013 How did extrem	inf_storm question ne weather conditi sto	rms	nfluence the value positive influence [1]	added of your cor	npany? negative influence [3]	not specified [4]			1989	Further information
3.87) Wording of 02/2013 How did extrem Time span o 1980	inf_storm question ne weather conditi sto f variable 1981	rms 1982	nfluence the value positive influence [1] 1983	added of your cor	npany? negative influence [3] 1985	not specified [4] 1986	1987	1988		Further information
3.87) Wording of 02/2013 How did extrem Time span o 1980	inf_storm question ne weather conditi sto f variable 1981	rms 1982 1992	Influence the value	added of your con no influence [2] 1984	npany? negative influence [3] 1985	not specified [4] 1986 1996	1987	1988	1999	Further information
3.87) Wording of 02/2013 How did extrem Time span o 1980	inf_storm question ne weather conditi sto f variable 1981	rms 1982	nfluence the value positive influence [1] 1983	added of your cor	npany? negative influence [3] 1985	not specified [4] 1986	1987	1988		Further information
3.87) Wording of 02/2013 How did extrem Time span o 1980	inf_storm question ne weather conditi sto f variable 1981	rms 1982 1992	Influence the value	added of your con no influence [2] 1984	npany? negative influence [3] 1985	not specified [4] 1986 1996	1987	1988	1999	Further information
3.87) Wording of 02/2013 How did extrem Time span o 1980	inf_storm question ne weather conditi sto f variable 1981	rms 1982 1992	Influence the value	added of your con no influence [2] 1984	npany? negative influence [3] 1985	not specified [4] 1986 1996	1987	1988	1999	Further information

 3.88)
 einf\_pur
 expected influence of climate change on purchases
 East and West 02/2013
 once

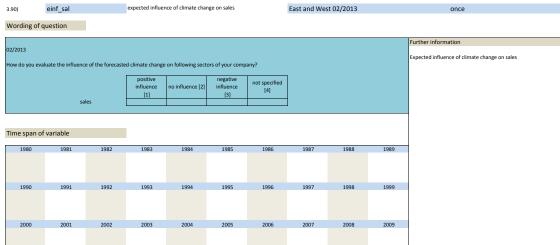
 Wording of question

02/2013										Further information
	valuate the influenc	e of the forecast	ed climate change	on following secto	rs of your comp	any?				Expected influence of climate change on purchases
	purc	nases	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013 WEST EAST	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey period	ł		Survey frequency
3.89)	3.89) einf_prod			nce of climate chan	ge on productio	n	East and Wes	t 02/2013		once
Wording of	question									
02/2013										Further information

			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	prod	uction								
Time span of	variable									
1000	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
			WEST							

No. Name

Label



Survey period

Survey frequency

								-		
No.	Name		Label				Survey period	đ		Survey frequency
			WEST EAST							
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

3.91)	einf_wast		expected influe	nce of climate char	nge on waste ma	nagement	East and We	st 02/2013		once
Wording o	fquestion									
02/2013										Further information Expected influence of climate change on waste mangem
How do you e	valuate the influenc	e of the forecast	ed climate chang	e on following sect	ors of your comp	bany?				Expected initiatice of climate change of waste mangerin
			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]	]			
	waste ma	nagement					_			
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
			WEST EAST							
No.	Name		Label				Survey perio	d		Survey frequency
3.92)	einf_log		expected influe	nce of climate char	nge on logistics		East and We	st 02/2013		once
Wording o	fquestion									

										Further information
02/2013										Expected influence of climate change on logistics
How do you eval	luate the influenc	e of the forecaste	ed climate change	on following sector	ors of your comp	any?				
			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	logi	stics								
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
			WEST							
			EAST							

No. Name Label

Survey period Survey frequency

 3.93)
 einf\_inno
 expected influence of climate change on innovations
 East and West 02/2013
 once

How do you eva	aluate the influence	e of the forecaste	d climate chang	e on following sect	ors of your comp	bany?				Expected influence of climate change on innovations
	innov	ations	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	milov									
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011		2013 WEST EAST	2014	2015	2016	2017	2018	2019	

No.	Name		Label				Survey period	ł		Survey frequency	l
3.94)	einf_pers		expected influe	nce of climate char	ige on personnel		East and Wes	st 02/2013		once	l
Wording	of question										
										Further information	ſ
02/2013										Expected influence of climate change on personnel	ĺ
How do you	evaluate the influen	ce of the forecast	ed climate change	on following sector	ors of your comp	any?				expected influence of climate change of personner	I
			positive		negative	not specified	]				I
			influence [1]	no influence [2]	influence [3]	[4]					I
	pers	sonnel					]				I
											I
Time spa	n of variable										I
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	-	I
1500	1501	1502	1505	1304	1505	1500	1507	1500	1505		I
											I
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		I
											I
											I
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		I
											I
											I
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		I
			WEST								I
			EAST								I
										1	•
No.	Name		Label				Survey period	ł		Survey frequency	l

3.95)	flight_ger	importance of fli	ght connections i	in Germany		East and West 03/2013	once
Wording of a	question						
03/2013 How important	is a flight connection to destinat	ons in [] for your c	ompany?				Further information Importance of flight connections to destinations in Germany
	Germany	very important [1]	important [2]	less important [3]	unimportant [4]	]	

Time span of	variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
1990	1991	1992	1993	1994	1992	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
2010	2011	2012	2015	2014	2015	2010	2017	2010	2015
			WEST						
			EAST						

3.96)	flight_eur	importance of flight connections in Europe	East and West 03/2013	once
Wording o	fquestion			
				Further information
03/2013	at is a flight connection to destination	ns in [ ] for your company2		Importance of flight connections to destinations in Europe

03/2013										Importance of flight connections to destinations in Europe
How important i	is a flight connecti	on to destination	ns in [] for your co	ompany?						
	Eur	ope	very important [1]	important [2]	less important [3]	unimportant [4]	]			
Time span of										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
			WEST EAST							

No.	Name	Label	Survey period	Survey frequency
3.97)	flight_world	importance of flight connections worldwide	East and West 03/2013	once

Wording of c	question									
03/2013										Further information
	is a flight connecti	ion to destinatior	ns [] for your com	ipany?						Importance of flight connections to destinations worldwide
			very important		less important	unimportant	1			
	work	dwide	[1]	[2]	[3]	[4]				
		amac					J			
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
			WEST							
			EAST							

			return on sales:						08	
Wording of	question									
										Further information
since 09/2008										
Expected surpli		of our company in	i % of the net retu	urns on sales in 2						
	if surplus:		7		if loss:					*20XX denotes the year under report
	up to 1%		[1]		0 to -1%					
	> 1 to 2%		[2]		< -1 to -2%					
	> 2 to 3%		[3]		< -2 to -3%					
	> 3 to 4%		[4]		< -3 to -4%					
	> 4%		[5]		< -4%					
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	-
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1995	1354	1995	1990	1997	1338	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
								WEST EAST		
2010	2011	2012	2012	2014	2015	2016	2017		2010	
2010 WEST	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST										
No.	Name		Label			5	Survey perio	bd		Survey frequency
3.99)	ros_surp		return on sales:	surplus			East and We	est since 09/20	08	May,Sep
Wording of								,-		
wording or	question	_								Funkhan information
since 09/2008										Further information
Expected surple	us less tax or loss	of our company in	% of the net retu	urns on sales in 2	0XX*					
	if surplus:				if loss:					
					11 1033.					\$20YY denotes the upper under report
	up to 1%				0 to -1%					*20XX denotes the year under report
	up to 1% > 1 to 2%		1							*20XX denotes the year under report
			1 1 1		0 to -1%					*20XX denotes the year under report
	> 1 to 2%		2 2 2 2		0 to -1% < -1 to -2%					*20XX denotes the year under report
	> 1 to 2% > 2 to 3%		2 2 2 2		0 to -1% < -1 to -2% < -2 to -3%					*20XX denotes the year under report
	> 1 to 2% > 2 to 3% > 3 to 4% > 4%		2 2 2 2		0 to -1% < -1 to -2% < -2 to -3% < -3 to -4%					*20XX denotes the year under report
	> 1 to 2% > 2 to 3% > 3 to 4%		2 2 2 2 3		0 to -1% < -1 to -2% < -2 to -3% < -3 to -4%					*20XX denotes the year under report
	> 1 to 2% > 2 to 3% > 3 to 4% > 4%		9 9 9 9		0 to -1% < -1 to -2% < -2 to -3% < -3 to -4%					*20XX denotes the year under report
Timo con o	> 1 to 2% > 2 to 3% > 3 to 4% > 4% in fact about		9 9 9 9 9		0 to -1% < -1 to -2% < -2 to -3% < -3 to -4%					*20XX denotes the year under report
Time span o	> 1 to 2% > 2 to 3% > 3 to 4% > 4% in fact about			1924	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4%	1986	1987	1928	1089	*20XX denotes the year under report
Time span o 1980	> 1 to 2% > 2 to 3% > 3 to 4% > 4% in fact about	1982	2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1984	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4%	1986	1987	1988	1989	*20XX denotes the year under report
	> 1 to 2% > 2 to 3% > 3 to 4% > 4% in fact about			1984	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4%	1986	1987	1988	1989	*20XX denotes the year under report
	> 1 to 2% > 2 to 3% > 3 to 4% > 4% in fact about			1984	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4%	1996	1987	1988	1989	*20XX denotes the year under report
1980	> 1 to 2% > 2 to 3% > 3 to 4% > 4% in fact about f variable 1981	1982	1983		0 to -1% <-1 to -2% <-2 to -3% <-3 to -4% <-4%					*20XX denotes the year under report
1980	> 1 to 2% > 2 to 3% > 3 to 4% > 4% in fact about f variable 1981	1982	1983		0 to -1% <-1 to -2% <-2 to -3% <-3 to -4% <-4%					*20XX denotes the year under report
1980 1990	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 1991	1982 1992	1983	1994	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995	1996	1997	1998 2008 WEST	1999	*20XX denotes the year under report
1980 1990 2000	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 1991 2001	1982 1992 2002	1983 1993 2003	1994 2004	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995 2005	1996 2006	1997 2007	1998 2008 WEST EAST	1999 2009	*20XX denotes the year under report
1980 1990 2000 2010	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 1991	1982 1992	1983	1994	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995	1996	1997	1998 2008 WEST	1999	*20XX denotes the year under report
1980 1990 2000	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 1991 2001	1982 1992 2002	1983 1993 2003	1994 2004	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995 2005	1996 2006	1997 2007	1998 2008 WEST EAST	1999 2009	*20XX denotes the year under report
1980 1990 2000 2010 WEST	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 1991 2001	1982 1992 2002	1983 1993 2003	1994 2004	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995 2005	1996 2006	1997 2007	1998 2008 WEST EAST	1999 2009	*20XX denotes the year under report
1980 1990 2000 2010 WEST	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 1991 2001	1982 1992 2002	1983 1993 2003	1994 2004	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995 2005	1996 2006 2016	1997 2007	1998 2008 WEST EAST 2018	1999 2009	*20XX denotes the year under report
1980 1990 2000 2010 WEST EAST	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 1991 2001 2011 2011	1982 1992 2002	1983 1993 2003 2013 Label	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995 2005	1996 2006 2016	1997 2007 2017 Survey peric	1998 2008 WEST EAST 2018	1999 2009 2019	Survey frequency
1980 1990 2000 2010 WEST EAST No. 3.100)	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 2001 2011 2011 Name loss_cat	1982 1992 2002	1983 1993 2003 2013	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995 2005	1996 2006 2016	1997 2007 2017 Survey peric	1998 2008 WEST EAST 2018	1999 2009 2019	
1980 1990 2000 2010 WEST EAST	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 2001 2011 2011 Name loss_cat	1982 1992 2002	1983 1993 2003 2013 Label	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995 2005	1996 2006 2016	1997 2007 2017 Survey peric	1998 2008 WEST EAST 2018	1999 2009 2019	Survey frequency May,Sep
1980 1990 2000 2010 WEST EAST No. 3.100)	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 2001 2011 2011 Name loss_cat	1982 1992 2002	1983 1993 2003 2013 Label	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1995 2005	1996 2006 2016	1997 2007 2017 Survey peric	1998 2008 WEST EAST 2018	1999 2009 2019	Survey frequency
1980 1990 2000 2010 WEST EAST 3.100) Wording of i	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 2001 2011 2011 2011 Name [oss_cat question	1982 1992 2002	1993 1993 2003 2013 2013 return on sales:	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1985 2005 2015	1996 2006 2016	1997 2007 2017 Survey peric	1998 2008 WEST EAST 2018	1999 2009 2019	Survey frequency May,Sep
1980 1990 2000 2010 WEST EAST 3.100) Wording of i	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 2001 2011 2011 2011 Name [oss_cat question	1982	1993 1993 2003 2013 2013 return on sales:	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1985 2005 2015	1996 2006 2016	1997 2007 2017 Survey peric	1998 2008 WEST EAST 2018	1999 2009 2019	Survey frequency May,Sep
1980 1990 2000 2010 WEST EAST 3.100) Wording of i	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 2001 2011 2011 Name Question us less tax or loss	1982	1993 1993 2003 2013 2013 return on sales:	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1985 2005 2015 2015	2006	1997 2007 2017 Survey peric	1998 2008 WEST EAST 2018	1999 2009 2019	Survey frequency May,Sep
1980 1990 2000 2010 WEST EAST 3.100) Wording of i	> 1 to 2% > 2 to 3% > 3 to 4% in fact about f variable 1981 2001 2001 2011 2011 Vame Question us less tax or loss if surplus:	1982	1993 1993 2003 2013 2013 return on sales:	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% < -4% < 2015 2005 2015 2015	2006	1997 2007 2017 Survey peric	1998 2008 WEST EAST 2018	1999 2009 2019	Survey frequency May,Sep
1980 1990 2000 2010 WEST EAST 3.100) Wording of i	> 1 to 2% > 2 to 3% > 3 to 4% 4% In fact about f variable 2001 1991 2001 2001 2001 2001 000 2001 000 1991 1991 000 1991 1991 000 1991 <	1982	1993 1993 2003 2013 2013 return on sales:	1994 2004 2014	0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% < -4% < -4% < -2015 < 2015 < 2015 < 2015 <	1996 2006 2016	1997 2007 2017 Survey peric East and We	1998 2008 WEST EAST 2018	1999 2009 2019	Survey frequency May,Sep

					< -4%		[5]			-
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
								WEST EAST		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST		_								
EAST										
No.	Name		Label				Survey perio	od		Survey frequency
3.101)	ros_loss		return on sales:	loss			East and We	est since 09/20	108	May,Sep
Wording of c								,10		
										Further information
since 09/2008 Expected surplu	us less tax or loss	of our company in	% of the net ret	urns on sales in 20	)XX*					
, in the second s	if surplus:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			if loss:					
	up to 1%				0 to -1%		]			*20XX denotes the year under report
	> 1 to 2%				< -1 to -2%		]			
	> 2 to 3%				< -2 to -3%		1			
	> 3 to 4%				< -3 to -4% < -4%		]			
		<u></u>	1				1			
					in fact about .		%			
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991									
		1992	1993	1994	1995	1996	1997	1998	1999	
		1992		1994		1996				
2000	2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	2008	1999 2009	
2000							2007			
2010								2008 WEST		
	2001	2002	2003	2004	2005	2006	2007	2008 WEST EAST	2009	
2010 WEST EAST	2001 2011	2002	2003 2013	2004	2005	2006	2007 2017	2008 WEST EAST 2018	2009	Survey frequency
2010 WEST EAST No.	2001 2011 Name	2002 2012	2003 2013 Label	2004	2005	2006 2016	2007 2017 Survey period	2008 WEST EAST 2018	2009	Survey frequency
2010 WEST EAST No. 3.102)	2001 2011 Name russia1	2002 2012	2003 2013	2004	2005	2006 2016	2007 2017 Survey period	2008 WEST EAST 2018	2009	Survey frequency once
2010 WEST EAST No. 3.102)	2001 2011 Name russia1	2002 2012	2003 2013 Label	2004	2005	2006 2016	2007 2017 Survey period	2008 WEST EAST 2018	2009	once
2010 WEST EAST No. 3.102) Wording of c	2001 2011 Name russia1 question	2002	2003 2013 Label Russia/Ukraine	2004	2005	2006 2016	2007 2017 Survey period	2008 WEST EAST 2018	2009	
2010 WEST EAST No. 3.102) Wording of c	2001 2011 Name russia1 question	2002 2012	2003 2013 Label Russia/Ukraine	2004	2005	2006 2016	2007 2017 Survey period	2008 WEST EAST 2018	2009	once
2010 WEST EAST No. 3.102) Wording of c	2001 2011 Name russia1 question	2002	2003 2013 Label Russia/Ukraine	2004	2005	2006 2016	2007 2017 Survey period	2008 WEST EAST 2018	2009	once
2010 WEST EAST No. 3.102) Wording of c 06/2014 D) Does your co	2001 2011 Name russia1 question mpany have bus	2002 2012	2003 2013 Label Russia/Ukraine	2004 2014	2005	2006 2016	2007 2017 Survey period	2008 WEST EAST 2018	2009	once
2010 WEST EAST No. 3.102) Wording of c 06/2014 D) Does your co	2001 2011 Name russia1 question mpany have bus	2002 2012	2003 2013 Label Russia/Ukraine	2004 2014	2005	2006 2016	2007 2017 Survey period	2008 WEST EAST 2018	2009	once
2010 WEST EAST No. 3.102) Wording of c 06/2014 D) Does your co	2001 2011 Name russia1 question mpany have bus f variable	2002 2012	2003 2013 Label Russia/Ukraine o Russia?	2004 2014	2005	2006	2007 2017 Survey perio East and We	2008 WEST EAST 2018 od	2009 2019	once
2010 WEST EAST No. 3.102) Wording of c O6/2014 D) Does your co Time span of 1980	2001 2011 Name russia1 question mpany have bus f variable 1981	2002 2012 iness connections t ]yes[1]	2003 2013 Label Russia/Ukraine o Russia? 1983	2004 2014 conflict q1 no[2]	2005	2006	2007 2017 Survey perior East and We	2008 WEST EAST 2018 ad est 05/2014 at 1988	2009 2019 nd 06 2014	once
2010 WEST EAST No. 3.102) Wording of c 06/2014 D) Does your co	2001 2011 Name russia1 question mpany have bus f variable	2002 2012	2003 2013 Label Russia/Ukraine o Russia?	2004 2014	2005	2006	2007 2017 Survey perio East and We	2008 WEST EAST 2018 od	2009 2019	once
2010 WEST EAST No. 3.102) Wording of c 06/2014 D) Does your co 06/2014 D) Does your co 1980	2001 2011 Name russia1 question fvariable 1981	2002 2012 iness connections t yes[1] 1982 1992	2003   2013   2013   Label   Russia/Ukraine 0 Russia?   0 Russia?   1983   1993	2004 2014 conflict q1 no[2] 1984 1994	2005	2006	2007 2017 Survey perio East and Wo 1987 1997	2008 3 WEST EAST 2018 3 yd ast 05/2014 ar 1988 3 1998 3	2009 2019 nd 06 2014	once
2010 WEST EAST No. 3.102) Wording of c O6/2014 D) Does your co Time span of 1980	2001 2011 Name russia1 question mpany have bus f variable 1981	2002 2012 iness connections t ]yes[1]	2003 2013 Label Russia/Ukraine o Russia? 1983	2004 2014 conflict q1 no[2]	2005	2006	2007 2017 Survey perior East and We	2008 WEST EAST 2018 ad est 05/2014 at 1988	2009 2019 nd 06 2014	once
2010 WEST EAST 3.102) Wording of c 06/2014 D) Does your co 06/2014 D) Does your co 1980 1990	2001 2011 Name russia1 question fvariable 1981 1991 2001	2002 2012 2012 iness connections t yes[1] 1982 1992 2002	2003 2013 2013 2013 2014 2014 2014 2014 2014 2014 2014 2014	2004 2014 conflict q1 ]no[2] 1984 1994 2004	2005	2006	2007 2017 Survey perior East and Wo 1987 1997 2007	2008 3 WEST EAST 2018 20 2018 20	2009 1 2019 1 nd 06 2014 1 1989 1 1999 1 2009 1	once
2010 WEST EAST No. 3.102) Wording of c 06/2014 D) Does your co 06/2014 D) Does your co 1980	2001 2011 Name russia1 question fvariable 1981	2002 2012 iness connections t yes[1] 1982 1992	2003   2013   2013   Label   Russia/Ukraine 0 Russia?   0 Russia?   1983   1993	2004 2014 conflict q1 no[2] 1984 1994	2005	2006	2007 2017 Survey perio East and Wo 1987 1997	2008 3 WEST EAST 2018 3 yd ast 05/2014 ar 1988 3 1998 3	2009 2019 nd 06 2014	once

3.103)	russia2		Russia/Ukraine	conflict q2			East and Wes	st 05/2014 ar	d 06 2014	once
Wording o	fquestion									
06/2014										Further Information
D) Does your	company have busir	less connections	to Russia?							
		yes		100						
		1,03		3.10						
If yes:										
		Imports from R	ussia [1]							
		-								-
	6									
Time span										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012			2013	2010	2017	2018	2019	
				WEST EAST						
No.	Name		Label				Survey period	d		Survey frequency
3.104)	russia3		Russia/Ukraine	conflict q3			East and Wes	st 05/2014 ar	d 06 2014	once
Wording o	fauestion									
	4									
										Further Information

										Further Information
06/2014										
D) Does your co	mpany have busir	ess connections t	to Russia?							
		yes		no						
If yes:										
		1								
	L	Exports to Russia	a [1]							
T										
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000	1991	1002	4000	1004	1995	1000	1997	1000	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
				WEST						
				EAST						

3.105)	russia4		Russia/Ukraine c	onflict q4			East and We	st 05/2014 an	d 06 2014	once	
Wording o	fauestion										
wording o	question										
06/2014										Further Information	
D) Does your	company have busin	ess connections t	o Russia?								
		yes		no							
If yes:											
		Joint ventures wi	ith russian compa	nies [1]							
										_	
Time span	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
					WEST EAST							
	No.	Name		Label				Survey perio	d		Survey frequency	
And the set of second or sequences between the basic is or second as the basic is or	3.106)	russia5		Russia/Ukraine	conflict q5			East and We	st 05/2014 ar	id 06 2014	once	
	Wording of	question										
1980       1980	D) Does your co		yes		no						Further Information	
1980       1980		c										
190       194       1			1982	1983	1984	1985	1986	1987	1988	1989		
200       201       202       203       204       205       205       207       203       206         210       201       202       203       204       205       205       203       206         101       1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>												
200       201       202       203       204       205       203       203       204       205       203       204       205       203       204       205       203       204       205       203       204       203       204       203       204       203       204       203       204       203       204       203       204       203       204       203       204       203       204       203       204       203       204       204       203       204       205       204       205       204       205       204       205       204       205       204       205       204       205       204       205       204       205       205       205       205       205       205       205       205       205       205       205       205       205       205       205       2	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
239 201 202 203 204 205 205 205 205 205   Note: N												
Name       Lebe       Survey period       Survey frequency         1001       rgsside       Russa/Ukaine contict of       Fast and West 05/2014 and 06 2014       once         More regulation of the russide souther on the russide sou	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
Name       Lebe       Survey period       Survey frequency         1001       rgsside       Russa/Ukaine contict of       Fast and West 05/2014 and 06 2014       once         More regulation of the russide souther on the russide sou												
Image: Note: Note	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
No. Name Label Survey period Gurey period Survey frequency   1.107 russia6 nussia/blaute conflict q6 East and West 05/2014 and 06 2014 once   Note: the sublet information   0 $20214$ 0 nee   Note: the sublet information   1 100 bey your company have builters conflict 05 to Russia?   If yes:					WEST							
1.171 rstad Rota/Uraine conflect of a East and West: 05/2014 and 06 2014 once   Contractions of the statement of a sta												
Archive plane builters connections to Russi?         Inter information         Inter information <th cols<="" td=""><td>No</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td>No</td> <td></td>	No										
06/2014       0 Jobs your company have busines connections to Russia? <ul> <li>yes</li> <li>get other companys have busines connections to Russia?</li> </ul> If yes:       get other companys have busines (1)         Tone span / variable       1         1990       1981       1983       1984       1985       1987       1988       1989         1990       1991       1992       1993       1994       1995       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1986       1997       1998       1999         2000       2001       2002       2003       2004       2005       2007       2008       2009         2010       2012       2013       2014       2015       2016       2017       2018       2019         2010       2013       2014       2015       2016       2017       2018       2019         3100       Yusia7       tabel       Survey period       Survey frequency         Gradue under solide under	NO.	Name		Label				Survey perio	d		Survey frequency	
0 Does your company have business connections to hussis?         if yes:         is a other companies [1]    Time span of variable          1990       1981       1982       1983       1984       1985       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         2000       2001       2002       2003       2004       2005       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         1900       1901       2012       2013       2014       2015       2016       2017       2018       2019         1910       1912       1913       1945       1945       2016       2017       2018       2019         1920       2011       2012       2013       2014       2015       2016       2018       2019         1931       1942       2013       2015       2016       2018       2019       2019         1930       1945       1945       2045       2016       2018					conflict q6					nd 06 2014		
1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         WEST EAST       2015       2016       2017       2018       2019         Survey period       2018       2019         Survey period       Survey frequency         Survey frequency <td c<="" th=""><th>3.107)</th><th>russia6</th><th>1</th><th></th><th>conflict q6</th><th></th><th></th><th></th><th></th><th>ud 06 2014</th><th>once</th></td>	<th>3.107)</th> <th>russia6</th> <th>1</th> <th></th> <th>conflict q6</th> <th></th> <th></th> <th></th> <th></th> <th>ud 06 2014</th> <th>once</th>	3.107)	russia6	1		conflict q6					ud 06 2014	once
1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         WEST EAST       2015       2016       2017       2018       2019         Survey period       2018       2019         Survey period       Survey frequency         Survey frequency <td c<="" td=""><td>3.107) Wording of 06/2014 D) Does your co</td><td>russia6 question</td><td>yes</td><td>Russia/Ukraine</td><td></td><td></td><td></td><td></td><td></td><td>id 06 2014</td><td>once</td></td>	<td>3.107) Wording of 06/2014 D) Does your co</td> <td>russia6 question</td> <td>yes</td> <td>Russia/Ukraine</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>id 06 2014</td> <td>once</td>	3.107) Wording of 06/2014 D) Does your co	russia6 question	yes	Russia/Ukraine						id 06 2014	once
2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         No.       Name       Label       Survey period       Survey frequency         Survey frequency <td>3.107) Wording of 06/2014 D) Does your co</td> <td>russia6 question ompany have busir</td> <td>yes</td> <td>Russia/Ukraine</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ıd 06 2014</td> <td>once</td>	3.107) Wording of 06/2014 D) Does your co	russia6 question ompany have busir	yes	Russia/Ukraine						ıd 06 2014	once	
2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         No.       Name       Label       Survey period       Survey frequency         Survey frequency <td>3.107) Wording of 06/2014 D) Does your co If yes:</td> <td>russia6 question ompany have busin</td> <td>yes via other compa</td> <td>Russia/Ukraine</td> <td>no</td> <td>1985</td> <td>1986</td> <td>East and We</td> <td>st 05/2014 ar</td> <td></td> <td>once</td>	3.107) Wording of 06/2014 D) Does your co If yes:	russia6 question ompany have busin	yes via other compa	Russia/Ukraine	no	1985	1986	East and We	st 05/2014 ar		once	
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019   WEST EAST 2019 2019 2019 2019 2019 2019   No. Name Label Survey period Survey frequency   3.108) russia7 Russia/Ukraine conflict q7 East and West 05/2014 and 06 2014 once   Vording of question 06/2014 0 0 0	3.107) Wording of 06/2014 D) Does your co If yes:	russia6 question ompany have busin	yes via other compa	Russia/Ukraine	no	1985	1986	East and We	st 05/2014 ar		once	
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019   WEST EAST 2019 2019 2019 2019 2019 2019   No. Name Label Survey period Survey frequency   3.108) russia7 Russia/Ukraine conflict q7 East and West 05/2014 and 06 2014 once   Vording of question 06/2014 0 0 0	3.107) Wording of 06/2014 D) Does your co If yes: Time span o 1980	russia6 question ompany have busin f variable 1981	via other compa	Russia/Ukraine to Russia? anies [1] 1983	no 1984			East and We	st 05/2014 ar	1989	once	
No.     Name     Label     Survey period     Survey frequency       3.108)     russia7     Russia/Ukraine conflict q7     East and West 05/2014 and 06 2014     once       Obj/2014       Obj/2014	3.107) Wording of 06/2014 D) Does your co If yes: Time span o 1980	russia6 question ompany have busin f variable 1981	via other compa	Russia/Ukraine to Russia? anies [1] 1983	no 1984			East and We	st 05/2014 ar	1989	once	
No.     Name     Label     Survey period     Survey frequency       3.108)     russia7     Russia/Ukraine conflict q7     East and West 05/2014 and 06 2014     once       Obj/2014       Obj/2014	3.107) Wording of 06/2014 D) Does your ce If yes: Time span o 1980 1990	russia6 question ompany have busin f variable 1981	yes Via other compa 1982 1992	Russia/Ukraine to Russia? anies [1] 1983 1993	no 1984	1995	1996	East and Wes	1988 1998	1989	once	
Image: No.     Name     Label     Survey period     Survey frequency       3.108)     russia7     Russia/Ukraine conflict q7     East and West 05/2014 and 06 2014     once       Wording of question     06/2014     0     0     0	3.107) Wording of 06/2014 D) Does your ce If yes: Time span o 1980 1990	russia6 question ompany have busin f variable 1981	yes Via other compa 1982 1992	Russia/Ukraine to Russia? anies [1] 1983 1993	no 1984	1995	1996	East and Wes	1988 1998	1989	once	
3.108)     russia7     Russia/Ukraine conflict q7     East and West 05/2014 and 06 2014     once       Wording of question       06/2014       D) Did you already experience impairments due to the russian-ukrainian conflict?	3.107) Wording of 06/2014 D) Does your co If yes: 1990 2000	russia6 question ompany have busin company have bus	yes Via other compa 1982 1992 2002	Russia/Ukraine to Russia? anies [1] 1983 1993 2003	2004 2014	1995 2005	1996 2006	East and West	1988 1998 2008	1989 1999 2009	once	
3.108)     russia7     Russia/Ukraine conflict q7     East and West 05/2014 and 06 2014     once       Wording of question       06/2014       D) Did you already experience impairments due to the russian-ukrainian conflict?	3.107) Wording of 06/2014 D) Does your co If yes: 1990 2000	russia6 question ompany have busin company have bus	yes Via other compa 1982 1992 2002	Russia/Ukraine to Russia? anies [1] 1983 1993 2003	no 1984 1994 2004 2014	1995 2005	1996 2006	East and West	1988 1998 2008	1989 1999 2009	once	
Wording of question       Further Information         05/2014       Further Information         D) Did you already experience impairments due to the russian-ukrainian conflict?       Further Information	3.107)  Wording of  06/2014  D) Does your co  If yes:  Time span o  1980  2000  2010	russia6 question ompany have busin company have bus	yes Via other compa 1982 1992 2002	Russia/Ukraine to Russia? anies [1] 1983 1993 2003 2013	no 1984 1994 2004 2014	1995 2005	1996 2006	East and West	1988 1998 2008	1989 1999 2009	Further Information	
06/2014 D) Did you already experience impairments due to the russian-ukrainian conflict?	3.107)  Wording of  06/2014  D) Does your co  If yes:  Time span o  1980  2000  2010  No.	russia6 question ompany have busin company have bus	yes Via other compa 1982 1992 2002	Russia/Ukraine to Russia/ to Russia/ anies [1]  1983  2003  2013  Label	no 1984 1994 2004 2014 WEST EAST	1995 2005	1996 2006	East and West	st 05/2014 ar 1988 1998 2008 2018	1989 1999 2009 2019	Further Information	
06/2014 D) Did you already experience impairments due to the russian-ukrainian conflict?	3.107)  Wording of  (6/2014 D) Does your of  If yes:  Time span o  1980 2000 2010 No. 3.108)	russia6 question ompany have busin company have busin company have busin for variable 1981 1991 1991 2001 2001 2001 2001 2001 200	yes Via other compa 1982 1992 2002	Russia/Ukraine to Russia/ to Russia/ anies [1]  1983  2003  2013  Label	no 1984 1994 2004 2014 WEST EAST	1995 2005	1996 2006	East and West	st 05/2014 ar 1988 1998 2008 2018	1989 1999 2009 2019	Further Information	
	3.107)  Wording of  06/2014  D) Does your of  1f yes:  Time span o  1980  2000  2010  No.  3.108)  Wording of	russia6 question ompany have busin company have busin company have busin for variable 1981 1991 1991 2001 2001 2001 2001 2001 200	yes Via other compa 1982 1992 2002	Russia/Ukraine to Russia/ to Russia/ anies [1]  1983  2003  2013  Label	no 1984 1994 2004 2014 WEST EAST	1995 2005	1996 2006	East and West	st 05/2014 ar 1988 1998 2008 2018	1989 1999 2009 2019	Further Information  Further Information  Survey frequency  once	
yes[1]no[2]	3.107) Vording of 06/2014 D) Does your of 11 yes: Time span o 1980 1990 2000 2010 00 No. 3.108) Wording of 06/2014	russia6 question ompany have busin company have bus	yes via other compa 1982 1992 2002 2012	Russia/Ukraine  to Russia/ anies [1]  1983  1993  2003  2013  Label  Russia/Ukraine	2004 2014 west EAST	1995 2005	1996 2006	East and West	st 05/2014 ar 1988 1998 2008 2018	1989 1999 2009 2019	Once Further Information  Further Information  Survey frequency Once	
	3.107) Vording of 06/2014 D) Does your of 11 yes: Time span o 1980 1990 2000 2010 00 No. 3.108) Wording of 06/2014	russia6 question ompany have busin f variable 1981 1991 2001 2011 2011 Name russia7 question	yes via other compa 1982 1992 2002 2012 2012	Russia/Ukraine to Russia? anies [1]  1983  1993  2003  2013  Russia/Ukraine other russian-ukrai	no 1984 1994 2004 2004 EAST conflict q7 inian conflict?	1995 2005	1996 2006	East and West	st 05/2014 ar 1988 1998 2008 2018	1989 1999 2009 2019	Eurther Information  Further Information  Survey frequency once	

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
				WEST EAST					

3.109)	russia8		Russia/Ukraine	conflict q8			East and Wes	t 05/2014 an	d 06 2014	once
Wording of o	question									
06/2014										Further Information
	cting future impa	irments for your o	ompany?							
		,								
		yes[1]		no[2]						
Time span of	fvariable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
				WEST						
				EAST						

No. Name Label Survey period Survey frequency fambus family business East and West 02/2014 3.110) once Wording of question Further Information 02/2014 D) For research purposes? Do you envision yourself as a family business? (This means a company whose voting capital is held predominately by one or more families that are connected) yes[1] no[2] Time span of variable 1980 1981 1982 1985 1988 1989 1983 1984 1986 1987 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2009 2008

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST No. Name Label Survey period Survey frequency

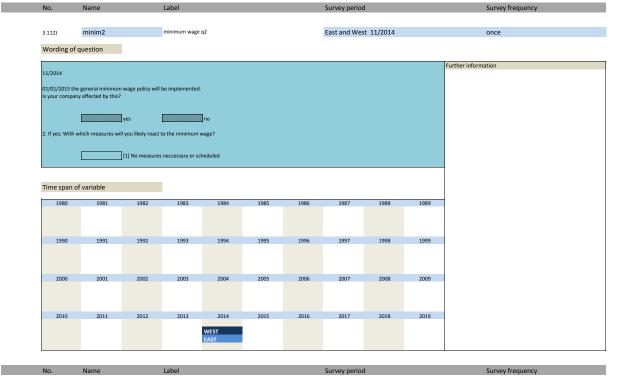
minim1 minimum wage q1 East and West 11/2014 3.111) once

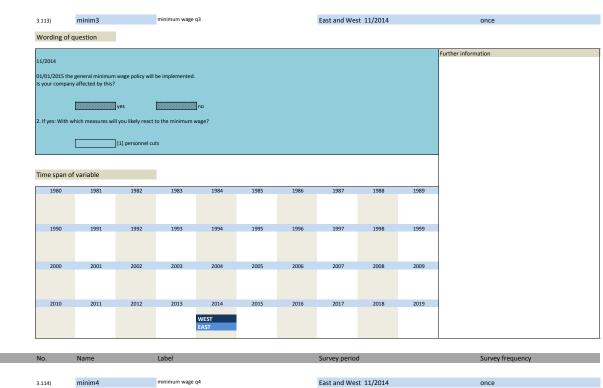
Wording of a	question									
	he general minimi ny affected by this		ill be implemente	2d. ]no[2]						Further information
Time span o	f variable									-
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
				WEST EAST					

Survey period

Survey frequency





11/2014

01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this?

Wording of question

Further information

		[1] reduction of	working hours							
ïme span of	variable									
inte span or	Valiable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000		2502	2005	2004	2505	2500		_500		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

3.115) minim5 minimum wage q5

East and West 11/2014 once

 3.115)
 minim5
 minimum wag

 Wording of question

										Further information
11/2014										
	general minimum y affected by this?		e implemented							
				_						
2. If yes: With w	hich measures wil	l you likely react t	o the minimum	wage?						
		[1] increase in pri	ices							
Time span of	fvariable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
				WEST EAST						

No.	Name		Label				Survey perio	d		Survey frequency
3.116)	minim6		minimum wage	q6			East and We	st 11/2014		once
Wording of a	question									
11/2014										Further information
	general minimum y affected by this?		be implemented	L.						
		yes		no						
. If yes: With w	which measures wil	l you likely react	o the minimum	wage?						
		[1] reduction of	investment							
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1550	1501	1502	1965	1504	1565	1560	1567	1500	1965	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
				WEST EAST						

No.	Name		Label				Survey perio	d		Survey frequency	
3.117)	minim7		minimum wage	q7			East and We	st 11/2014		once	
Wording of	fquestion										
11/2014										Further information	
	he general minimur	n wage policy will	be implemented.								
Is your compa	any affected by this	?									
		yes		no							
2. If yes: With	which measures w	ill you likely react	to the minimum v	wage?							
		[1] reduction of	special payments	i							
			_								
Time span											
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
				WEST EAST							
				LAST							
	_			LAUT							
No.	Name		Label				Survey perio	d		Survey frequency	
No. 3.118)	Name minim8		Label minimum wage				Survey perio			Survey frequency once	
	minim8		_							once	
3.118)	minim8		_								
3.118) Wording of 11/2014 01/01/2015 tł	minim8 f question he general minimur	n wage policy will ?	minimum wage	q8						once	
3.118) Wording of 11/2014 01/01/2015 th	minim8 f question	?	minimum wage	q8						once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa	minim8 f question he general minimur my affected by this	? Ves	minimum wage	q8 ]no						once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa	minim8 f question he general minimur	? yes ill you likely react	minimum wage	q8 ]no						once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa	minim8 f question he general minimur my affected by this	? Ves	minimum wage	q8 ]no						once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa	minim8 f question he general minimur my affected by this which measures w	? yes ill you likely react	minimum wage	q8 ]no						once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa 2. If yes: With	minim8 f question he general minimur my affected by this which measures w	? yes ill you likely react	minimum wage	q8 ]no	1985	1986			1989	once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa 2. If yes: With Time span	minim8 f question f question whe general minimur my affected by this which measures w cof variable	? ] yes ill you likely react ] [1] other	minimum wage	q8 ]no wage?	1985	1986	East and We	st 11/2014	1989	once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa 2. If yes: With Time span	minim8 f question f question whe general minimur my affected by this which measures w cof variable	? ] yes ill you likely react ] [1] other	minimum wage	q8 ]no wage?	1985	1986	East and We	st 11/2014	1989	once	
3.118) Wording of 11/2014 01/01/2015 th 15 your compa 2. If yes: With Time span of 1980	minim8 f question f question whe general minimur my affected by this which measures w f variable 1981	? ] yes ill you likely react ] [1] other 1982	minimum wage be implemented. to the minimum v	q8 ]no 1984			East and We	st 11/2014		once	
3.118) Wording of 11/2014 01/01/2015 th 15 your compa 2. If yes: With Time span of 1980	minim8 f question f question whe general minimur my affected by this which measures w f variable 1981 1991	? ] yes ill you likely react ] [1] other 1982	minimum wage be implemented. to the minimum v 1983	q8 ]no 1984	1995		East and We	st 11/2014	1999	once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa 2. If yes: With Time span of 1980 1990	minim8 f question f question whe general minimur my affected by this which measures w f variable 1981	? ] yes     you likely react ][1] other 1982 1992	minimum wage be implemented. to the minimum v	q8 no 1984 1994		1996	East and We	st 11/2014		once	
3.118) Wording of 11/2014 01/01/2015 tf Is your compa 2. If yes: With 1980 1990 2000	minim8 f question f qu	? ] yes ] (1) ou likely react ] (1) other 1982 1992 2002	minimum wage be implemented.	a8 ]no 1984 1994 2004	1995 2005	1996 2006	East and We	st 11/2014	1999 2009	once	
3.118) Wording of 11/2014 01/01/2015 th Is your compa 2. If yes: With Time span ( 1980 1990	minim8 f question f question whe general minimur my affected by this which measures w f variable 1981 1991	? ] yes     you likely react ] (1) other 1982 1992	minimum wage	q8 no 1984 1994	1995	1996	East and We	st 11/2014	1999	once	