

## List of variables

## **Ifo Business Survey Industry**

Data: 1/1980-06/2016

As of October 2016

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LMU-ifo Economics & Business Data Center (EBDC)

Poschingerstr. 5 81679 Munich





# 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)	survey	survey	Umfrage
1.2)	year	year	Erhebungsjahr
1.3)	month	month	Erhebungsmonat
1.4)	idnum	KT and INNO firm adressfile id	Firmenidentifikationsnummer
1.5)	runnum	running number of plant	Laufende Firmennummer
1.6)	vg_plantnum	KT and INNO information containing id	11-stellige Identifikationsnummer
1.7)	vg_fedstaifo	federal state (ifo-code)	Bundesland entsprechend ifo Codierung
1.8)	vg_westeast	western eastern	Unterscheidet zwischen West- und Ost- Erhebung
1.9)	vg_weight	weight	Gewicht
1.10)	vg_latecomer	latecomer	Nachzügler
1.11)	sector_id	sector id	Sektor ID
1.12)	sector_ifo	ifo sector classification	ifo Sektorklassifikation
1.13)	vg_sypro	sypro sector classification	sypro Sektorklassifikation
1.14)	sector_wz93	wz93 sector classification	wz93 Sektorklassifikation
1.15)	sector_wz08	wz08 sector classification	wz08 Sektorklassifikation
1.16)	sector_total	ebdc sector classification	EBDC Sektorklassifikation
Variable	s regarding the survey process		
1.17)	online	online	Fragebogen online beantwortet
1.18)	survey_start	survey start	Umfragebeginn
1.19)	survey_end	survey end	Umfrageende
1.20)	participation_date	participation date	Teilnahmedatum
1.20)	participation_date	participation hour	Teilnahmestunde
			Teilnahmestatus
1.22)	participation_status	participation status	remainestatus

## 2. Standard questions

No.	N	ame
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Label

German description

2.1)	vg_statebus	state of business (appraisal)	Beurteilung der Geschäftslage
2.2)	vg_provpm	production versus previous month	Produktion im Vergleich zum Vormonat
2.3)	vg_stin	stock of inventories	Beurteilung des Bestand an Fertigwaren
2.4)	vg_demand	situation of demand	Nachfragesituation gegenüber dem Vormonat
2.5)	vg_ordvpm	orders versus previous month	Auftragsbestand gegenüber dem Vormonat
2.6)	vg_orders	orders (appraisal)	Beurteilung des aktuellen Auftragsbestands
2.7)	vg_pricevpm	domestic prices of sale versus previous month	Inländische Verkaufspreise
2.8)	vg_proexp	expected production	Erwartete Inländische Produktionstätigkeit
2.9)	vg_priceexp	expected domestic prices	Erwartete inländische Verkaufspreise
2.10)	vg_expexp	expected export trade	Erwarteter Exporthandel
2.11)	vg_comexp	expected commercial operations	Erwarteter Geschäftslage
2.12)	vg_foreord	foreign orders (appraisal)	Bestand an Auslandsaufträgen
2.13)	vg_salesexp	sales expectancy	Erwarteter Umsatz
2.14)	vg_emplexp*	expected employees	Erwartete Entwicklung der Gesamtbeschäftigtenzahl
2.15)	vg_pro_vpq	production vs. previous 2-3 months	Produktionstätigkeit in den vorangegangenen Monaten
2.16)	vg_demand_vpq	situation of dmand vs. previous 2-3 months	Nachfragesituation in den vorangegangenen Monaten
2.17)	vg_ord_vpq	orders vs. previous 2-3 months	Auftragsbestand in den vorangegangenen Monaten
2.18)	vg_price_vpq	domestic prices of sale vs. previous 2-3 months	Inlandsverkaufspreise in den vorangegangenen Monaten
2.19)	vg_credit**	credit allocation	Kreditvergabe
2.20)	vg_statebus_sl	state of business (VAS)	Beurteilung der Geschäftslage (VAS)
2.21)	vg_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

No.	Name	Label	German description
110.	Name		German description
3.1)	vg_ranord	range of orders in months	Reichweite der Auftragsbestände in Monaten
, 3.2)	vg_uticappc	capacity utilization in %	Auslastung der Anlagen in %
3.3)	vg_uticapap	capacity utilization (appraisal)	Beurteilung der technischen Kapazität
		constraints to production	Behinderung der Produktionstätigkeit
3.4)	vg_constrain		
3.5)	vg_ordlack	lack of orders	Auftragsmangel
3.6)	vg_mplack	lack of manpower	Arbeitskräftemangel
3.7)	vg_matlack	lack of material	Materialknappheit
3.8)	vg_techcap	technical capacity	Technische Kapazität
3.9)	vg_bastlack	lack of back staff	Mangel an Hilfskräften
3.10)	vg_difffin	difficulties of financing	Produktionsbehinderung durch Finanzierungsengpässe
3.11)	vg_weather	weather conditions	Produktionsbehinderung durch Wetterlage
3.12)	vg_skelllack	lack of skilled employees	Mangel an Fachkräften
3.13)	vg_othrea	other reasons	Sonstige Faktoren / Andere Ursachen
3.14)	vg_proexpen	product too expensive	Produkte zu teuer
3.15)	vg_proqual	quality of products	Produktqualität
3.16)	vg_propro	program of products	Produktprogramm
3.17)	vg_ovtime	overtime	Überstunden
3.18)	vg_ovtimemo	overtime more than customary	Mehr Überstunden als betriebsüblich
		short-time work	Kurzarbeit
3.19)	vg_stwork		
3.20)	vg_stworkexp	expected short-time work	Erwartete Kurzarbeit
3.21)	vg_emplexp*	expected employees	Erwartete Entwicklung der Gesamtbeschäftigtenzahl
3.22)	vg_empl	employees 12 month	Beschäftigte Erwartungen
3.23)	vg_prof	profit situation	Ertragssituation derzeit
3.24)	vg_profch	change of profit situation	Ertragssituation gegenüber dem Vorquartal
3.25)		headcount	Entwicklung des Personalbestands
	vg_hcount		-
3.26)	vg_fest	feedstock	Rohstoff- und Vormaterialbestände
3.27)	vg_proenl	enlagerment of production	Produktionserweiterung
3.28)	vg_priceinc	increase in price	Preiserhöhung
3.29)	vg_fincolow	low costs of financing	Niedrige Finanzierungskosten
3.30)	vg_diffsup1	difficulties of supply	Versorgungsschwierigkeiten
3.31)	vg_weaken	weakening	Abschwächung
3.32)	vg_prored	reduction of production	Produktionsabschwächung
3.33)	vg_pricedec	price decrease	Preisrückgänge
3.34)	vg_fincohi	hight costs of financing	Hohe Finanzierungskosten
3.35)	vg_diffsup2	difficulties of supply	Versorgungsschwierigkeiten
3.36)	vg_strength	strengthening	Verstärkte Produktion
3.37)	vg_festwe	feedstock in weeks	Rohstoff- und Vormaterialbestände in Wochen
3.38)		stock of inventories in weeks	Fertigwarenbestände in Wochen
	vg_stinwe		-
3.39)	vg_emppro2	employees in production	Produktionsbeschäftigte für XY
3.40)	vg_emplinc	increase of employees in %	Zunahme der Beschäftigten in % für die Produktion von XY
3.41)	vg_empldec	decrease of employees in %	Abnahme der Beschäftigten in % für die Produktion von XY
3.42)	vg_comppos1	national competitive postition	Wettbewerbsposition Inland
3.43)	vg_comppos2	EU competitive position	Wettbewerbsposition innerhalb der EU
3.44)	vg_comppos3	competitive position abroad	Wettbewerbsposition außerhalb der EU
3.45)	vg_ranord2	range of orders in mohths (end of prev. month)	Reichweite der Auftragsbestände in Monaten
3.46)	vg_uticappc2	capacity utilization in % (end of prev. month)	Kapazitätsauslastung in %
3.47)	vg_emppro	employees	Im Unternehmen beschäftigte Personen
3.48)	vg_credit**	credit allocation	Kreditvergabe
3.49)	vg_j1	Japan crisis q1	Japankrise Frage1
3.50)	vg_j2	Japan crisis q2	Japankrise Frage2
3.51)	vg_j3	Japan crisis q3	Japankrise Frage3
3.52)		Japan crisis q4	Japankrise Frage4
	vg_j4		
3.53)	vg_j5	Japan crisis q5	Japankrise Frage5
3.54)	vg_j6	Japan crisis q6	Japankrise Frage6
3.55)	un faimh	exhibitor at an international specialized fair	Aussteller auf einer internationalen Fachmesse
	vg_fairxh		
3.56)	vg_fairxh_g	exhibitor at an international specialized fair in Germany	Aussteller auf einer internationalen Fachmesse in Deutschland
3.57)	vg_fairxh_e	exhibitor at an international specialized fair in a foreign European country	Aussteller auf einer internationalen Fachmesse im europäischen Ausland
3.58)		exhibitor at an international specialized fair in a country outside	Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland
	vg_fairxh_ne	Europe	·
3.59)	vg_fairxhexp	exhibitor at an international specialized fair during next 2-3 years	Aussteller auf einer internationalen Fachmesse in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse in Deutschland in den nächsten 2-
3.60)	vg_fairxhexp_g	3 years	Jahren
			Aussteller auf einer internationalen Fachmesse im europäischen Ausland in den
3.61)	vg_fairxhexp_e	exhibitor at an international specialized fair in a foreign European country during next 2-3 years	nächsten 2-3 Jahren
3.61) 3.62)	vg_fairxhexp_e	country during next 2-3 years exhibitor at an international specialized fair in a country outside	nächsten 2-3 Jahren
3.62)	vg_fairxhexp_e vg_fairxhexp_ne	country during next 2-3 years exhibitor at an international specialized fair in a country outside Europe during next 2-3 years	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren
3.62) 3.83)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat	country during next 2-3 years exhibitor at an international specialized fair in a country outside Europe during next 2-3 years influence of heatwaves on value added	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung
3.62) 3.83) 3.84)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold	country during next 2-3 years exhibitor at an international specialized fair in a country outside Europe during next 2-3 years influence of heatwaves on value added influence of cold waves on value added	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung
3.62) 3.83) 3.84) 3.85)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou	<ul> <li>country during next 2-3 years</li> <li>exhibitor at an international specialized fair in a country outside Europe during next 2-3 years</li> <li>influence of heatwaves on value added</li> <li>influence of cold waves on value added</li> <li>influence of drought on value added</li> </ul>	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung Auswirkung von Trockenheit auf die Wertschöpfung
3.62) 3.83) 3.84)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold	country during next 2-3 years exhibitor at an international specialized fair in a country outside Europe during next 2-3 years influence of heatwaves on value added influence of cold waves on value added	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung
3.62) 3.83) 3.84) 3.85)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou	<ul> <li>country during next 2-3 years</li> <li>exhibitor at an international specialized fair in a country outside Europe during next 2-3 years</li> <li>influence of heatwaves on value added</li> <li>influence of cold waves on value added</li> <li>influence of drought on value added</li> </ul>	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland im den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung Auswirkung von Trockenheit auf die Wertschöpfung
3.62) 3.83) 3.84) 3.85) 3.86)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_rain vg_inf_storm	<ul> <li>country during next 2-3 years</li> <li>exhibitor at an international specialized fair in a country outside Europe during next 2-3 years</li> <li>influence of heatwaves on value added</li> <li>influence of cold waves on value added</li> <li>influence of drought on value added</li> <li>influence of heavy rainfall on value added</li> </ul>	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland im den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung Auswirkung von Trockenheit auf die Wertschöpfung Auswirkung von Starkniederschlag auf die Wertschöpfung
3.62) 3.83) 3.84) 3.85) 3.86) 3.86) 3.87) 3.88)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_rain vg_inf_storm vg_einf_pur	country during next 2-3 yearsexhibitor at an international specialized fair in a country outside Europe during next 2-3 yearsinfluence of heatwaves on value addedinfluence of cold waves on value addedinfluence of drought on value addedinfluence of heavy rainfall on value addedinfluence of storms on value addedexpected influence of climate change on purchases	<ul> <li>nächsten 2-3 Jahren</li> <li>Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland im den nächsten 2-3 Jahren</li> <li>Auswirkung von Hitzewellen auf die Wertschöpfung</li> <li>Auswirkung von Kältewellen (inkl. Eis &amp; Schnee) auf die Wertschöpfung</li> <li>Auswirkung von Trockenheit auf die Wertschöpfung</li> <li>Auswirkung von Starkniederschlag auf die Wertschöpfung</li> <li>Auswirkung von Stürmen auf die Wertschöpfung</li> <li>Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf</li> </ul>
3.62) 3.83) 3.84) 3.85) 3.86) 3.86) 3.87) 3.88) 3.88) 3.89)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_rain vg_inf_storm vg_einf_pur vg_einf_prod	country during next 2-3 yearsexhibitor at an international specialized fair in a country outside Europe during next 2-3 yearsinfluence of heatwaves on value addedinfluence of cold waves on value addedinfluence of drought on value addedinfluence of heavy rainfall on value addedinfluence of storms on value addedexpected influence of climate change on purchasesexpected influence of climate change on production	<ul> <li>nächsten 2-3 Jahren</li> <li>Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland im den nächsten 2-3 Jahren</li> <li>Auswirkung von Hitzewellen auf die Wertschöpfung</li> <li>Auswirkung von Kältewellen (inkl. Eis &amp; Schnee) auf die Wertschöpfung</li> <li>Auswirkung von Trockenheit auf die Wertschöpfung</li> <li>Auswirkung von Starkniederschlag auf die Wertschöpfung</li> <li>Auswirkung von Stürmen auf die Wertschöpfung</li> <li>Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf</li> </ul>
3.62) 3.83) 3.84) 3.85) 3.86) 3.86) 3.87) 3.88) 3.89) 3.89)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_rain vg_inf_rain vg_einf_pur vg_einf_pur vg_einf_prod vg_einf_sal	country during next 2-3 yearsexhibitor at an international specialized fair in a country outside Europe during next 2-3 yearsinfluence of heatwaves on value addedinfluence of cold waves on value addedinfluence of drought on value addedinfluence of heavy rainfall on value addedinfluence of storms on value addedexpected influence of climate change on purchasesexpected influence of climate change on sales	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung Auswirkung von Trockenheit auf die Wertschöpfung Auswirkung von Starkniederschlag auf die Wertschöpfung Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf Erwartete Auswirkungen des Klimawandels auf den Bereich Produktion Erwartete Auswirkungen des Klimawandels auf den Bereich Absatz
3.62) 3.83) 3.84) 3.85) 3.86) 3.86) 3.87) 3.88) 3.89) 3.90) 3.90)	vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_drou vg_inf_rain vg_inf_storm vg_einf_pur vg_einf_pur vg_einf_prod vg_einf_sal vg_einf_wast	country during next 2-3 yearsexhibitor at an international specialized fair in a country outside Europe during next 2-3 yearsinfluence of heatwaves on value addedinfluence of cold waves on value addedinfluence of drought on value addedinfluence of heavy rainfall on value addedinfluence of storms on value addedexpected influence of climate change on purchasesexpected influence of climate change on salesexpected influence of climate change on waste management	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung Auswirkung von Trockenheit auf die Wertschöpfung Auswirkung von Starkniederschlag auf die Wertschöpfung Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf Erwartete Auswirkungen des Klimawandels auf den Bereich Absatz Erwartete Auswirkungen des Klimawandels auf den Bereich Absatz
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3.62) 3.83) 3.84) 3.85) 3.86) 3.87) 3.88) 3.89) 3.89) 3.90) 3.90) 3.91) 3.92) 3.93)	<pre>vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_rain vg_inf_storm vg_einf_pur vg_einf_prod vg_einf_sal vg_einf_log vg_einf_log vg_einf_inno</pre>	country during next 2-3 yearsexhibitor at an international specialized fair in a country outside Europe during next 2-3 yearsinfluence of heatwaves on value addedinfluence of cold waves on value addedinfluence of drought on value addedinfluence of heavy rainfall on value addedinfluence of storms on value addedexpected influence of climate change on purchasesexpected influence of climate change on salesexpected influence of climate change on salesexpected influence of climate change on logisticsexpected influence of climate change on logisticsexpected influence of climate change on logisticsexpected influence of climate change on logistics	nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren Auswirkung von Hitzewellen auf die Wertschöpfung Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung Auswirkung von Trockenheit auf die Wertschöpfung Auswirkung von Starkniederschlag auf die Wertschöpfung Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf Erwartete Auswirkungen des Klimawandels auf den Bereich Produktion Erwartete Auswirkungen des Klimawandels auf den Bereich Absatz Erwartete Auswirkungen des Klimawandels auf den Bereich Logistik Erwartete Auswirkungen des Klimawandels auf den Bereich Logistik
3.62) 3.83) 3.84) 3.85) 3.86) 3.86) 3.87) 3.88) 3.89) 3.90) 3.90) 3.91) 3.92)	<pre>vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_rain vg_inf_storm vg_einf_pur vg_einf_prod vg_einf_sal vg_einf_sal vg_einf_log</pre>	country during next 2-3 yearsexhibitor at an international specialized fair in a country outside Europe during next 2-3 yearsinfluence of heatwaves on value addedinfluence of cold waves on value addedinfluence of drought on value addedinfluence of heavy rainfall on value addedinfluence of storms on value addedexpected influence of climate change on purchasesexpected influence of climate change on salesexpected influence of climate change on valueexpected influence of climate change on valueexpected influence of climate change on salesexpected influence of climate change on valueexpected influence of climate change on logistics	<ul> <li>nächsten 2-3 Jahren</li> <li>Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den nächsten 2-3 Jahren</li> <li>Auswirkung von Hitzewellen auf die Wertschöpfung</li> <li>Auswirkung von Kältewellen (inkl. Eis &amp; Schnee) auf die Wertschöpfung</li> <li>Auswirkung von Trockenheit auf die Wertschöpfung</li> <li>Auswirkung von Starkniederschlag auf die Wertschöpfung</li> <li>Auswirkung von Stürmen auf die Wertschöpfung</li> <li>Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf</li> <li>Erwartete Auswirkungen des Klimawandels auf den Bereich Absatz</li> <li>Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung</li> <li>Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung</li> </ul>

3.96)	vg_flight_eur	importance of flight connections in Europe	Bedeutung von Flugverbindungen zu Zielen in Europa
3.97)	vg_flight_world	importance of flight connections worldwide	Bedeutung von Flugverbindungen zu Zielen weltweit
3.98)	vg_surp_cat	return on sales: surplus (category)	Jahresüberschuss (Kategorie)
3.99)	vg_ros_surp	return on sales: surplus	Jahresüberschuss
3.100)	vg_loss_cat	return on sales: loss (category)	Jahresverlust (Kategorie)
3.101)	vg_ros_loss	return on sales: loss	Jahresverlust
3.102)	vg_russia1	Russia/Ukraine conflict q1	Russland/Ukraine-Konflikt Frage 1
3.103)	vg_russia2	Russia/Ukraine conflict q2	Russland/Ukraine-Konflikt Frage 2
3.104)	vg_russia3	Russia/Ukraine conflict q3	Russland/Ukraine-Konflikt Frage 3
3.105)	vg_russia4	Russia/Ukraine conflict q4	Russland/Ukraine-Konflikt Frage 4
3.106)	vg_russia5	Russia/Ukraine conflict q5	Russland/Ukraine-Konflikt Frage 5
3.107)	vg_russia6	Russia/Ukraine conflict q6	Russland/Ukraine-Konflikt Frage 6
3.108)	vg_russia7	Russia/Ukraine conflict q7	Russland/Ukraine-Konflikt Frage 7
3.109)	vg_russia8	Russia/Ukraine conflict q8	Russland/Ukraine-Konflikt Frage 8
3.110)	vg_fambus	family business	Familienunternehemen
3.111)	vg_minim1	minimum wage q1	Mindestlohn Frage 1
3.112)	vg_minim2	minimum wage q2	Mindestlohn Frage 2
3.113)	vg_minim3	minimum wage q3	Mindestlohn Frage 3
3.114)	vg_minim4	minimum wage q4	Mindestlohn Frage 4
3.115)	vg_minim5	minimum wage q5	Mindestlohn Frage 5
3.116)	vg_minim6	minimum wage q6	Mindestlohn Frage 6
3.117)	vg_minim7	minimum wage q7	Mindestlohn Frage 7
3.118)	vg_minim8	minimum wage q8	Mindestlohn Frage 8
3.119)	vg_invest_lj	total investment last year	Gesamtinvestitionen letztes Jahr
3.120)	vg_invcon_lj	investment in construction last year	Investitionen in Bauten letztes jahr
3.121)	vg_inveq_lj	investment in equipment last year	Investitionen in Ausrüstung letztes Jahr
3.122)	vg_invest_dj	total investment this year	Gesamtinvestitionen dieses Jahr
3.123)	vg_invcon_dj	investment in construction this year	Investitionen in Bauten dieses Jahr
, 3.124)	vg_inveq_dj	investment in equipment next year	Investitionen in Ausrüstung dieses Jahr
3.125)	vg_invest_nj	total investment next year	Investitionen im kommenden Jahr, Insgesamt
3.126)	vg_invcon_nj	investment in construction next year	Investitionen im kommenden Jahr, Bauten
3.127)	vg_inveq_nj	investment in equipment next year	Investitionen im kommenden Jahr, Ausrüstung
3.128)	vg_ref1	refugees question 1	Flüchtlinge Frage 1
3.129)	vg_ref2	refugees question 2	Flüchtlinge Frage 2
3.130)	vg_ref3	refugees question 3	Flüchtlinge Frage 3
3.131)	vg_ref4	refugees question 4	Flüchtlinge Frage 4
3.132)	vg_ref5	refugees question 5	Flüchtlinge Frage 5
3.133)		refugees question 6	
	vg_ref6	refugees question 7	Flüchtlinge Frage 6
3.134)	vg_ref7	refugees question 8	Flüchtlinge Frage 7
3.135)	vg_ref8	refugees question 9	Flüchtlinge Frage 8
3.136)	vg_ref9	- · ·	Flüchtlinge Frage 9
3.137)	vg_minim_post1	affected by minimum wage	von Mindestlohn betroffen
3.138)	vg_minim_post2	no minimum wage measures	keine Mindestlohn- Maßnahmen
3.139)	vg_minim_post3	measures: employee reduction	Maßnahmen: Personalabbau
3.140)	vg_minim_post4	measures: working hour reduction	Maßnahmen: Arbeitszeitreduzierung
3.141)	vg_minim_post5	measures: increased prices	Maßnahmen: Preiserhöhungen
3.142)	vg_minim_post6	measures: decreased investment	Maßnahmen: verringerte Investitionen
3.143)	vg_minim_post7	measures: decreased special payments	Maßnahmen: Kürzungen von Sonderzahlungen
8.144)	vg_minim_post8	less minijobs	Minijobs weggefallen
8.145)	vg_minim_post9	minijobs transformed into insurable employment	Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt
8.146)	vg_minim_post10	new insurable employment	neue soz.vers.pflichtige Besch.verhältnisse
3.147)	vg_minim_post11	employment relationships did not change	keine veränderten Besch. Verhältnisse
3.148)	vg_credityes	credit agreement signed	Kreditvertrag abgeschlossen
3.149)	vg_creditno	credit agreement not signed	Kreditvertrag nicht abgeschlossen
3.150)	vg_credituse1	financing of ongoing operating resources	Finanzierung laufender Kreditmittel
	va prodituso?	financing of an investment	Einanzierung einer Invectition
3.151)	vg_credituse2		Finanzierung einer Investition

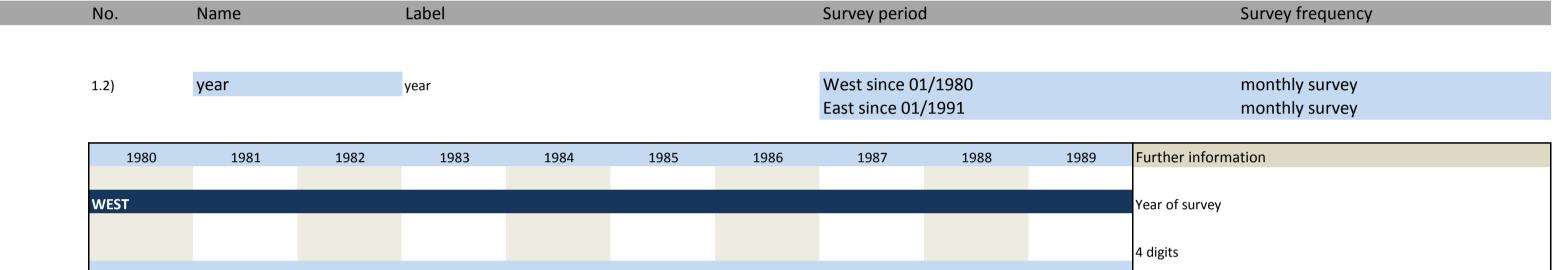
\*standard question since 07/1997. See 2.14) \*\*standard question since 08/2008. See 2.19)

### 4. Special question Innovation

Nr.	Name	Label	Label
4.1)	vg_market_national_1	development of national market in next 5 years	Entwicklung des nationalen Marktes in den nächsten 5 Jahren
4.2)	vg_market_national_2	development of national market in next 5 years	Entwicklung des nationalen Marktes in den nächsten 5 Jahren
4.3)	vg_market_abroad_1	development of foreign market in next 5 years	Entwicklung des ausländischen Marktes in den nächsten 5 Jahren
4.4)	vg_market_abroad_2	development of foreign market in next 5 years	Entwicklung des ausländischen Marktes in den nächsten 5 Jahren
4.5)	vg_market_total_1	development of market in general in next 5 years	Entwicklung des Marktes allgemein in den nächsten 5 Jahren
4.6)	vg_market_total_2	development of market in general in next 5 years	Entwicklung des Marktes allgemein in den nächsten 5 Jahren
4.7)	vg_prod_inno_realized	product innovation realized this year	Produktinnovationen durchgeführt
4.8)	vg_prod_inno_aborted	product innovation aborted this year	Produktinnovationen abgebrochen
4.9)	vg_prod_inno_plan_comp leted	product innovation planning completed this year	Planung für Produktinnovationen abgeschlossen
4.10)	vg_prod_inno_in_plannin g	product innovation still in planning stage this year	Produktinnovationen noch in Planungsphase
4.11)	vg_prod_inno_np	product innovation not planned this year	Keine Produktinnovationen geplant
4.12)	vg_process_inno_realized	process innovation realized this year	Prozessinnovationen durchgeführt
4.13)	vg_process_inno_aborted	process innovation aborted this year	Prozessinnovationen abgebrochen
4.14)	vg_process_inno_plan_co mpleted	process innovation planning completed this year	Planung für Prozessinnovationen abgeschlossen
4.15)	vg_process_inno_in_plan ning	process innovation still in planning stage this year	Prozessinnovationen noch in Planungsphase
4.16)	vg_process_inno_np	process innovation not planned this year	keine Prozessinnovationen geplant
4.17)	vg_share_inno_phase	share of turnover in stage of product launch	Anteil Produktein Produktstartphase an Umstaz

4.18)	vg_share_growth_phase	share of turnover in stage of positive growth	Anteil Produkte in Phase positiven Wachstums an Umsatz	
4.19)	vg_share_stagnation_pha			
4.19)	se	share of turnover in stage of stagnation	Anteil Produkte in Phase von stagnatierendem Wachstum an Umsatz	
4.20)	vg_share_negative_growt			
4.20)	h	share of turnover in stage of negative growth	Anteil Produkte in Phase negativen Wachstums an Umsatz	

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



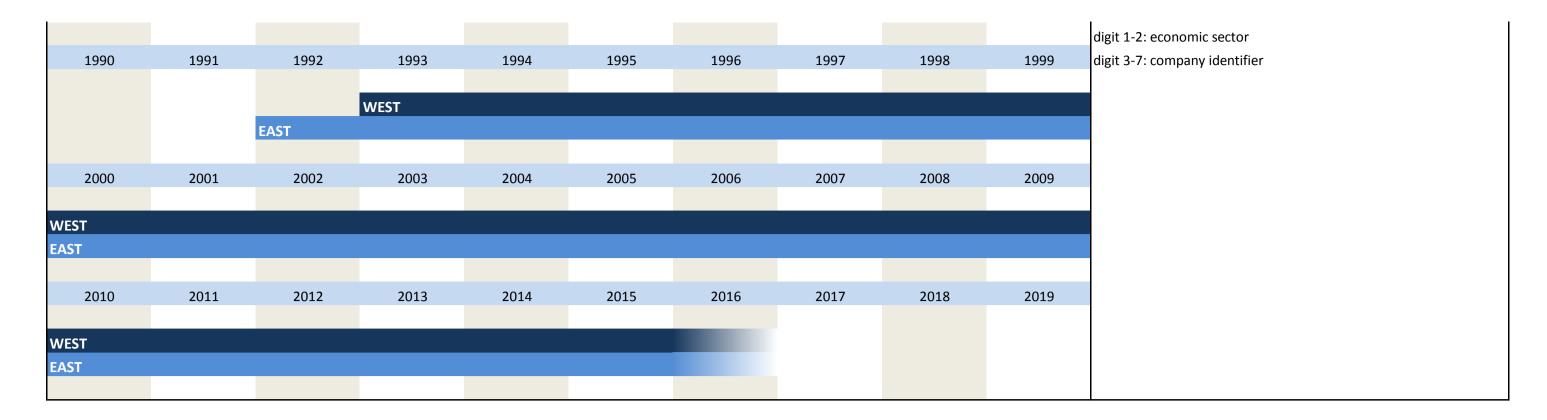
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
WEST									
	EAST								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
WEST									
EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST									
EAST									

No.	Name		Label				Survey period	b		Survey frequency
1.3)	month		month				West since 0 East since 01			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST	-						-			Month of 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										

No.	Name	Label	Survey period	Survey frequency
1.4)	idnum	KT and INNO firm adressfile id	West since 04/1993	monthly survey
			East since 04/1992	monthly survey

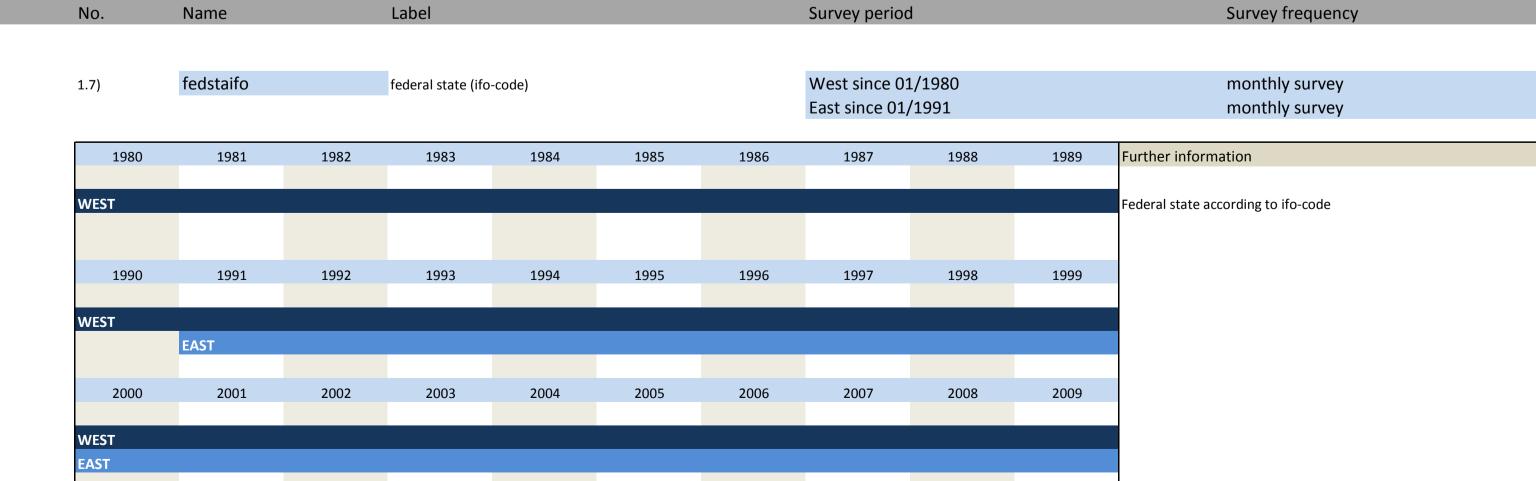
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										KT and INNO firm adressfile id
										7 digits





No.	Name		Label				Survey perio	d		Survey frequency		
1.5)	1.5) runnum		running number	of plant			West since 0	1/1980		monthly survey		
							East since 01/1991			monthly survey		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information		
WEST										Running number of plant		
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 period	l		Survey frequency		
1.6)	vg_plantnum		KT and INNO firm adressfile id West since 01/1980				monthly survey					
							East since 01/	East since 01/1991		monthly survey		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information		
WEST										KT and INNO firm adressfile id, 11 digits		
										plantnum is created with the following variables:		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	digit 1-4: prodnum		
WEST										digit 5-6: fedstaifo digit 7-11: runnum		
	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												



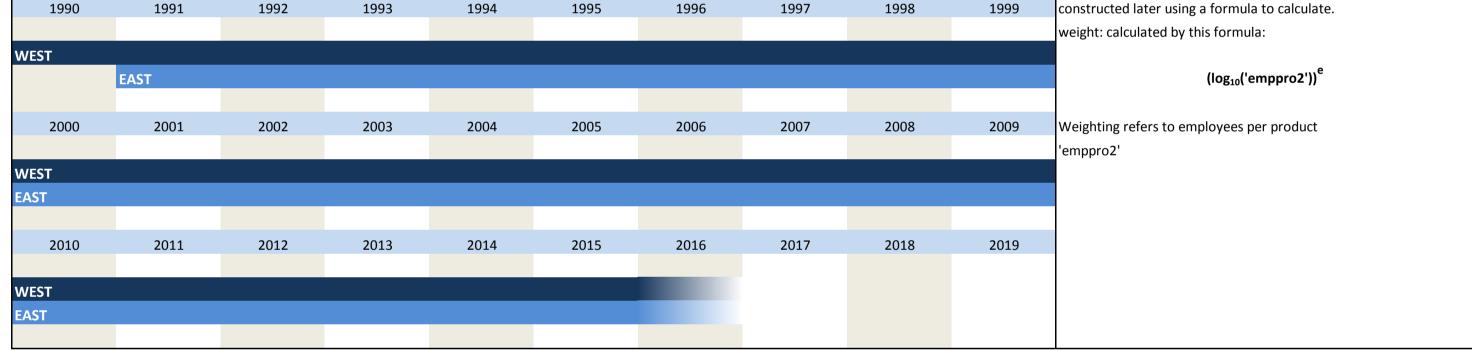
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST									



AST				

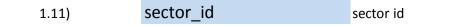
N	0.	Name	me Label						d		Survey frequency		
1.8	8)	vg_westeast		western eastern				West since 01/1980			monthly survey		
								East since 01/1991			monthly survey		
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information		
				_				_					
vv	EST										Differenciates between eastern and western survey		
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
w	'EST												
		EAST											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
W	'EST			_									
	\ST												
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
W	'EST												
EA	<b>AST</b>												

No.	Name		Label				Survey period	k		Survey frequency
1.9)	vg_weight		weight				West since 01	1/1980		monthly survey
							East since 01,	/1991		monthly survey
1000	1001	1000	1000	4004	4005	1000	1007	1000	4000	m allocate for exactly a
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										
										Variable is not collected in the survey but is

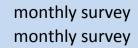


Ν	0.	Name		Label				Survey perio	od		Survey frequency
1.	10)	vg_latecomer		latecomer				and 08/2008	1/1998 to 12/2	001	monthly survey monthly survey
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
											Latecomer [1] N=latecomer
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
									WEST EAST		01/2002 to 07/2008 The data of the variable latecomer is not fed in, as a double occupancy of the corresponding column exists in the dataset
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	/EST AST								WEST EAST		
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
	/EST AST										

No.	Name	Label	Survey period	Survey frequency









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				Survey perio	d		Survey frequency		
1.12)	1.12) sector_ifo		ifo sector classifi	ication			West since 0	1/1980		monthly survey		
							East since 01	/1991		monthly survey		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information		
WEST	_									ifo-product number, 4 digits		
										Since 01/1991 the KT is inquired in the east, too.		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	The East- data is classified with a Sypro-product number.		
										The Sypro-number is transcoded in a ifo-product number.		
WEST										But for some Sypro-numbers exist no corresponding		
	EAST									ifo-product number.		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2000	2001	2002	2003	2004	2005	2000	2007	2008	2009			
WEST												
EAST												
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			

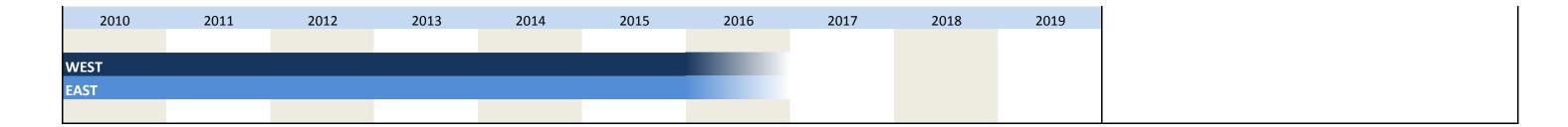


No.	Name		Label				Survey period	d		Survey frequency		
1.13)	sector_sypro		sypro sector clas	sification			West since 0			monthly survey		
							East since 01/1991			monthly survey		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information		
										Sector label		
WEST										Sypro-number		
										until 1990:		
										2 digits		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
WEST										since 1991 in East and West:		
	EAST				_					7 digits		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
N/FOT										Label key: very extensive, on demand,		
WEST EAST										see do-File: kt_vg_Panel_Label.do		
EAST			_				_					
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
WEST												
EAST												

No.	Name		Label				Survey period	ł		Survey frequency
1.14)	sector_wz93		wz93 sector class	sification			West since 02 East since 01			monthly survey
							East since 01,	(1991		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,
										see do-File: kt_vg_Panel_Label.do
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

WEST					
EAST					





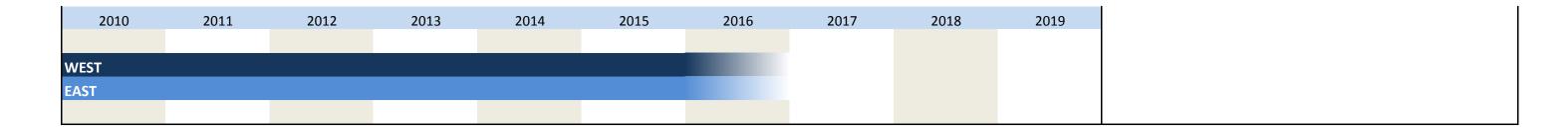
	No.	Name		Label				Survey period			Survey frequency
ź	1.15)	sector_wz08		wz08 sector class	sification			West since 0	1/1980		monthly survey
								East since 01	/1991		monthly survey
Г	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
	WEST										Sector, economic sector(-number) from 2008
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Label key: very extensive, on demand
											see do-File: kt_vg_Panel_Label.do
	WEST										
		EAST									
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	WEST										
	EAST	_									
	2010	2011	2012	2012	2014	2015	2016	2017	2018	2019	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
١	WEST										
	EAST										

No.	Name		Label				Survey perio	d		Survey frequency
1.16)	sector_total		ebdc sector clas	sification			West since 0	1/1980		monthly survey
							East since 01	/1991		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
MECT							_			
WEST										Sector, economic sector
										[6] food, drinks and tobacco industry
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	[7] textile, clothing, leather
										[8] wood industry, production of cork, wooden, braided
WEST										and basket articles (without furniture)
	EAST									[9] paper industry, Production of paper, board
										and articles thereof
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	[10] publishing industry, printing industry, reproduction of
MECT										recorded sound, image and data storage media
WEST EAST										[11] cokery, mineral oil processing, processing of fissile and fertile meterials
EAST										[12] chemical industry
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	[12] chemical industry [13] pharmazeutical industry
2010	2011	2012	2015	2014	2013	2010	2017	2010	2015	[14] rubber and plastics industry
WEST										[15] glass and ceramics industry, processing of stones and s
EAST										[16] metal industry
										[17] production of data processing devices, electronical
										and optical articles
										[18] production of electric equipment
										[19] machinery construction
										[20] broadcast and communications engineering
										[22] vehicle and vehicle part production
										[23] production of furniture, jewellery, music instruments,
										sports equipment, toys and other products
										[24] other production
										[25] repair and installation of machines and equipment

		II. Variables	regarding the	survey proces	S					
No.	Name		Label				Survey period	d		Survey frequency
1.17)	online		online				West 01/199 and since 07/			monthly survey
							East since 07			monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										Questionnaire answered online
										[0] paper
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	[1] fax
WEST										[2] online [5] manually collected
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

WEST					
EAST					





No.	Name		Label				Survey period	d		Survey frequency
1.18)	survey_start		survey start				West since 02 East since 01			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Survey start
										Only refers to the participants who answered the questionnair
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	online.
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
					WEST					
					EAST					
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

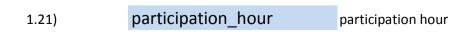
No.	Name		Label				Survey period	d		Survey frequency
1.19)	survey_end		survey end				West since 02	1/2005		monthly survey
			_				East since 01,	/2005		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										End of survey

										End of survey
										Only refers to the participants who answered the questionnaire
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	online.
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	k		Survey frequency
1.20)	participation_	_date	participation date	9			West since 02			monthly survey
							East since 01,	/2005		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information

1500	1001	1901	1000	1901	1000	1900	1007	1500	1909	
										Participation date
										Only refers to the participants who answered the questionnaire
										Only refers to the participants who answered the questionnaire online.
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 period	Survey frequency







monthly survey monthly survey

1980	1981 1982	1983	1984	1985	1986	1987	1988	1989	Further information
------	-----------	------	------	------	------	------	------	------	---------------------



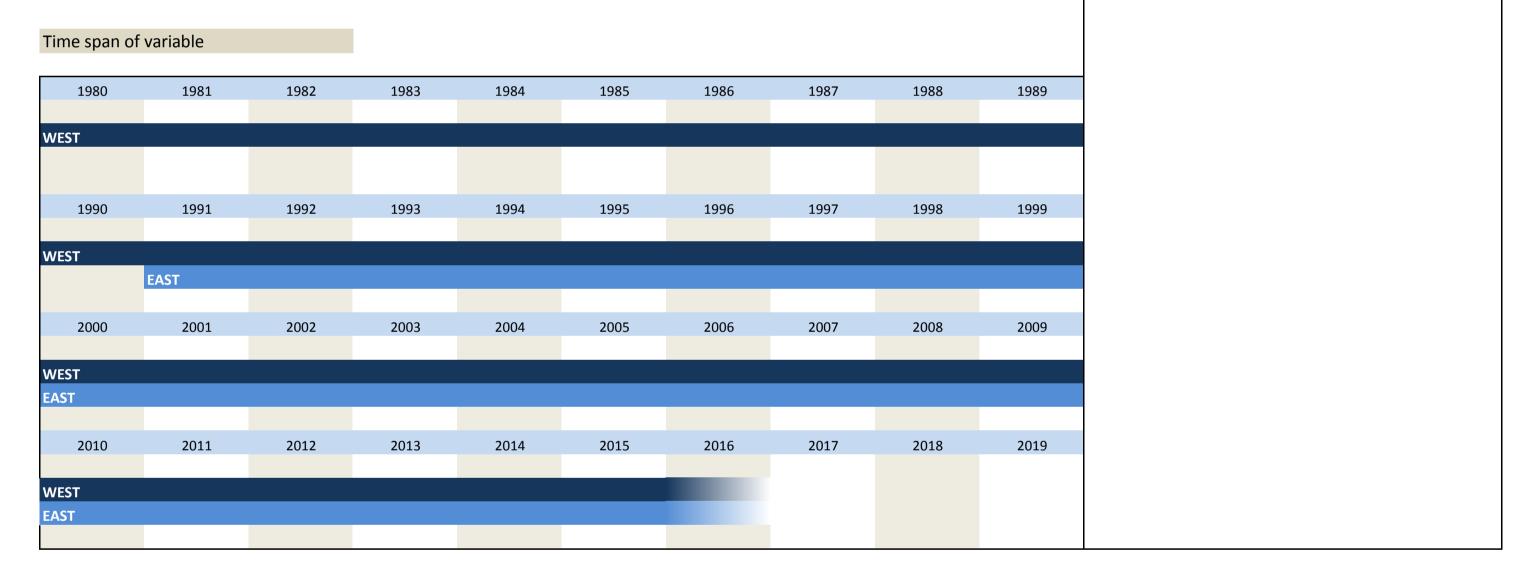
										Participation hour Only refers to the participants who answered the questionnaire
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	online.
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
					WEST EAST					
					LAJI					
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name		Label				Survey period	k		Survey frequency
1.22)	participation_	_status	participation stat	cus			West since 02			monthly survey
							East since 01,	/2005		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Participation status
										Only refers to the participants who answered the questionnaire online.
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	oninic.
										[1] finished
										[2] reworked
										[3] completed
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	[4] saved
					WEST					
					EAST					
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	





	2. Standard questions			
No.	Name	Label	Survey period	Survey frequency
2.1)	vg_statebus	state of buisness (appraisal)	West since 01/1980	monthly survey
			East since 01/1991	monthly survey
Wording	of question			
01/1991 to	11/2001			Further information
				Appraisal of the state of business
No question	nnaires for the East available			
01/1980 to	11/2001			
we currenti	ly evaluate our state of busines	s for XY to be		
		good [1]		
		satisfiable (seasonal) [2] bad [3]		
01/2002 to	02/2002			
	uation and tendencies ly evaluate our state of busines			
we currenti	y evaluate our state of busilies.			
		good [1]		
		satisfiable [2] bad [3]		
since 03/200	02			
Current situ				
We evaluate	e our state of business for XY to	b be		
		good [1]		
		satisfiable [2] bad [3]		

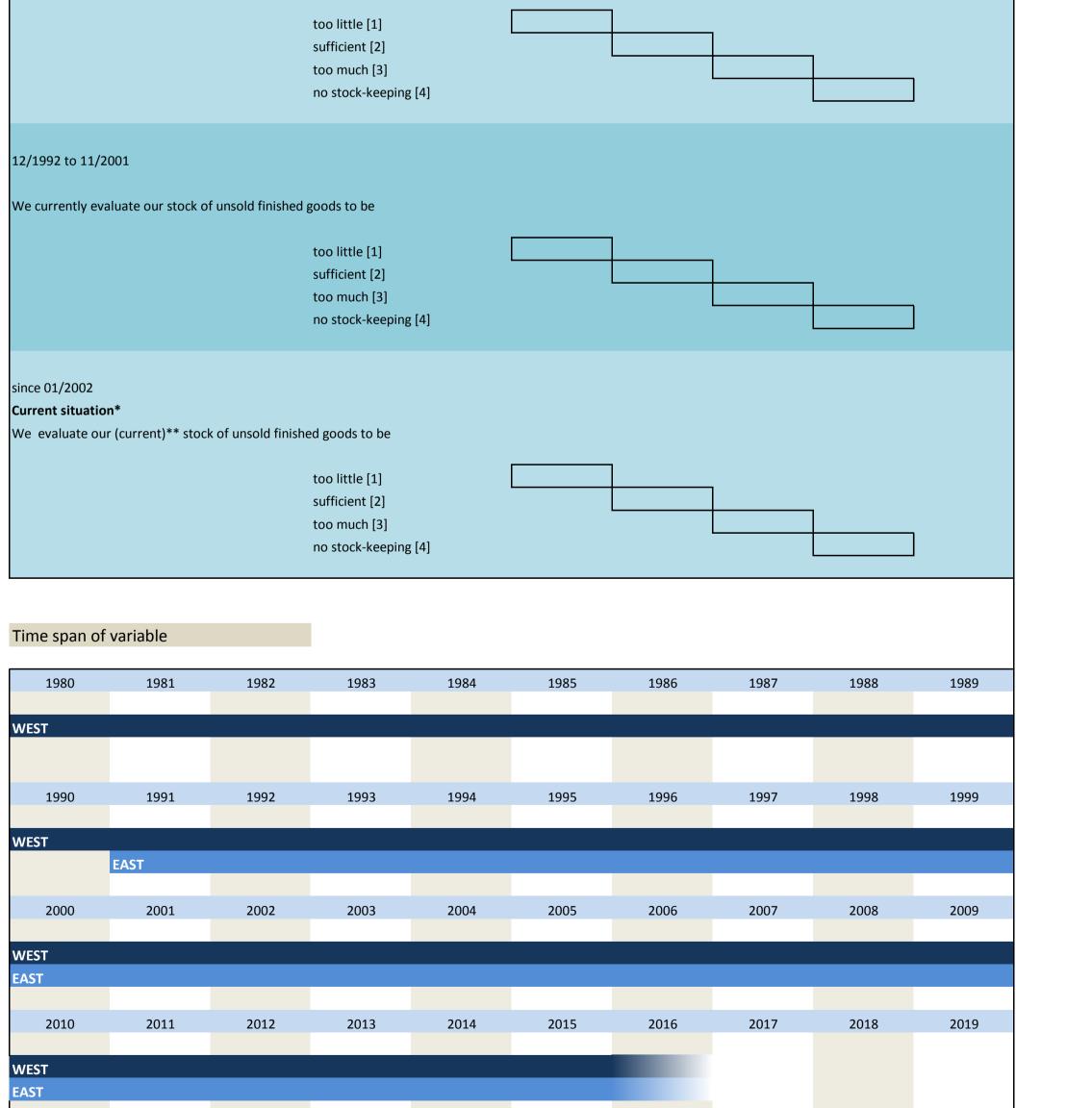


No. N	Name	Label	Survey period	Survey frequency
2.2) v Wording of que	/g_provpm estion	production versus previous month	West 01/1980 to 11/2001 East 01/1991 to 11/2001	monthly survey monthly survey
01/1991 to 11/200 No questionnaires	01 for the East available			Further information Production compared to previous month
01/1980 to 06/199	94			Due to the alignment of the survey periods by the European Union, the question is continued by the variable <b>2.15) pro_vpq</b> from 01/2002 on
Compared to previ	ious month our domestic produc	tion of XY was more active [1] not changed [2] less active [3]		In the english translation of the value label there is a linguistic, not a contentual divergence before 1990.
07/1994 to 11/200	01			
Compared to previ	ious month the activity of our do	mestic production of XY was more [1]		





WEST       Image: Contract of the East available       1992       1993       1994       1995       1996       1999       1999         1990       1991       1992       1993       1994       1995       1996       1999       1999         VEST       EAST       Image: Contract of the East available       2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         VEST       Image: Contract of the East available       Image: Contract of the East available       2010       2012       2013       2014       2015       2016       2017       2018       2019         Vest since 01/1980       Image: Contract of the East available       Survey period       Survey frequency       Monthly survey         01/1991       Image: Contract of the East available       Survey frequency       Image: Contract of the East available       Image: Contravai available       Image: Contract o	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	-
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999   WEST EAST 2000 2002 2003 2004 2005 2006 2007 2008 2009   VIST EAST EAST EAST EAST EAST EAST EAST EAST   2000 2001 2002 2003 2004 2005 2006 2007 2008 2009   VIST EAST EAST EAST EAST EAST EAST EAST   2010 2011 2012 2013 2014 2015 2016 2017 2018 2019											
WEST   2000   2001   2002   2003   2004   2005   2005   2006   2007   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019            No.   Name   Label      Survey period Survey frequency Anothly survey monthly su	WEST										
WEST   2000   2001   2002   2003   2004   2005   2005   2006   2007   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019            No.   Name   Label      Survey period Survey frequency Anothly survey monthly su											
EAST         2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         VEST       Image: Constraint of the co	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
Z000 2001 2002 2003 2004 2005 2006 2007 2008 2009   VIST FAST Image: State S	WEST										
WEST   EAST   2010 2011   2011 2012   2013 2014   2015 2015   2016 2017   2018 2019     No. Name   Label Survey period   Survey frequency      2.3) vg_stin   stock of inventories West since 01/1980   Bast since 01/1991 monthly survey   Wording of question     01/1991 to 11/2001   No questionnaires for the East available		EAST									
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         2.3)       vg_stin       stock of inventories       West since 01/1980 East since 01/1991       monthly survey monthly survey monthly survey         01/1991 to 11/2001 No questionnaires for the East available       Further information Appraisal of the stock of inventories       Further information Appraisal of the stock of inventories	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
EAST   2010   2011   2012   2013   2014   2015   2016   2017   2018   2019	WEST										
No.       Name       Label       Survey period       Survey frequency         2.3)       vg_stin       stock of inventories       West since 01/1980 East since 01/1991       monthly survey monthly survey         Wording of question       Image: Comparison of the stock of inventories       Further information Appraisal of the stock of inventories											
No.       Name       Label       Survey period       Survey frequency         2.3)       vg_stin       stock of inventories       West since 01/1980 East since 01/1991       monthly survey monthly survey         Vording of question       Image: Comparison of the stock of inventories       Further information Appraisal of the stock of inventories	2010	2011	2012	2012	2014	2015	2016	2017	2019	2010	
2.3) vg_stin stock of inventories West since 01/1980 monthly survey East since 01/1991 monthly survey Wording of uestion	2010	2011	2012	2015	2014	2015	2016	2017	2018	2019	
2.3) vg_stin stock of inventories West since 01/1980 monthly survey East since 01/1991 monthly survey East since 01/1991 monthly survey											
2.3) vg_stin stock of inventories West since 01/1980 monthly survey East since 01/1991 monthly survey worthly survey											
2.3) vg_stin stock of inventories West since 01/1980 monthly survey East since 01/1991 monthly survey wonthly survey											
East since 01/1991       monthly survey         Wording of question       Further information         01/1991 to 11/2001       Appraisal of the stock of inventories         No questionnaires for the East available       Further information	No.	Name		Label				Survey period	d		Survey frequency
East since 01/1991 monthly survey Wording of question											
Wording of question       Further information         01/1991 to 11/2001       Appraisal of the stock of inventories         No questionnaires for the East available       Appraisal of the stock of inventories		vg_stin		stock of inventor	ies			West since 0	1/1980		monthly survey
01/1991 to 11/2001 No questionnaires for the East available	2.3)							East since 01,	/1991		monthly survey
01/1991 to 11/2001 Appraisal of the stock of inventories No questionnaires for the East available		question									
Appraisal of the stock of inventories No questionnaires for the East available		question									
	Wording of										Further information
01/2002 and 02/2002	Wording of	/2001	-1-6-								
01/1980 to 11/1992 **addition "current"	Wording of 01/1991 to 11 No questionna	/2001 ires for the East ava	ailable								Appraisal of the stock of inventories 01/2002 and 02/2002 *Current situation and tendencies





Label

Name

No.



Survey period

monthly survey

Survey frequency



East 01/1991 to 11/2001 monthly survey Wording of question Further information 01/1991 to 11/2001 Situation of demand compared to previous No questionnaires for the East available month Due to the alignment of the survey periods by the European Union, the question is 01/1980 to 06/1994 continued by the variable 2.16) demand\_vpq from 01/2002 on Compared to previous month the situation of demand (domestic and foreign demand) for XY is better [1] not changed [2] worse [3] 07/1994 to 11/2001 Compared to previous month the situation of demand for XY is better [1] not changed [2] worse [3] Time span of variable 1982 1986 1988 1980 1981 1983 1984 1985 1987 1989 WEST 1991 1990 1992 1993 1994 1995 1996 1997 1998 1999 WEST EAST 2001 2003 2005 2006 2007 2000 2002 2004 2008 2009 WEST EAST

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019

No. Name	Label	Survey period	Survey frequency
2.5) vg_ordvpm	orders versus previous month	West 01/1980 to 11/2001	monthly survey
		East 01/1991 to 11/2001	monthly survey
Wording of question			
01/1991 to 11/2001			Further information
01/1991 (0 11/2001			Orders versus previous month
No questionnaires for the East available			Due to the alignment of the survey periods
			by the European Union, the question is
01/1980 to 12/1980			continued by the variable
			2.17) ord_vpq from 01/2002 on
Compared to previous month our order bac	klog (domestic and foreign orders) for XY is currently (in terr	ns of value*)	
	higher [1]		*The addition "in terms of value" is only
	as high as normal [2]		added in the months 01/03/04/05/09/10
	lower [3]		
	stock-keeping not usual [4]		
01/1981 to 12/1982			
Compared to previous month our order bac	klog (in terms of value, domestic and foreign orders) for XY i	s currently	
	higher [1]		
	as high as normal [2]		
	lower [3]		
	stock-keeping not usual [4]		
since 01/1983 to 06/1994			
Compared to previous month our order bac	klog (in terms of value, domestic and foreign orders) for XY i	s currently	
	higher [1]		
	as high as normal [2] lower [3]		
since 07/1994 to 06/1997			





inco 07/1007 t	11/2001								
ince 07/1997 to	0 11/2001								
Compared to pr	evious month our	order backlog of o	domestic and fore	ign orders (in ter	ms of value) for X	Y is currently			
			higher [1]			1			
			as high as norma	I [2]					
			lower [3]						
	verieble								
Time span of	variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
WEST									
VVLST									
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	Survey frequency
26)	vg_orders	orders (appraisal)	West since 01/1980	monthly survey
			East since 01/1991	monthly survey
Wording	g of question			

		Further information
01/1991 to 11/2001		appraisal of the current order backlog
No questionnaires for the East available		01/2002 and 02/2002
01/1980 to 12/1982		<ul> <li>*instead of "Current situation"</li> <li>→"Current situation and tendencies"</li> <li>**addition "current"</li> </ul>
We currently evaluate our order backlog (domestic and for	eign orders) to be	
	all [3]	since 01/1994 inquired for east and west
01/1983 to 06/1994		
We currently evaluate our order backlog (domestic and for	eign orders) to be	
	Istomary	
07/1994 to 06/1997		
We currently evaluate our order backlog		
	Istomary	
07/1997 to 11/2001		
We currently evaluate our order backlog (domestic and for	eign orders) to be	
	Istomary	
since 01/2002		





			(e.g. extended time of sufficient [2] or not customary too small [3]	f delivery)					
Time span of	variable		I						
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	Survey period	Survey frequency
2.7)	vg_pricevpm	domestic prices of sale versus previous month	West 01/1980 to 11/2001	monthly survey
			East 01/1991 to 11/2001	monthly survey
Wording	of question			
Wording	of question			Eurther information
Wording	·			Further information
01/1991 to	11/2001			Further information Domestic prices of sale versus previous month
01/1991 to	·			

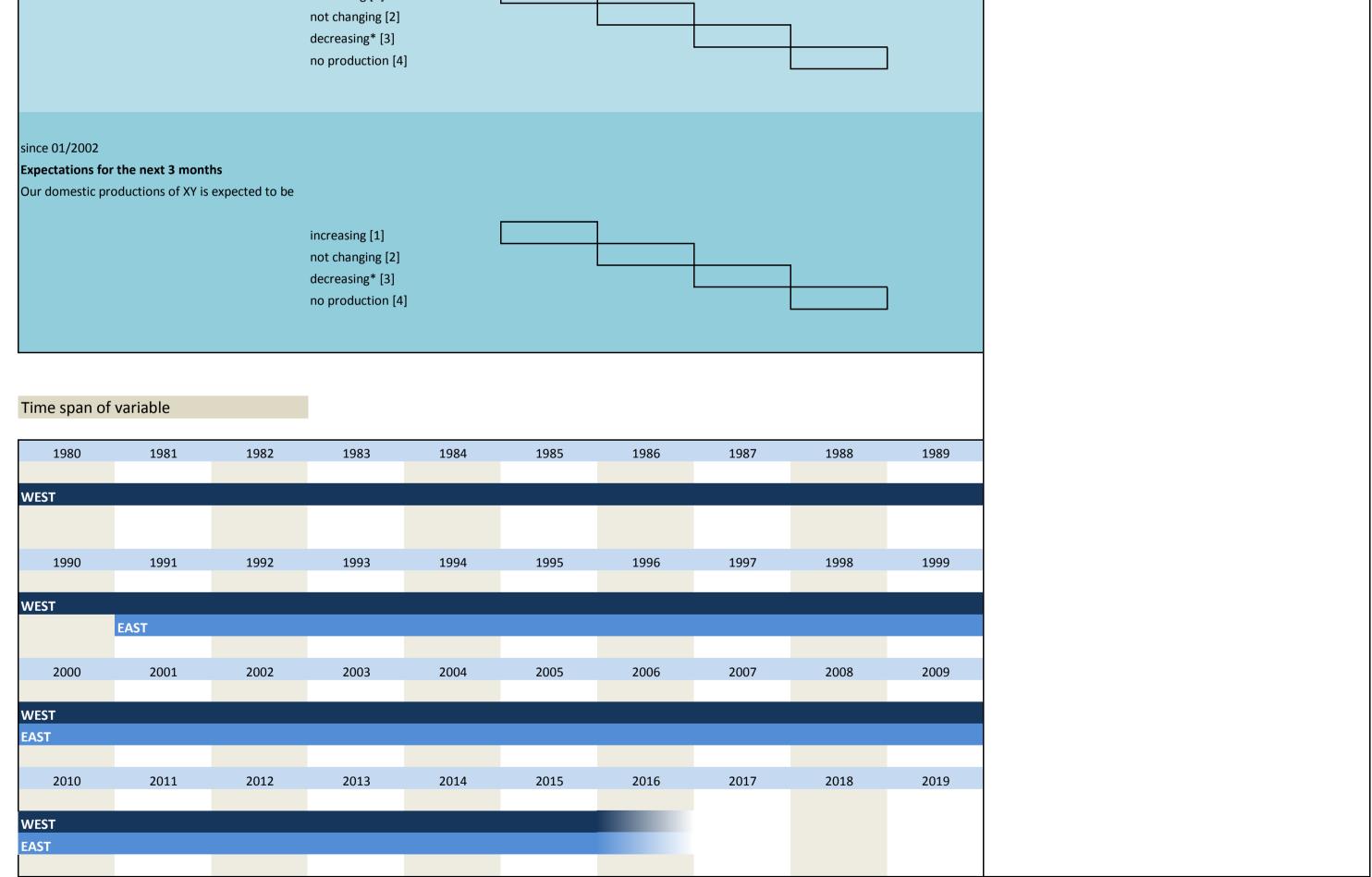
	980, 05/1980, 10/1									continued by the variable 2.18) price_vpq from 01/2
Compared to p	revious month our	domestic sale pr	ices - taking chang	ges in conditions i	nto account - for X	XY were follow up orders				
				regular orders	(a	lso "since stock-orders	5")			
		increased [1]								
		not changed [2]								
		decreased [3]								
02/1980, 03/19	980, 06/1980 to 09	/1980, 11/1980	to 09/1991							
Compared to p	revious month our	domestic sales p	prices (net-prices)	- taking changes ii	n conditions into a	account - for XY we	re			
					·	-				
			increased [1] not changed [2]					_		
			decreased [3]					]		
.0/1991 to 11/	2001									
		domostic colos n	vrices (not prices)	taking changes is	a conditions into a	account for XV wa	<b>F</b> Q			
compared to p	revious month our	domestic sales p	inces (net-prices)	- taking changes n		account - for XY we	i e			
			increased [1]							
			not changed [2] decreased [3]					1		
Time span o	fvariable									
										-
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	1771	1332	1333	1774	1333	1990	1997	1330	1999	
WEST	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	2001	2002	2003	2007	2005	2000	2007	2000	2005	
WEST EAST										

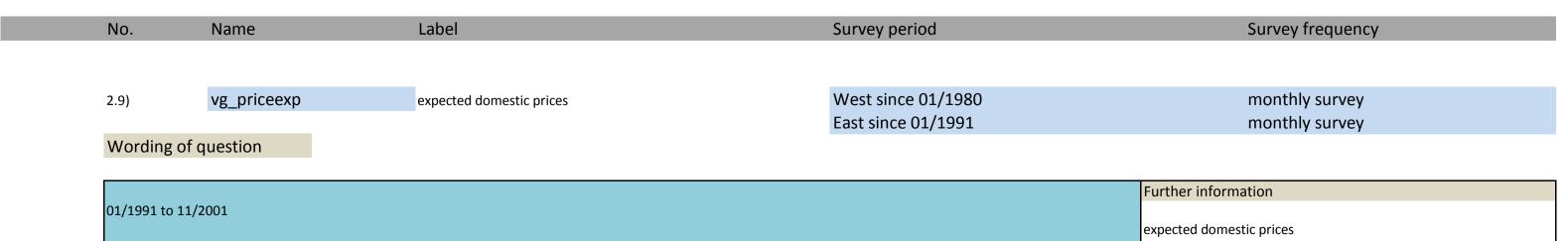
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019



,

No.	Name	Label		Survey period	Survey frequency
2.8)	vg_proexp	expected production		West since 01/1980 East since 01/1991	monthly survey monthly survey
Wording of	question				, ,
01/1991 to 11	/2001				Further information
					Expected domestic production
No questionna	ires for the East available				* 04/1991 to 01/1993
01/1980 to 06	/1994				"fall" instead of "decrease"
	tt 3 months our domestic r elimination of purely sea	production is expected to be [] in cyc asonal fluctuations	lical regards		
		increasing [1] not changing [2] decreasing* [3]			
07/1994 to 06	/1997				
	at 3 months our domestic r elimination of purely sea	production is expected to [] in cyclica asonal fluctuations	I regards		
		increasing [1]			
		not changing [2] decreasing* [3]			
		no production [4]			
07/1997 to 11	1/2001				
During the nex	xt 3 months our domestic	production is expected to be [] in cyc	lical regards		
		increasing [1]			
		not changing [2]			





No questionnaires for the East available	
	*03/1990 to 01/1993
	"decrease" instead of "fall"
01/1980 to 05/1980	



Expectations for the next 3 months       Image: Second Secon										
on changing [2]	During the next	t 3 months our dom	nestic sales prices	s for XY (only regul	ar orders) - takin	g changes in cond	itions into accour	nt - are expected t	o be	
During the next 3 months our domestic sales prices for XY (ony net sales prices) - taking changes in conditions into account - are expected to be          rising [1]       not changing [2]         failing* [3]				not changing [2]				<u> </u>	]	
rising [1] not changing [2] failing* [3] Since 01/2002 Expectations for the next 3 months Our domestic sales prices (Net) for XY - taking changes in conditions into account - will expectedly be rising [1] not changing [2] failing [3] Time span of variable Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1985 1986 1987 1988 1989 WEST Expected of the set o	06/1980 to 11/	/2001								
not changing [2]       not changing [2]         since 01/2002       Expectations for the next 3 months         Cour domestic sales prices (Net) for XY - taking changes in conditions into account - will expectedly be         rising [1]       not changing [2]         falling [3]       into the next 3 months         Time span of variable       into the next 3 months         1980       1981       1982       1983       1985       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         WEST       Image: state	During the next	t 3 months our dom	nestic sales prices	s for XY (ony net sa	iles prices) - takin	g changes in conc	litions into accou	nt - are expected t	to be	
Expectations for the next 3 months         Our domestic sales prices (Net) for XY - taking changes in conditions into account - will expectedly be         rising [1]         not changing [2]				not changing [2]			]	]	]	
Initial ing [3]       Initial ing [3]         Time span of variable       Initial ing [3]         1980       1981       1982       1983       1985       1986       1987       1988       1989         WEST       Initial ing [3]       Initing [3]       Initing [3]				nges in conditions	into account - wi	ll expectedly be				
1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         WEST         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         WEST         KEST         EAST				not changing [2]			]	]	]	
WEST         Image: Second	Time span o	f variable								
1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         WEST         EAST         Image: Im	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         WEST         EAST         Image: Im	WEST									
WEST EAST	WEST									
EAST	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	WEST									
2000       2001       2002       2003       2004       2005       2006       2007       2008       2009		EAST								
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009

2011	2012	2013	2014	2015	2016	2017	2018	2019
	2011			2011 2012 2013 2014	2011       2012       2013       2014       2015	2011       2012       2013       2014       2015       2016	2011       2012       2013       2014       2015       2016       2017	2011       2012       2013       2014       2015       2016       2017       2018

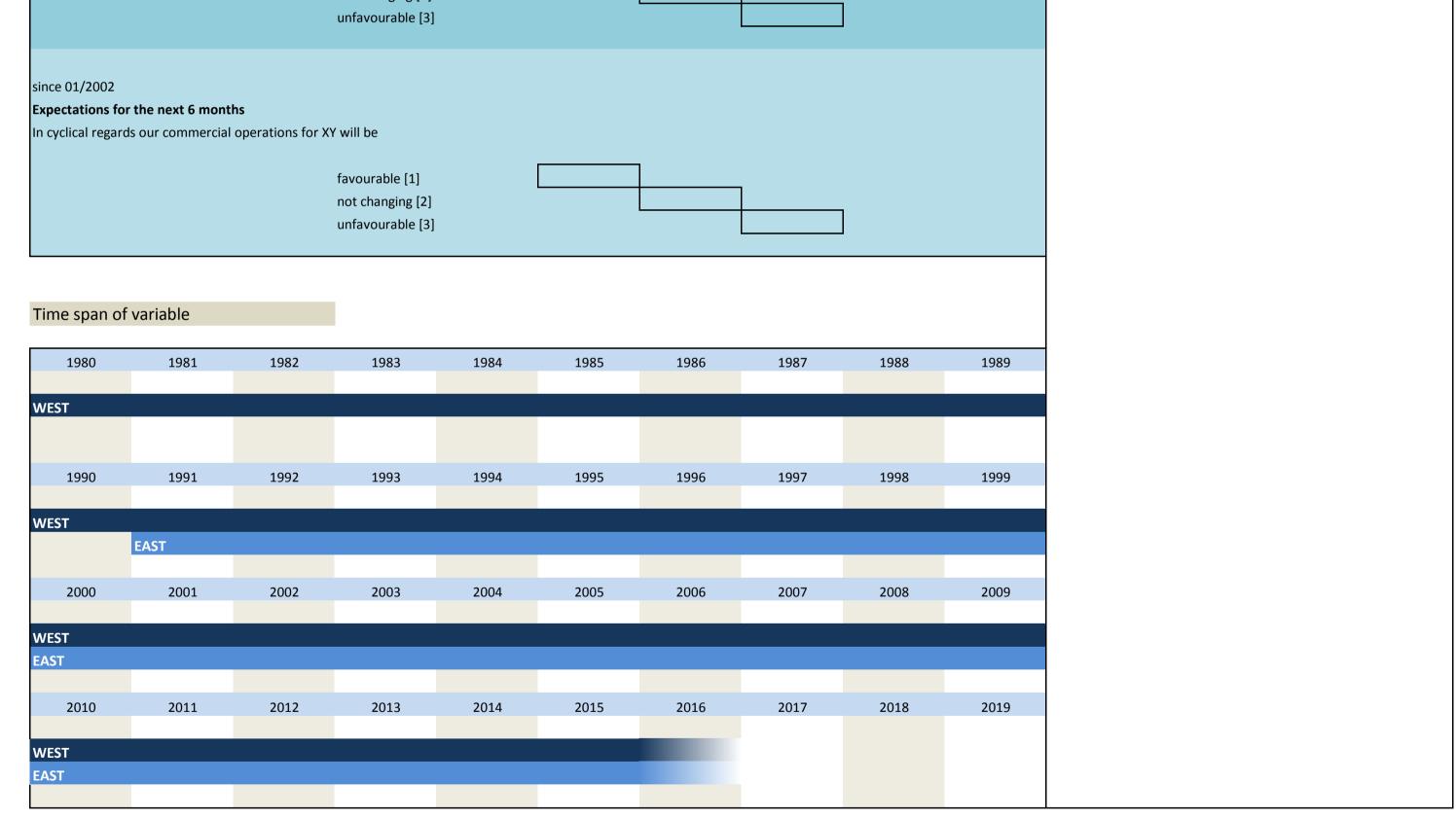
No.	Name	Label		Survey p	eriod	Survey frequenc
2.10)	vg_expexp	expected export t	rade	West sin	ce 01/1980	monthly survey
				East sinc	e 01/1991	monthly survey
Wording of	question					
						Further information
01/1991 to 11/	2001					expected export trade
lo questionnai	res for the East avail	able				
01/1980 to 11/	2001					
uring the next	: 3 months the exten	t of our exports - taking former ex	port deals and running order neg	otiations into account - is exp	ected to be	
		increasing [1]				
		not changing [2]				
		decreasing [3]				
		no export [4]				
ince 01/2002						
	or the next 3 months	<b>s</b> t of our exports - taking former ex	port deals and rupping order por	atiations into account is own	acted to be	
uning the next	5 months the exten	torour exports - taking former ex	Sort deals and running order neg	oriations into account - is exp		
				-		
		increasing [1]				
		not changing [2]				
		decreasing [3] no export of XY [4	1			
			1			
	6					
Fime span o	f variable					
Time span o 1980		1982 1983	1984 1985	1986 1987	1988	1989
	f variable 1981	1982 1983	1984 1985	1986 1987	1988	1989

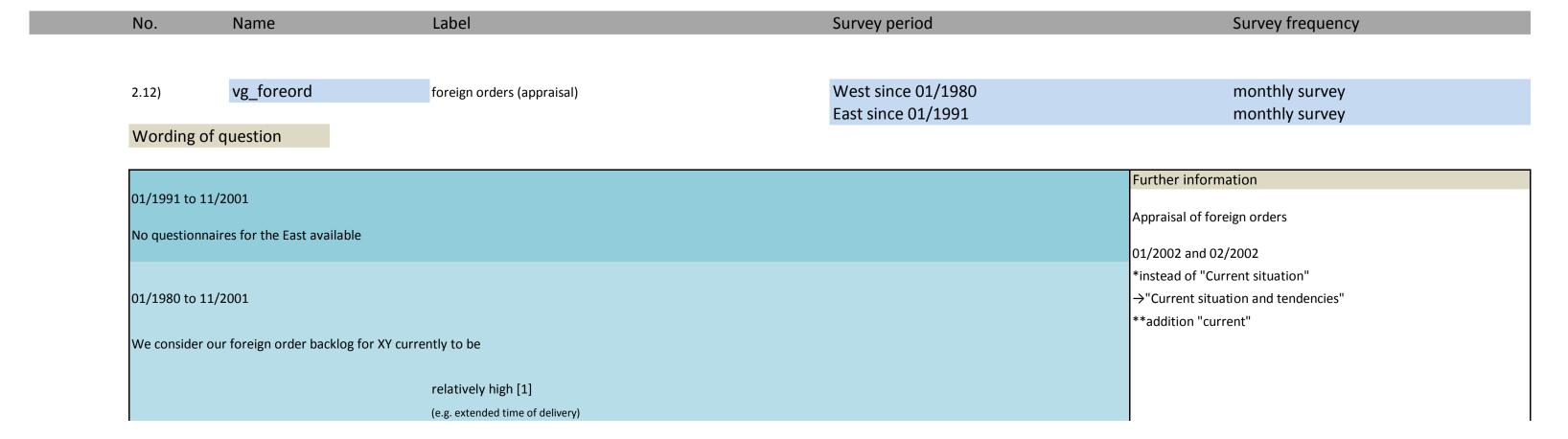
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999



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

No. Na	ame	Label	Survey period	Survey frequency
2.11) Vg	g_comexp	expected commercial operations	West since 01/1980 East since 01/1991	monthly survey monthly survey
Wording of que	estion			
				Further information
01/1991 to 11/2001				Expected commercial operations
No questionnaires for	or the East available			
01/1980 to 06/1997	7			
During the next 6 m	onths our commercial operation	ns for XY will be [] in cyclical regards, therefore by eliminating pure	ly seasonal fluctuations	
		favourable [1]	_	
		not changing [2]	+	
		unfavourable [3]		
07/1997 to 11/2001	1			
During the next 6 m	onths our commercial operation	ns for XY will be [] in cyclical regards		
		favourable [1]		







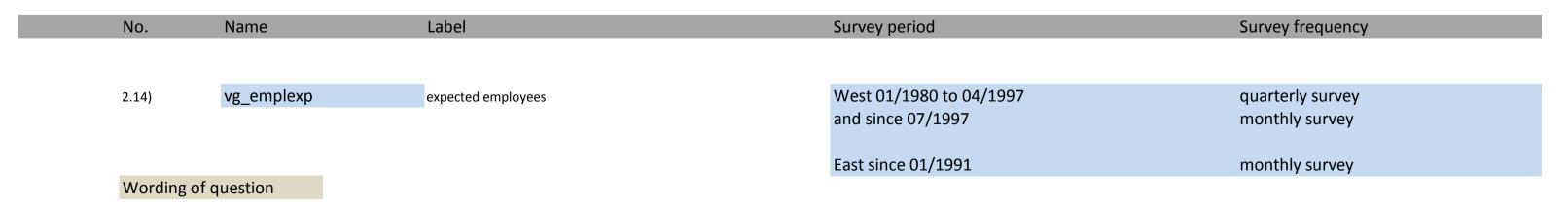
	sufficient [2]		
	too small [3]		
	no export XY [4]		
since 01/2002			
Current situation*			
	eign order backlog to be		
	eign order backlog to be	for export	
	eign order backlog to be relatively high [1]	for export	
		for export	
	relatively high [1]	for export	
<b>Current situation*</b> We consider our (current**) for	relatively high [1] sufficient [2]	for export	

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
1990	1551	1352	1995	1334	1995	1990	1337	1990	1999
WEST									
	FACT								
	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
-----	------	-------	---------------	------------------

2.13)	vg_salesexp		sales expectancy				West 01/198	0 to 06/1994		monthly survey
Wording of q	uestion									
										Further information
01/1980 to 06/19	994									Sales expectancy
During the next 3	3 months our (dor	nestic and foreigr	n) sales of XY will e	xpectedly be						
			rising [1]				L			Inquired for food and luxury food industries
			not changing [2] falling [3]					]		
in terms of quant	tity compared to t	the corresponding	g period of previou	is year						
	<i>·</i> ·			•						-
<b>T</b>										
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1000	1001	1002	1002	1004	1005	1000	1007	1008	1000	
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	



#### 01/1991 to 11/2001

No questionnaires for the East available

Further information

Expected development of the total number of employees



01/1980 to 04/1	1997									*10/1980 to 10/1993 the question has the same structure for the west in October as the question of the variable "empl". see 3.14)
During the next		<b>panies)</b> mber of employees easonal fluctuations		roduction of XY v	vill be in cycl	ical regards,				was a special question until 06/1997. see 3.13)
		increasing [1] not changing [2] decreasing [3]	I							
07/1997 to 11/2	2001									
	<b>y domestic comp</b> 3 months the nu	<b>panies)</b> mber of employees	assigned to the p	roduction of XY v	vill be					
		increasing [1] not changing [2] decreasing [3]	l							
Employees (onl	r the next 3 mon y domestic comp employees assign		n of XY will be							
Time span of	<sup>f</sup> 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	2002	2004	2005	2006	2007	2008	2000	

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	Labe	l			Survey period	d		Survey frequency
2.15)	vg_pro_vpq	produ	ction vs. previous 2-3 month	าร		West since 02	1/2002		monthly survey
						East since 01,	/2002		monthly survey
Wording of	fquestion								
								F	urther information
01/2002 to 02	2/2002								reduction in providure month or
During the las	t 2-3 months our dome	estic production of XY	became						roduction in previous month or uring the last 2-3 months
					_				
		more	active [1]			I.		D	ue to the alignment of the survey periods
		not ch	anged [2]				7	b	y the European Union, the question was
			tive [3]						pressed by the variable
		no pro	oduction [4]					] 2.	<b>2) provpm</b> until 11/2001
since 03/2002									
	previous month								
	production of XY								
					_				
		increa	sed [1]						
			about the same [2]				7		
			ased [3]				1	1	
		no pro	oduction [4]					J	
Time span	of variable								
1980	1981	1982	1983 1984	1985	1986	1987	1988	1989	





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
2.16)	vg_demand_vpq	situation of dem	and vs. previous 2-3	3 months		West since 01, East since 01/2		monthly survey monthly survey
Wording	of question							
01/2002 to (	02/2002							Further information Situation of demand previous month or
During the la	ast 2-3 months the situation	of demand of XY was better [1]	C		1	1		during the last 2-3 months Due to the alignment of the survey periods
		not changed [2] worse [3]						by the European Union, the question was expressed by the variable <b>2.4) demand</b> until 11/2001
since 03/200 tendencies	02 in previous month							
The <b>situatio</b>	<b>n of demand</b> of XY was		r		-			
		better [1] not changed [2] worse [3]	L					
<b></b>								
Time spar	n of variable							

	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
							_			
WES										
EAS	Т									

2.17) vg_ord_vpq orders vs. previous 2-3 months West since 01/2002 East since 01/2002 monthly survey monthly survey Morting of ueston 1/2002 to 02/2002 During the last 2-3 months our order backlog (domestic and foreign orders, in terms of value) for XY was higher [3] about the same [2] bour fight orders, in terms of value) for XY was since 03/2002 time 03/2002 time 03/2002 time 04/2003 monthly survey periods by the European Union, the question was expressed by the variable 2.5) order unit 11/2001. Time span of variable	No.	Name	Label	Survey period	Survey frequency
East since 01/2002       monthly survey         01/2002 to 02/2002       Further information         During the last 2-3 months our order backlog (domestic and foreign orders, in terms of value) for XY was       Further information         higher [1]       Image: Comparison of the survey periods         Jower [3]       Image: Comparison of the survey periods         Since 03/2002       Image: Comparison of the survey periods         Our order backlog (domestic and foreign orders, in terms of value) for XY was       Due to the alignment of the survey periods         Since 03/2002       Image: Comparison orders, in terms of value) for XY was       Since 03/2002         Lendencies in previous month       Image: Comparison orders, in terms of value) for XY was       Image: Comparison orders, in terms of value) for XY was         Image: Lendencies in previous month       Image: Comparison orders, in terms of value) for XY was       Image: Comparison orders, in terms of value) for XY was         Image: Lendencies in previous month       Image: Comparison orders, in terms of value) for XY was       Image: Comparison orders, in terms of value) for XY was         Image: Lendencies in previous month       Image: Comparison orders, in terms of value) for XY was       Image: Comparison orders, in terms of value) for XY was         Image: Lendencies in grame (2)       Image: Comparison orders, in terms of value) for XY was       Image: Lendencies in terms of value) for XY was         Image: Len					
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       Orders last month or during the last 2-3 months         higher [1] about the same [2] lower [3]       Orders last month or during the last 2-3 months         since 03/2002       Interms of value) for XY was         higher [1] about the same [2] lower [3]       Interms of value) for XY was         higher [1] about the same [2] lower [3]       Interms of value) for XY was	2.17)	vg_ord_vpq	orders vs. previous 2-3 months	West since 01/2002	monthly survey
D1/2002 to 02/2002 During the last 2-3 months our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1] about the same [2] lower [3] since 03/2002 tendencies in previous month Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1] about the same [2] lower [3] Due to the alignment of the survey periods by the European Union, the question was expressed by the variable 2.5) ordwpm until 11/2001.				East since 01/2002	monthly survey
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       Due to the alignment of the survey periods by the European Union, the question was expressed by the variable 2-3 months         since 03/2002       Image: Comparison of the survey periods on the survey periods by the European Union, the question was expressed by the variable 2-3 months       Image: Comparison of the survey periods by the European Union, the question was expressed by the variable 2-3 months         since 03/2002       Image: Comparison of the survey periods on the survey periods by the variable 2-3 months       Image: Comparison of the survey periods by the variable 2-3 months         Our order backlog (domestic and foreign orders, in terms of value) for XY was       Image: Comparison of the survey periods 2-3 months       Image: Comparison of the survey periods 2-3 months         Our order backlog (domestic and foreign orders, in terms of value) for XY was       Image: Comparison of the survey periods 2-3 months       Image: Comparison of the survey periods 2-3 months         Image: Comparison of the survey periods and foreign orders, in terms of value) for XY was       Image: Comparison of the survey periods 2-3 months       Image: Comparison of the survey periods 2-3 months         Image: Comparison order backlog (domestic and foreign orders, in terms of value) for XY was       Image: Comparison of the survey periods 2-3 months       Image: Comparison of the survey periods 2-3 months         Image: Comparison order backlog (domestic and foreign orders, in terms of value) f	Wording of	fquestion			
During the last 2-3 months our order backlog (domestic and foreign orders, in terms of value) for XY was       Orders last month or during the last 2-3 months         higher [1] about the same [2] lower [3]       Due to the alignment of the survey periods by the European Union, the question was expressed by the variable <b>2.5) ordypm</b> until 11/2001.         since 03/2002       tendencies in previous month         Our order backlog (domestic and foreign orders, in terms of value) for XY was       Line (1) about the same [2] lower [3]         Indencies in previous month       Line (2) lower [3]					Further information
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   higher [1]	01/2002 to 02	2/2002			Orders last month or
higher [1] Due to the alignment of the survey periods by the European Union, the question was expressed by the variable   since 03/2002 Since 03/2002   tendencies in previous month Since 01/2001   Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1]   about the same [2] Since 01/2002   iower [3] Since 01/2002	During the las	st 2-3 months our order backlog (do	mestic and foreign orders, in terms of value) for XY was		
about the same [2]   lower [3]   since 03/2002 tendencies in previous month Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1] about the same [2] lower [3] About the same [3]<	During the las				
about the same [2]   lower [3]   since 03/2002 tendencies in previous month Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1] about the same [2] lower [3] About the same [3]<		higher [1]			Due to the alignment of the survey periods
Iower [3] expressed by the variable   since 03/2002			ne [2]		
since 03/2002 tendencies in previous month Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1] about the same [2] lower [3]					
since 03/2002 tendencies in previous month Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1]					
tendencies in previous month Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1] about the same [2] lower [3]					
Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1]	since 03/2002	2			
higher [1] about the same [2] lower [3]	tendencies in	previous month			
about the same [2] lower [3]	Our order bac	cklog (domestic and foreign orders,	in terms of value) for XY was		
about the same [2] lower [3]					
lower [3]		higher [1]			
			ne [2]		
		lower [3]			
		6			

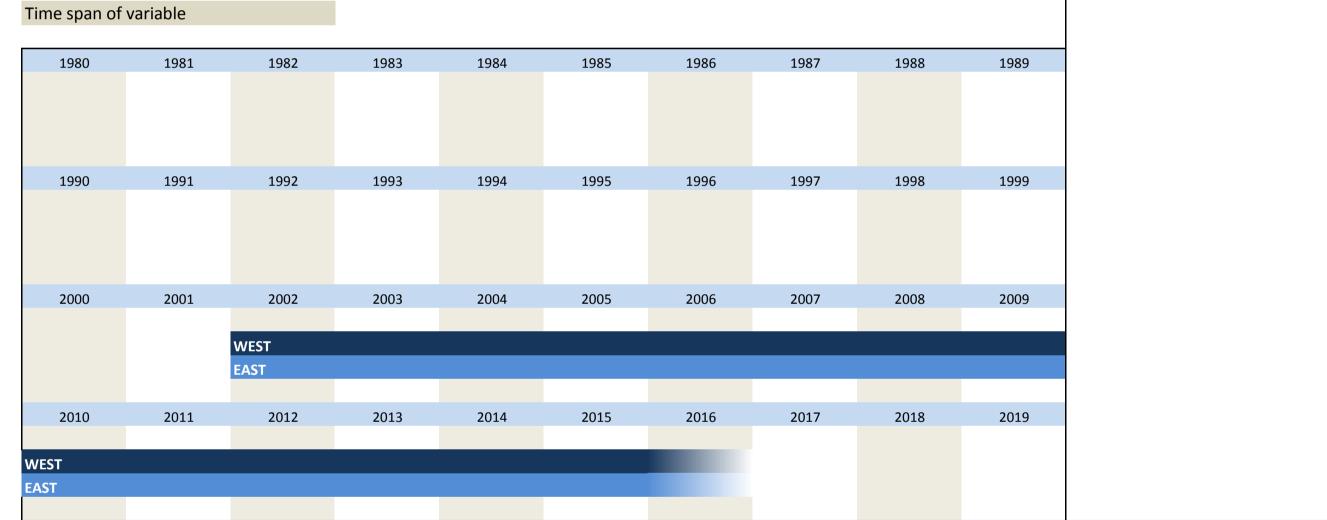
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989

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 period	Survey frequency
2.18)	vg_price_vpq	domestic prices of sale vs. previous 2-3 months	West since 01/2002	monthly survey
		-	East since 01/2002	monthly survey
Wording of o	question			
				Further information
01/2002/ to 02/	/2002			
				Domestic prices of sale previous month or
during the last 2	-3 months our (net-) domestic sale	s prices for XY were [] taking changes in conditions into account		during the last 2-3 months
			_	
		increased [1]		Due to the alignment of the survey periods
		not changed [2]		by the European Union, the question was
		decreased [3]		expressed by the variable
				2.7) pricevpm until 11/2001
since 03/2002				
tendencies in p	revious month			
-		king changes in conditions into account		
		increased [1]		
		not changed [2]		
		decreased [3]		

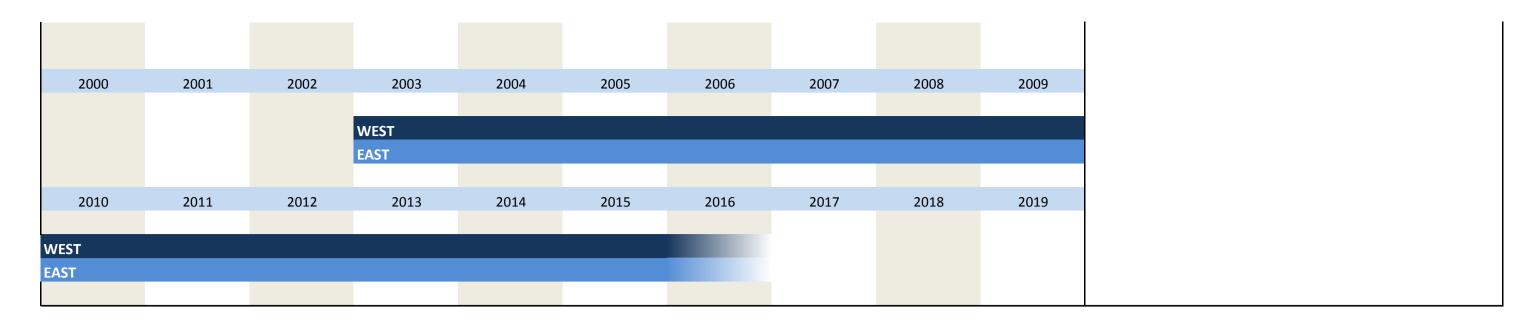


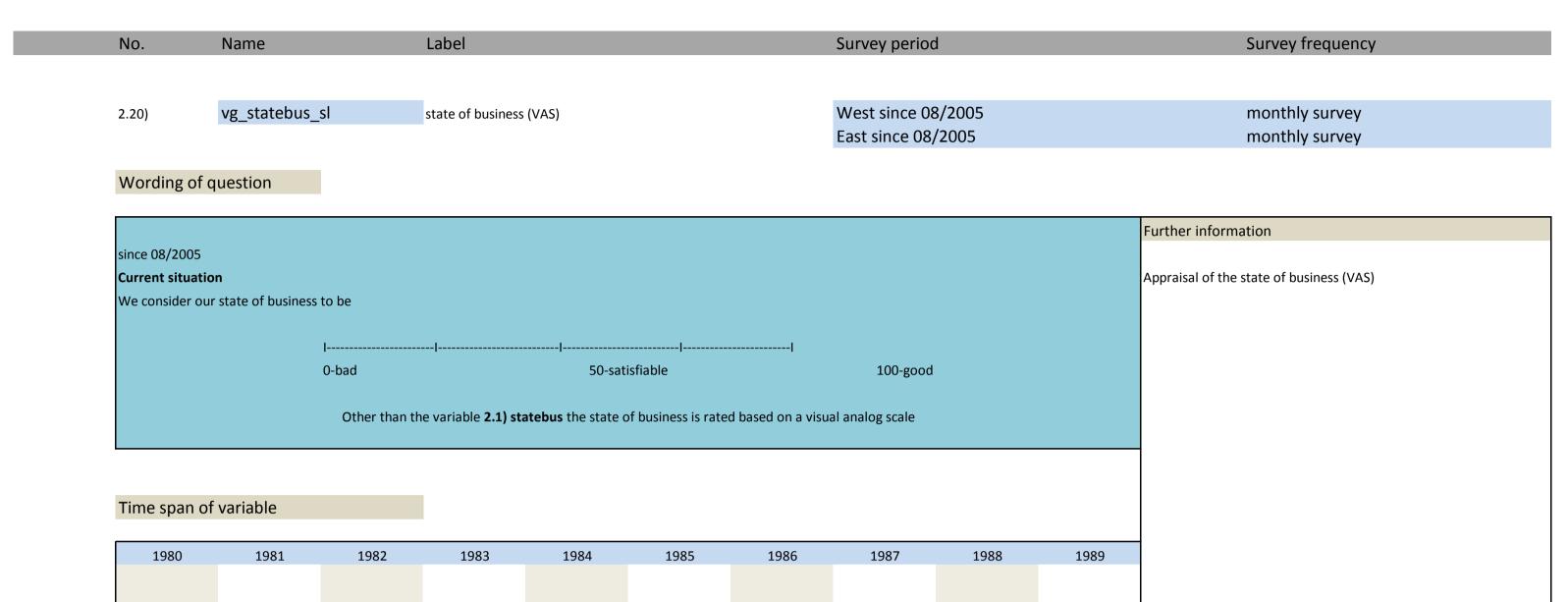
No.	Name	Label	Survey period	Survey frequency
2.19)	vg_credit	credit allocation	West 06/2003 to 08/2008	irregular
	0_		and since 11/2008	monthly survey
			East 06/2003 to 08/2008	irregular
			and since 11/2008	monthly survey
Wording	g of question			

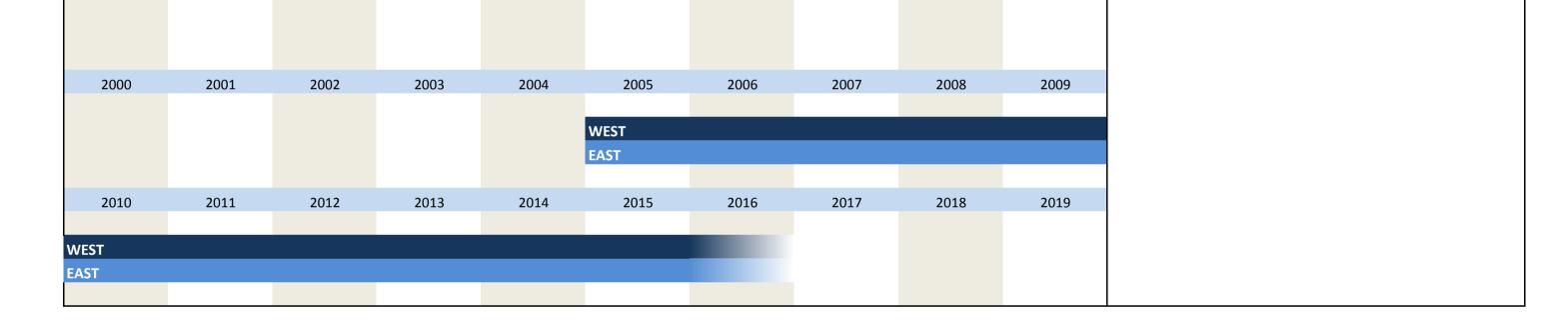
										Further information
since 07/2003										credit allocation
How do you eval	uate the current	willingness of ban	ks to grant credits	to businesses?						
					l					2003: June, August
		accomodating [1	.]			7				was a special question until 08/2008.
		normal [2]					1			see 3.48)
		reserved [3]								
Time span of	variable									
Time span of	Variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1985	1504	1985	1980	1907	1988	1989	

1990	1991	1992	1993	1994	1995	1996	1997	1998	1999









No.	Name	Label	Survey period	Survey frequency
2.21)	vg_comexp_sl	expected commercial (VAS)	West since 08/2005	monthly survey
			East since 08/2005	monthly survey

Wording of question

	Further information
since 08/2005	
Expectations for the next 6 months	Expected commercial (VAS)
In cyclical regards our state of business for XY will be	
0- be rather less favourable 50-stay about the same 100-rather more favourable	
Other than the variable <b>2.11) comexp</b> the expected 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         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										
2000         2001         2002         2003         2004         2005         2006         2007         2008         2009           WEST         EAST                 2019         2019         2019               2019   2009                          2009	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         WEST         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019										
2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         WEST         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019										
2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         WEST         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019										
2000         2001         2002         2003         2004         2005         2006         2007         2008         2009           WEST EAST										
2010       2011       2012       2013       2014       2015       2016       2017       2018       2019	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2010       2011       2012       2013       2014       2015       2016       2017       2018       2019										
2010       2011       2012       2013       2014       2015       2016       2017       2018       2019										
2010       2011       2012       2013       2014       2015       2016       2017       2018       2019										
2010         2011         2012         2013         2014         2015         2016         2017         2018         2019										
2010       2011       2012       2013       2014       2015       2016       2017       2018       2019	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Z010       Z011       Z012       Z013       Z014       Z015       Z016       Z017       Z018       Z019										
2010         2011         2012         2013         2014         2015         2016         2017         2018         2019						WEST				
						EAST				
WEST	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST										
	WEST									





No.	Name		Label				Survey perio	d		Survey frequency
3.1) Wording of (	vg_ranord question		range of orders i	n months			West 03/198 East 07/1992 East 12/1993 East and We	2 to 07/1993		Mrch, Jun, Sep, Dec Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec Jan, Apr, Jul, Oct
										Further information
07/1992 to 09/2 No questionnaiı	2001 res for the East av	ailable								range of orders in months * since 01/2002 instead of "currently" "momentarily"
03/1980 to 09/2	2001									
Currently our o	rder backlog for de	elivery of XY equa	ates to a production	on duration of						
	no backlog	up to at 1/2 1 2 3 4	bout month(s) 5 6 7 8 6 1 1 1 1	0 10 stater	for more than 10, number of months	please				
since 01/2002										
	ır order backlog fo	or delivery of XY e	equates to a produ	uction duration	of					
,	no		pout month(s)	h	for more than 10,	nlesce				
				0 10 state r	number of months	picase				
Time span o	fvariable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	_
	1301	1302	1903	1304	1303	1900	1307	1300	1303	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
VVLJI <u> </u>										
VVL31		EAST								

D	2011	2012	2013	2014	2015	2016	2017	2018	2019
	)	D 2011	D 2011 2012		D 2011 2012 2013 2014	D 2011 2012 2013 2014 2015	2011       2012       2013       2014       2015       2016	2011 2012 2013 2014 2015 2016 2017	2011 2012 2013 2014 2015 2016 2017 2018

No.	Name		Label				Survey perio	d		Survey frequency
							M	01.00/2004		
3.2)	vg_uticappc		capacity utilizati	on in %				0 to 09/2001		Mrch, Jun, Sep, Dec
							East 07/1992 East 12/1993			Mrch, Jul, Oct, Dec Mrch, Jul, Sep, Dec
Wording of	fauestion							st since 01/20	002	Jan, Apr, Jul, Oct
worung of	question							St SITCE 01/20	102	Jan, Apr, Jul, Oct
07/1992 to 09	/2001									Further information
										Capacity utilization in %
No questionna	aires for the East ava	ailable								*09/94, 09/95, 09/96, 09/97, 09/98,
										09/99, 09/00, 09/01
since 03/1980										addition "domestic plants"
Currentlv** t	ne utilization of our p	olants* to produ	ce XY ( full capaci	ity utilization nor	mal for the comp	any = 100%) is ur	to			**since 01/2002
, .				.,		,				instead of "currently" "momentarily"
					than 100%					
		30 40 50 60 7	0 75 80 85 90	95 100 in fact	:					Coding in the dataset
4										-
										Number above the ticked field
										more than 100 % = handwritten entry
Time span	of variable									more than 100 % = handwritten entry
Time span	of variable									more than 100 % = handwritten entry
Time span	of variable	1982	1983	1984	1985	1986	1987	1988	1989	more than 100 % = handwritten entry
1980		1982	1983	1984	1985	1986	1987	1988	1989	more than 100 % = handwritten entry
-		1982	1983	1984	1985	1986	1987	1988	1989	more than 100 % = handwritten entry
1980 WEST	1981									more than 100 % = handwritten entry
1980		1982 1992	1983	1984	1985	1986	1987	1988	1989	more than 100 % = handwritten entry
1980 WEST	1981									more than 100 % = handwritten entry
1980 WEST 1990	1981									more than 100 % = handwritten entry
1980 WEST 1990 WEST	1981	1992 EAST	1993	1994	1995	1996	1997	1998	1999	more than 100 % = handwritten entry
1980 WEST 1990	1981	1992								more than 100 % = handwritten entry
1980 WEST 1990 WEST 2000 WEST	1981	1992 EAST	1993	1994	1995	1996	1997	1998	1999	more than 100 % = handwritten entry
1980 WEST 1990 WEST 2000	1981	1992 EAST	1993	1994	1995	1996	1997	1998	1999	more than 100 % = handwritten entry
1980 WEST 1990 WEST 2000 WEST EAST	1981 1991 1991 2001	1992 EAST 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998	1999 2009	more than 100 % = handwritten entry
1980 WEST 1990 WEST 2000 WEST	1981	1992 EAST	1993	1994	1995	1996	1997	1998	1999	more than 100 % = handwritten entry
1980 WEST 1990 WEST 2000 WEST EAST	1981 1991 1991 2001	1992 EAST 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998	1999 2009	more than 100 % = handwritten entry

No Name Label Survey period Survey frequency

No.	Name	Label	Survey period	Survey frequency
3.3)	vg_uticapap	capacity utilization (appraisal)	West 03/1980 to 09/2001	Mrch, Jun, Sep, Dec
			East 07/1992 to 07/1993	Mrch, Jul, Oct, Dec
			East 12/1993 to 09/2001	Mrch, Jul, Sep, Dec
Wording	of question		East and West since 01/2002	Jan, Apr, Jul, Oct
				Further information
07/1992 to	09/2001			Appraisal of the technical capacity
No questio	nnaires for the East available			
				*09/94, 09/95, 09/96, 09/97, 09/98
				09/99, 09/00, 09/01

since 03/1980									
	int our current (	order backlog and	the and the new	orders we evoe	rt for the nevt 12	months			
our technical cap			i the and the new	orders we expec		months			
			more than suffic sufficient [2] not sufficient [3]						
Гime 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
WEST									
EAST									

No.	Name	Label	Survey period	Survey frequency
3.4)	vg_constrain	constraints to production	West since 01/1980	Jan, Apr, Jul, Oct
			East 01/1991 to 12/2000	monthly survey
Wording	of question		East since 01/2001	Jan, Apr, Jul, Oct
				Further information
01/1991 to	10/2001			
No questior	nnaires for the East available			Constraints to production
01/1980 to	10/2001			
Our domest	tic production of XY is currently	constrained		

Our domestic pr	oduction is curre	ently constrained											
		yes [1]		no [2]									
(													
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				
WECT													
WEST EAST													
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019				
2010	2011	2012	2015	2014	2015	2010	2017	2018	2015				
WEST EAST													

No.	Name	Label	Survey period	Survey frequency
3.5)	vg_ordlack	lack of orders	West since 01/1980	Jan, Apr, Jul, Oct
			East von 01/1991 to 12/2000	monthly survey
Wording of qu	uestion		East since 01/2001	Jan, Apr, Juli, Oct
01/1001 + 10/20	001			Further information
01/1991 to 10/20	101			Lack of orders
No questionnaire	s for the East available			
				*East 01/1991 to 12/2000
01/1000 += 10/20	001			instead of "insufficient orders"
01/1980 to 10/20	101			"sales difficulties"
Our domestic pro	oduction of XY is currently const	rained.		
	If yes, by following factors:			
		insufficient orders* [1]		
since 01/2002				
Our domostic pro	duction is currently constrained	1		
	oduction is currently constrained	1.		

	i	insufficient orde	rs* [1]		]			
variable								
1981	1982	1983	1984	1985	1986	1987	1988	1989
1991	1992	1993	1994	1995	1996	1997	1998	1999
	variable 1981	variable 1981 1982	variable 1981 1982 1983	variable 1981 1982 1983 1984	variable         1981       1982       1983       1984       1985         Insufficient orders*       Insufficient orders       Insufficient orders       Insufficient orders         Insufficient orders       Insufficient orders       Insufficient orders       Insufficient orders	insufficient orders* [1]         variable         1981       1982       1983       1984       1985       1986         Insufficient orders*       Insufficie	insufficient orders* [1]         variable         1981       1982       1983       1984       1985       1986       1987         Image: Imag	variable       1981       1982       1983       1984       1985       1986       1987       1988         Image:

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 period	Survey frequency
3.6)	vg_mplack	lack of manpower	West 01/1980 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
14/01	ding of quastion			

Wording of question

	Further information
01/1991 to 10/2001	
No questionnaires for the East available	Lack of manpower
01/1980 to 10/1995	
Our domestic production of XY is currently constrained.	
If yes, by following factors:	
lack of manpower [1]	
01/1996 to 10/2001	
01/1990 10 10/2001	
Our domestic production of XY is currently constrained.	
If yes, by following factors:	
lack of qualified manpower [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	EAST								
	LAST								
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	Survey frequency
3.7)	vg_matlack	lack of material	West since 01/1980	Jan, Apr, Jul, Oct
			East since 01/2001	Jan, Apr, Jul, Oct

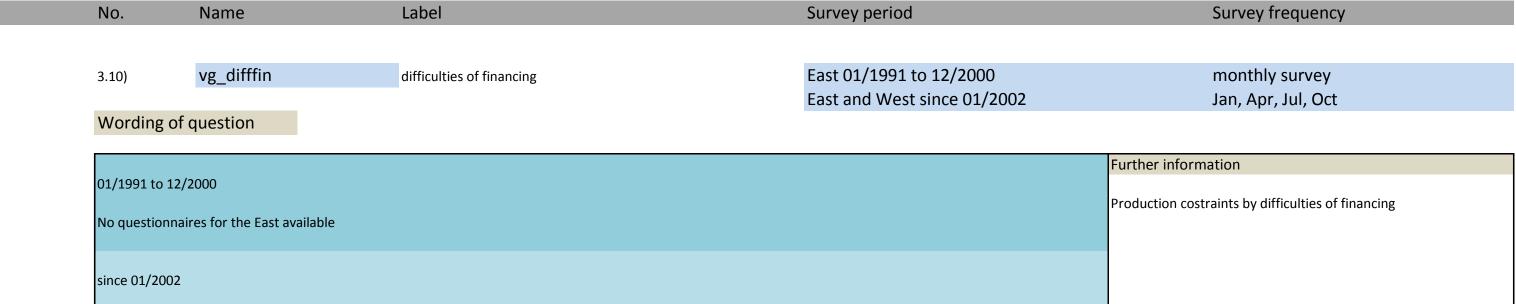
Wording of question

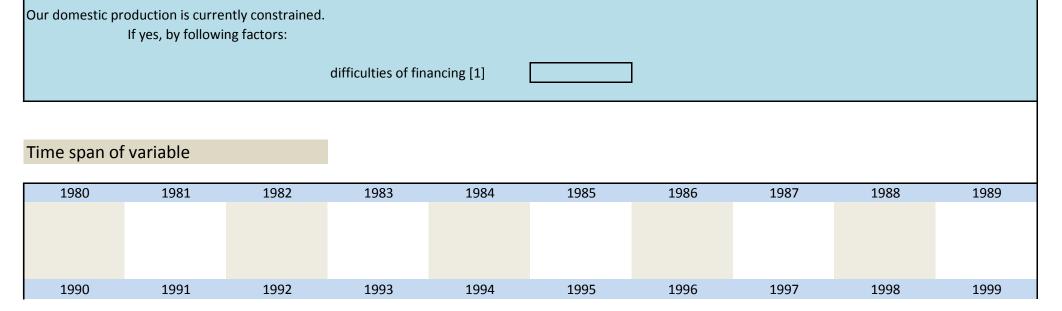
01/2001 to 10/2001 No questionnaires for the East available
$01/(1080 \pm 10/(2001))$
01/1980 to 10/2001
Our domestic production of XY is currently constrained.
If yes, by following factors:
lack of raw materials or pre-materials [1]
since 01/2002
Our domestic production is currently constrained.
If yes, by following factors:
lack of raw materials or
pre-materials [1]
Time span of variable
1980         1981         1982         1983         1984         1985         1986         1987         1988         1989
WEST
<u>1990</u> <u>1991</u> <u>1992</u> <u>1993</u> <u>1994</u> <u>1995</u> <u>1996</u> <u>1997</u> <u>1998</u> <u>1999</u>
W/FST

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									

No.	Name		Label				Survey perio	d		Survey frequency
3.8)	vg_techcap		technical capaci	tv			West since 0	1/1980		Jan, Apr, Jul, Oct
5.8)	vg_teencap			ty			East 01/1991			monthly survey
Wording o	of question						East since 01			Jan, Apr, Jul, Oct
								,		
01/1991 to 10	0/2001									Further information
No questionn	aires for the East ava	ailable								technical capacity
·										*East 01/1991 to 12/2000
01/1980 to 10	0/2001									instead of "insufficient technical capacity" "insufficient technical endowment"
Our domestic	c production of XY is	currently constra	ained							
Our domestic	If yes, by followir		anieu.							
			····				1			
			insufficient tech	inical capacity* [1]	]		J			
since 01/2002	2									
		ntly constrained.								
	c production is curre If yes, by followir									
	c production is curre	ng factors:		inical canacity [1]			1			
	c production is curre	ng factors:		nical capacity [1]			]			
	c production is curre	ng factors:		inical capacity [1]			]			
Our domestic	c production is curren If yes, by followir	ng factors:		inical capacity [1]			]			
Our domestic	of variable	ng factors:	insufficient tech				]			
Our domestic	c production is curren If yes, by followir	ng factors:		inical capacity [1]	1985	1986	1987	1988	1989	
Our domestic	of variable	ng factors:	insufficient tech		1985	1986	1987	1988	1989	
Our domestic	of variable	ng factors:	insufficient tech		1985	1986	1987	1988	1989	
Our domestic	of variable	ng factors: 1982	insufficient tech	1984						
Our domestic	of variable	ng factors:	insufficient tech		1985	1986	1987	1988	1989	
Our domestic	of variable	ng factors: 1982	insufficient tech	1984						
Our domestic Time span 1980 WEST 1990	of variable	ng factors: 1982	insufficient tech	1984						
Our domestic Time span 1980 WEST 1990	of variable	ng factors: 1982	insufficient tech	1984						
Our domestic Time span 1980 WEST WEST WEST	c production is curren If yes, by followin of variable 1981 1981 1991 EAST	ng factors: 1982 1992	insufficient tech	1984	1995	1996	1997	1998	1999	
Our domestic Time span 1980 WEST 1990 WEST 2000 WEST	c production is curren If yes, by followin of variable 1981 1981 1991 EAST	ng factors: 1982 1992	insufficient tech	1984	1995	1996	1997	1998	1999	
Our domestic Time span 1980 WEST 1990 WEST	c production is curren If yes, by followin of variable 1981 1981 1991 EAST	ng factors: 1982 1992	insufficient tech	1984	1995	1996	1997	1998	1999	
Our domestic Time span 1980 WEST 1990 WEST 2000 WEST	c production is curren If yes, by followin of variable 1981 1981 1991 EAST	ng factors: 1982 1992	insufficient tech	1984	1995	1996	1997	1998	1999	
Our domestic Time span 1980 WEST 1990 WEST 2000 WEST EAST	c production is curren If yes, by followin 0 Variable 1981 1981 1991 6 EAST 2001 6 2001	ng factors: 1982 1992 2002	insufficient tech 1983 1993	1984 1994 1994 2004	1995 2005	1996	1997 2007	1998 2008	1999 2009	

No.	Name		Label				Survey perio	d		Survey frequency
3.9)	vg_bastlack		lack of back staff				West 10/198	5 to 10/1995		Jan, Apr, Jul, Oct
Wording of c	question									
10/1085 to 12/1	1005									Further information
10/1985 to 12/1										Lack of back staff
	roduction of XY is If yes, by followii		ained.							
		lack of manpow	er back staff [1]		]					
Time span of	fvariable									
inne span oi	I Valiable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983			1986	1987	1988	1989	
		1982	1983		1985 WEST	1986	1987	1988	1989	
1980	1981				WEST					
1980 1990		1982 1992	1983 1993			1986 1996	1987 1997	1988 1998	1989 1999	
1980 1990	1981				WEST					
1980 1990 WEST	1981 1991	1992	1993	1994	WEST 1995	1996	1997	1998	1999	
1980 1990	1981				WEST					
1980 1990 WEST	1981 1991	1992	1993	1994	WEST 1995	1996	1997	1998	1999	
1980 1990 WEST	1981 1991	1992	1993	1994	WEST 1995	1996	1997	1998	1999	
1980 1990 WEST	1981 1991	1992	1993	1994	WEST 1995	1996	1997	1998	1999	
1980 1990 WEST 2000	1981 1991 2001	1992	1993 2003	1994 2004	WEST 1995 2005	1996	1997 2007	1998 2008	1999 2009	





	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)	vg_weather	weather conditions	East 02/1994 to 06/2000*	monthly survey
Wording of o	question			

	/2000									Further information
There are no q	uestionnaires for t	he East available	e. The following w	ording is taken fr	rom previous lists	of variables				Production constraints by weather conditions
										*since 01/1999 sind kein Werte mehr in dem Datensatz enthalten
02/1994 to 06/										
Our domestic p	production of XY is If yes, by followi		rained.							
			unfavourable we	eather condition	s [1]		]			
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	
				EAST						
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002		2001	2000	2000	2007	2000		
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
	•						<b>.</b> .			
No.	Name		Label							
							Survey perio	u .		Survey frequency
3.12)	vg_skelllack		lack of skilled en	nployees			West 01/199	91 to 10/1995		Jan, Apr, Jul, Oct
			-	nployees				91 to 10/1995		
3.12) Wording of			-	nployees			West 01/199	91 to 10/1995		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct
	question		-	nployees			West 01/199	91 to 10/1995		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information
Wording of since 01/2002	question	currently constr	lack of skilled en	nployees			West 01/199	91 to 10/1995		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002	question	currently constr	lack of skilled en			1	West 01/199	91 to 10/1995		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information
Wording of since 01/2002	question	currently constr	lack of skilled en			]	West 01/199	91 to 10/1995		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p	question production of XY is If yes, by followi	currently constr	lack of skilled en			]	West 01/199	91 to 10/1995		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p	question production of XY is If yes, by followi	currently constr ing factors:	lack of skilled en	mployees [1]		]	West 01/199 East and We	91 to 10/1995 st since 01/20	002	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p	question production of XY is If yes, by followi	currently constr	lack of skilled en		1985	1986	West 01/199	91 to 10/1995		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p	question production of XY is If yes, by followi	currently constr ing factors:	lack of skilled en	mployees [1]	1985	]	West 01/199 East and We	91 to 10/1995 st since 01/20	002	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p	question production of XY is If yes, by followi	currently constr ing factors:	lack of skilled en	mployees [1]	1985	1986	West 01/199 East and We	91 to 10/1995 st since 01/20	002	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p Time span o 1980	question production of XY is If yes, by followi of variable 1981	currently constr ing factors: 1982	lack of skilled en	mployees [1] 1984			West 01/199 East and We	91 to 10/1995 st since 01/20	1989	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p Time span o 1980	question production of XY is If yes, by followi of variable 1981 1991 WEST	currently constraing factors:	lack of skilled en	mployees [1] 1984 1994	1995	1996	West 01/199 East and We	91 to 10/1995 st since 01/20 1988 1998	002	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p Time span o 1980	question   production of XY is   If yes, by following   of variable   1981   1991   WEST   2001	currently constr ing factors: 1982 1992 2002	lack of skilled en	mployees [1] 1984			West 01/199 East and We	91 to 10/1995 st since 01/20	1989	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p Time span o 1980	question   production of XY is   If yes, by following   of variable   1981   1991   WEST   2001	currently constraing factors:	lack of skilled en	mployees [1] 1984 1994	1995	1996	West 01/199 East and We	91 to 10/1995 st since 01/20 1988 1998	002	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p 1980 1990 2000	iguestion  production of XY is If yes, by followi  of variable  1981  1991  WEST  2001	Currently constr ing factors: 1982 1982 1992 2002 WEST EAST	lack of skilled en	mployees [1]	1995	1996 2006	West 01/199 East and We	91 to 10/1995 st since 01/20 1988 1988 2008	2009	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of since 01/2002 Our domestic p Time span o 1980	question   production of XY is   If yes, by following   of variable   1981   1991   WEST   2001	currently constr ing factors: 1982 1992 2002 WEST	lack of skilled en	mployees [1] 1984 1994	1995	1996	West 01/199 East and We	91 to 10/1995 st since 01/20 1988 1998	002	Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct Further information Lack of skilled employees

No.	Name	Label	Survey period	Survey frequency
3.13)	vg_othrea	other reasons	West since 01/1996 East 01/1991 to 12/2000	Jan, Apr, Jul, Oct monthly survey
Wording	of question		East since 01/2001	Jan, Apr, Jul, Oct
				Further information

01/1991 to 10/2001	other factors/ other reasons
No questionnaires for the East available	
01/1996 to 10/2001	
Our domestic production of XY is currently constrained If yes, by following factors:	
other factors [1]	
since 01/2002	



			other factors [1]			]			
ime span o <sup>.</sup>	t variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
						WEST			
	EAST								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
/EST									
AST									
204.2	2011	2012	0010	2611	2015	2010	2017	2010	2010
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
/EST									
AST									

No.	Name	Label	Survey period	Survey frequency
3.14)	vg_proexpen	product too expensive	East 01/1991 to 12/2000	monthly survey
Wording of o	question			
				Further information
01/1991 to 12/2	2000			Products too expensive
No questionnair	res for the East available. The follo	owing wording is taken from previous lists of variables		
01/1991 to 12/2	2000			
Our domestic p	roduction of XY is currently constr If yes, by following factors: sales			
		Products are too expensive [1]		

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
AST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019

No.	Name	Label	Survey period	Survey frequency
3.15)	vg_proqual	quality of products	East 01/1991 to 12/2000	monthly survey
Wording of a	question			

1/1991 to 12/2	2000									Further information
	lestionnaires for t	he East available.	The following wo	ording is taken fr	om previous lists	of variables				Quality of product
1/1001 to 12/2	2000									
1/1991 to 12/2										
ur domestic pr	roduction of XY is If yes, by followii									
			quality of production insufficient [1]	t						
me span of	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	1993	1994	1995	1996	1997	1998	1999	
	1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999	
		1992	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
	EAST									
2000	EAST									
2000	EAST									
2000 AST	EAST 2001	2002	2003	2004	2005	2006	2007	2008	2009	

No.	Name	Label	Survey period	Survey frequency

3.16) vg_propro program of products	East 01/1991 to 12/2000
-------------------------------------	-------------------------

monthly survey

Wording of question

01/1991 to 12/	2000									Further information
here are no qu	uestionnaires for t	he East available.	The following wo	ording is taken fro	om previous lists	of variables				Program of products
1/1991 to 12/2	2000									
ur domestic p	production of XY is If yes, by followi	currently constraing factors: sales o								
			program of prod insufficient [1]	ucts		]				
ime span o	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
1380	1901	1302	1303	1304	1365	1980	1367	1300	1303	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
AST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name	Label	Survey period	Survey frequency
3.17)	vg_ovtime	overtime	West since 01/1980 to 10/2001	Jan, Apr, Jul, Oct
			East and West since 03/2002	Mrch, Jun, Sep, Dec
Wording o	f question			

04/4050										Further information
nce 01/1980										Overtime
Ve currently wo	ork with overtime	2								
		yes [1]		no [2]						
		_								
ime span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
VECT										
VEST										
1000	1001	1002	1002	1004	1005	1000	1007	1000	1000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
VEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
VEST										
		EAST								
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
VEST AST										

No.	Name		Label				Survey perio	d		Survey frequency
3.18)	vg_ovtimem	າວ	overtime more	than customary			West since 0	1/1980 to 10	/2001	Jan, Apr, Jul, Oct
·	0_						East and We			Mrch, Jun, Sep, Dec
Wording of	question									
										Further information
since 01/1980										
		_								Overtime more than customary
we currently v	vork with overtim If yes, more tha									
	,,	_		-						
		yes [1]		no [2]						
										-
Time span o	of variable									
1090	1001	1000	1092	1094	1005	1096	1007	1000	1020	-
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										

No.	Name		Label				Survey perio	bd		Survey frequency
3.19)	vg_stwork		short-time work	K				80 to 10/2001		Jan, Apr, Jul, Oct
								1 to 12/2000		monthly survey
							East 01/2001			Jan, Apr, Jul, Oct
Wording o	of question						East and We	est since 01/20	02	Mrch, Jun, Sep, Dec
										Further information
01/1991 to 1	.0/2001									Short-time work
No question	naires for the East av	ailable								
since 01/198	30									
We currently	y have short-time wo	rk								
		yes [1]		no [2]						
		J Y C S [ 1 ]								
		] <b>1</b> 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2								
	n of variable				1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980	n of variable				1985	1986	1987	1988	1989	
1980	n of variable				1985	1986	1987	1988	1989	
1980	n of variable				1985	1986	1987	1988	1989	
1980 WEST 1990	n of variable 1981	1982	1983	1984						
1980 WEST 1990	n of variable 1981 1991	1982	1983	1984						
1980 WEST 1990	n of variable 1981	1982	1983	1984						
1980 WEST 1990	n of variable 1981 1991 1991 EAST	1982	1983	1984	1995	1996	1997	1998		
1980 WEST 1990 WEST 2000	n of variable 1981 1991	1982	1983	1984					1999	
1980 WEST 1990 WEST 2000 WEST	n of variable 1981 1991 1991 EAST	1982	1983	1984	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST	n of variable 1981 1991 1991 EAST	1982	1983	1984	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST EAST	a of variable 1981 1981 1991 EAST 2001	1982 1992 2002	1983 1993 2003		1995 2005	1996	1997 2007	1998	1999 2009	
1980 WEST 1990 WEST 2000 WEST	n of variable 1981 1991 1991 EAST	1982	1983	1984	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST EAST	a of variable 1981 1981 1991 EAST 2001	1982 1992 2002	1983 1993 2003		1995 2005	1996	1997 2007	1998	1999 2009	

No.	Name	Label	Survey period	Survey frequency
3.20)	vg_stworkexp	expected short-time work	West 01/1980 to 10/2001	Jan, Apr, Jul, Oct
			East 01/1991 to 12/2000	monthly survey

3.20) Wording of (	vg_stworkex	p	expected short-t	ime work			East 01/1991 East 01/2001			Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct Mrch, Jun, Sep, Dec
01/1991 to 10/2	2001									Further information
No questionnai	res for the East av	vailable								Expected short-time work
01/1980 to 10/2	2001									
During the next	3 months we will	ll expectedly work	short-time							
		yes [1]		no [2]						
since 03/2002										
During the next	3 months we will	l expectedly work								
		yes [1]		no [2]						
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	

No.	Name	Label	Survey period	Survey frequency
3.21)	vg_emplexp	expected employees	West 01/1980 to 04/1997	Jan, Apr, Jul, Oct*
			and since 07/1997	monthly survey
	<b>(</b>		East since 01/1991	monthly survey
Wording of	r question			
				Further information
01/1980 to 04	4/1997			Expected development of the number of total employees

2017

2018

2019

#### Employees (domestic companies only)

2011

2012

2013

2014

2015

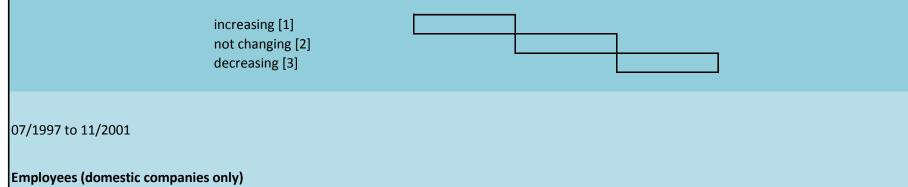
WEST EAST

WEST EAST

2010

During the next 3 months the number of employees assigned to the production of XY will be ... in cyclical regards - therefor by eliminating purely seasonal fluctuations

During the next 3 months the number of employees assigned to the production of XY will be



\*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)

Standard question since 07/1997. see 2.14)



		increasing [1] not changing [2] decreasing [3]							
ince 01/2002									
mployees (doi	or the next 3 mo mestic companie employees assig		on of XY will be						
		increasing [1] not changing [2] decreasing [3]							
ime span o	f variable								
1980 VEST	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
VEST	EAST								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
VEST AST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019

No.	Name	Label	Survey period	Survey frequency
3.22)	vg_empl	employees 12 month	West 10/1980 to 10/1993	annual survey *
Wording of	question			

|--|--|

/1980 to 10/19	993									Further information
ployees cyclical regard	s - therefor bv	eliminating purely sea	asonal flutuatio	ons - the number	of employees as	signed to the pro	duction of XY will	be		Employees expectations
ring the next		increasing [1]		3 months*			12 months			*The expected occupation during the next 3 months is recorded by the variable "emplexp". see 3.13) 10/1990 to 10/1993
		not changing [2] decreasing [3]								<ul><li>**additionally "from month under report on"</li><li>* annual survey in October</li></ul>
ne span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
ST										
1000	1001	1002	1002	1004	1005	1000	1007	1008	1000	
1990 CT	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ST										
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)	vg_prof	profit situation	West since 06/2002*	May, Sep
			East since 06/2002*	May, Sep
Wording	of question			
				Further information
since 06/200	)2			
Profit situat	ion and development			Current profit situation
[]				*in 2002: June and September
We currently	y consider the profit situati	ion of our company - measured by the operating	g results from customary business operations - to be	
				The question was fed into an own dataset for the East 12/1995 to 11/2001
	good	1 [1]		
	satis	fying [2]		
	bad [	[3]		

							fvariable	Fime span of
988 1989	1988	1986	1985	1984	1983	1982	1981	1980
998 1999	1998	1996	1995	1994	1993	1992	1991	1990
008 2009	2008	2006	2005	2004	2003	2002	2001	2000

Seite 34

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

No.	Name	Label	Survey period	Survey frequency
3.24)	vg_profch	change of profit situation	West since 06/2002*	May, Sep
	<b>c</b>		East since 06/2002*	May, Sep

Wording of question

ince 06/2002										Further information
rofit situation a .]	and developme fall 20## the pr	<b>nt</b> ofit situation of our	company - mea	sured by the ope	rating results fron	n customary bus	iness operations	-		Change of profit situation compared to previous quarter
		improved [1] [ did not change [2 deteriorated [3]								*in 2002: June and September In May the wording of the question is: "As compared to fall 20##" It is inquired after previous fall
me span of	variable									e.g. May 2003: "As compared to fall 2002" In september the wording of the question is:
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	<ul> <li>"As compared to the 1st quarter of 20##"</li> <li>it is inquired after the first quarter of the current year</li> <li>e.g. September 2004:</li> <li>"As compared to the 1st quarter of 2004"</li> </ul>
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 WEST EAST	2003	2004	2005	2006	2007	2008	2009	
2010 /EST	2011	2012	2013	2014	2015	2016	2017	2018	2019	

\ST			

	Name		Label				Survey perio	d		Survey frequency
3.25)	vg_hcount		headcount				West 03/200	2 - 12/2015		Mrch, Jun, Sep, Dec
		_					East 09/1994	l - 12/2015*		Mrch, Jun, Sep, Dec
Wording of a	question									
09/1994 to 12/2	2001									Further information
		ailabla								Development of the headcount
NO questionnai	res for the East av	andbie								* no inquiry in Dec 2001 but in Nov 2001
since 03/2002										
We consider ou	ur head count with	n respect to the e	xpected sales dev	velopment of XY o	during the next 12	2 months to be				
			.,			1				
		relatively high [1 (e.g. reduction of sta				J				
		le.g. reduction of sta	an neccessary)							
		sufficient [2]				]				
						1				
		too low [3]								
		too low [3] (e.g. additional staff	neccessary)			J				
			neccessary)			]				
			neccessary)							
Time span of	f variable		neccessary)			]				
Time span of		(e.g. additional staff		1094	1085	1096	1097	1022	1020	
Time span of 1980	f variable		<sup>E</sup> neccessary) 1983	1984	1985	1986	1987	1988	1989	
		(e.g. additional staff		1984	1985	1986	1987	1988	1989	
		(e.g. additional staff		1984	1985	1986	1987	1988	1989	
1980	1981	(e.g. additional staff	1983							
		(e.g. additional staff		1984	1985	1986	1987 1997	1988	1989	
1980	1981	(e.g. additional staff	1983	1994						
1980	1981	(e.g. additional staff	1983							
1980 1990	1981	(e.g. additional staff	1983	1994 EAST	1995	1996	1997	1998	1999	
1980	1981	(e.g. additional staff	1983	1994						
1980 1990 2000	1981	(e.g. additional staff	1983	1994 EAST	1995	1996	1997	1998	1999	
1980 1990	1981	(e.g. additional staff 1982 1982 1992	1983	1994 EAST	1995	1996	1997	1998	1999	
1980 1990 2000 EAST	1981 1991 2001	(e.g. additional staff 1982 1992 2002 WEST	1983 1993 2003	1994 EAST 2004	1995 2005	1996	1997 2007	1998 2008	1999 2009	
1980 1990 2000	1981	(e.g. additional staff 1982 1982 1992	1983	1994 EAST	1995	1996	1997	1998	1999	
1980 1990 2000 EAST	1981 1991 2001	(e.g. additional staff 1982 1992 2002 WEST	1983 1993 2003	1994 EAST 2004	1995 2005	1996	1997 2007	1998 2008	1999 2009	

No.	Name	Label	Survey period	Survey frequency
3.26)	vg_fest	feedstock	West 02/1980 to 05/1994	Feb, May, Aug, Nov

#### Wording of question

	Further information
since 02/1980	
	feedstock
Feedstock Our stock of the most important raw materials and pre-materials to produce XY is currently	
relatively high [1]	Not inquired in November 1981
normal [2]	
relatively low [3]	
stock-keeping not usual [4]	



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 perio	d		Survey frequency
3.27)	vg_proenl		enlargement of	production			West 08/198	31 to 02/1993		Feb, May, Aug, Nov
Wording of	auestion									
worung or	question									
since 08/1981										Further information
										enlargement of production
Feedstock	e most important r	raw materials and	d nre-materials to	nroduce XY is cu	irrently					
[]					, in circly					*"currently" since 02/1988
if relatively hig	h:									
We currently h	ave a high stock be	ecause of								
			enlargement of	production [1]		1				
			<b>.</b>							
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1900		1902	1905	1504	1903	1980	1907	1500	1505	
	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	2012	2014	2015	2016	2017	2019	2010	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name		Label				Survey perio	d		Survey frequency
3.28)	vg_priceinc		increase in price				West 08/198	31 to 02/1993		Feb, May, Aug, Nov
Wording o	fauestion									
since 08/1981	L									Further information
										Increase in price
Feedstock Our stock of t	he most important	raw materials an	d pre-materials to	o produce XY is cu	urrently					
[] if relatively h	igh:									*"currently" since 02/1988
										Not inquired in November 1981
We currently	have a high stock be	ecause of								
			expected increa	se in price [1]		]				
										-
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

No.	Name	Label	Survey period	Survey frequency
3.29)	vg_fincolow	low costs of financing	West 05/1982 to 02/1993	Feb, May, Aug, Nov
Mording	of question			
wording	of question			
				Further information
since 05/198	82			low costs of financing
Feedstock				



[] if relatively hi	igh:									*"currently" since 02/1988
We currently	have a high stock be	ecause of								
			relatively low co	sts of financing [	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	2004	2002	2002	2004	2005	2006	2007	2000	2000	
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
							Mart 00 /100	24 + - 02 / 4002		
3.30)	vg_diffsup1		difficulties of su	oply			West 08/198	31 to 02/1993		Feb, May, Aug, Nov
Wording of	fquestion									
since 08/1981										Further information
										difficulties of supply
	he most important r	raw materials	and pre-materials to	o produce XY is ci	urrently					
[] if relatively hi	igh:									*"currently" since 02/1988
										Not inquired in November 1981

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

difficulties of supply [1]

1990

WEST

1991 **1992** 1993

1994

1995

No.	Name	Label				Survey peric	d		Survey frequency
3.31)	vg_weaken	weakening				West 08/198	31 to 02/1993		Feb, May, Aug, Nov
Wording of	of question								
									Further information
since 08/198	1								weakening
Feedstock Our stock of	the most important r	aw materials and pre-materi	als to produce XY is c	urrently					*"currently" since 02/1988
[] if relatively h	nigh:								Not inquired in November 1981
We currently	v have a high stock be	cause of							
,			ck increased due to a	_					
			g (in demand) [1]	4		]			
Time span	of variable								
1980	1981	1982 1983	1984	1985	1986	1987	1988	1989	
	WEST								

1996

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	2013	2010	2017	2018	2019

1997 1998

1999

No	Nama	Label	Currentiad	Cum con fragmanana
INO.	Name	Label	Survey period	Survey frequency

3.32)	vg_prored		reduction of pro	duction			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Wording of a										
										Further information
since 08/1981										
Feedstock										Reduction of production
[]		raw materials an	nd pre-materials to	o produce XY is cu	urrently					*"currently" since 02/1988
if relatively low:	:									Not inquired in November 1981
We currently ha	ve a low stock on	purpose becaus	se of							
			reduction in pro	duction [1]						
										-
Time span of	fvariabla									
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	2002	2004	2005	2000	2007	2009	2000	
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	

	No.	Name	Label	Survey period	Survey frequency
	3.33)	vg_pricedec	price decrease	West 08/1981 to 02/1993	Feb, May, Aug, Nov
	Mording of	nu oction			
	Wording of o	question			
ſ				Further i	nformation

e 08/1981										price decrease
dstock										
stock of th	e most important r	raw materials and	d pre-materials to	produce XY is c	urrently					*"currently" since 02/1988
latively lov	N:									Not inquired in November 1981
currently h	ave a low stock on	purpose because	e of							
			expected price d	ecline [1]						
ne span d	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1000	1001	1000	1000	4004	1005	1000		4000	1000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
ST										
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
3.34)	vg_fincohi	high costs of financing	West 05/1982 to 02/1993	Feb, May, Aug, Nov
Wording of	question			

	Further information
since 05/1982	
	high costs of financing
	*"currently" since 02/1988
[]	
if relatively low:	
We currently have a low stock on purpose because of	
upusual bigb	
Time span of variable	
F () [ i	since 05/1982 Feedstock Dur stock of the most important raw materials and pre-materials to produce XY is currently ]

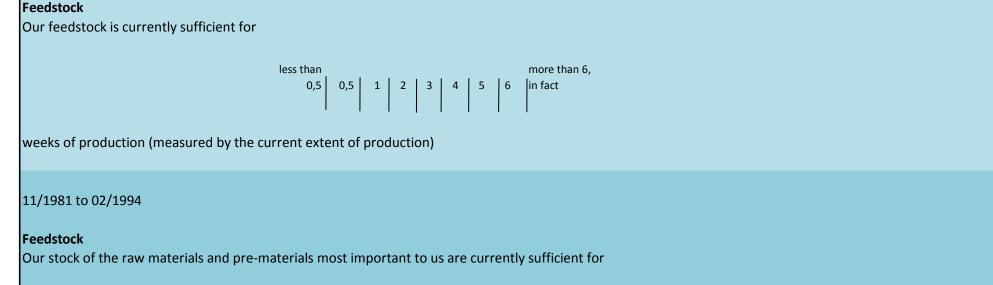
		WEST							
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
WEST									
	2224								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2012	2014	2015	2016	2017	2019	2019
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019

No.	Name		Label				Survey period	d		Survey frequency
3.35)	vg_diffsup2		difficulties of sup	oply			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Wording of	of question									
										Further information
since 08/198	1									Difficulties of supply
Feedstock										
Our stock of []	the most important r	aw materials and	d pre-materials to	produce XY is cu	urrently					Not inquired in November 1981
if relatively l	ow:									
The feedstoc	k became scarce due	to								
			difficulties of sup	pply [1]		]				
			•			<u>_</u>				
Time span	n of variable									
Time span	1981	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
	1981	1982 1992	1983	1984	1985	1986	1987 1997	1988	1989	
1980	1981 WEST									
1980 1990	1981 WEST									
1980 1990	1981 WEST									
1980 1990 WEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 WEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 WEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 WEST 2000	1981 WEST 1991 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

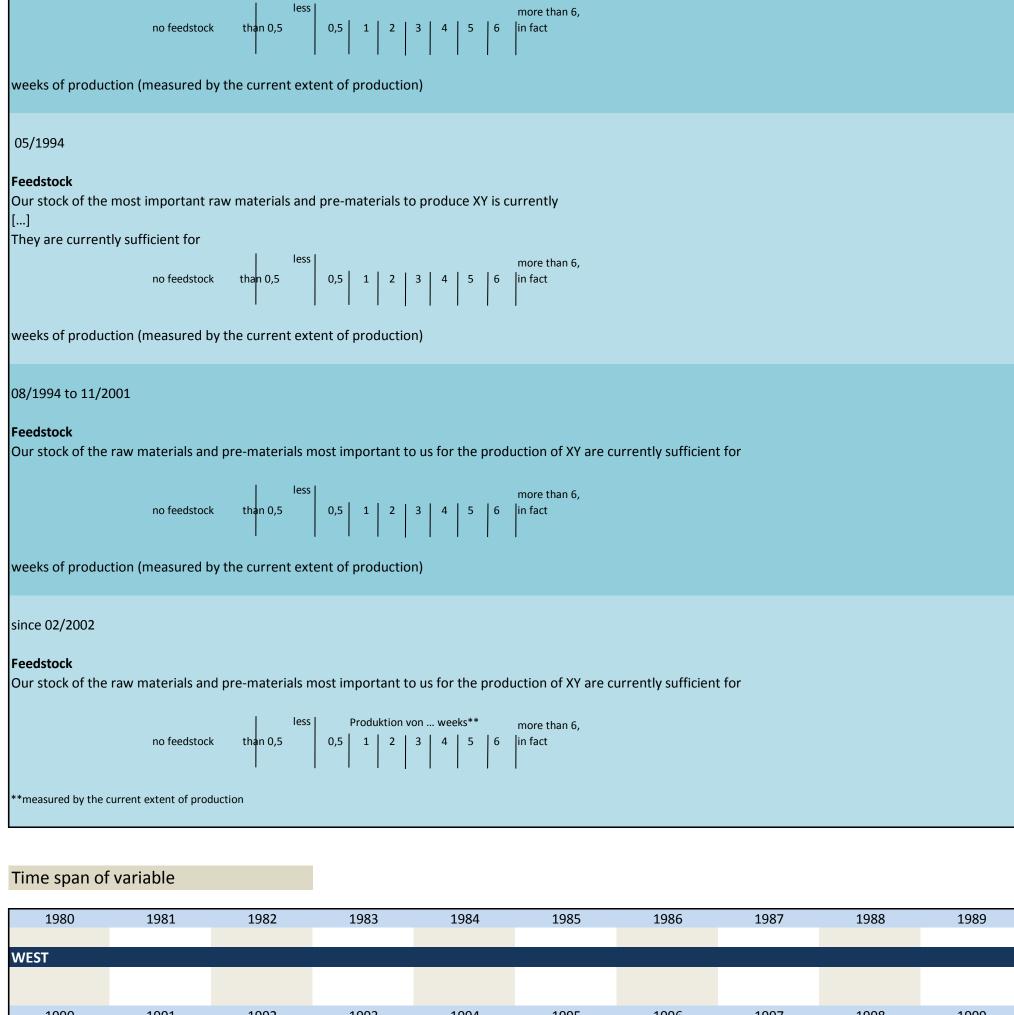
No.	Name	Label	Survey period	Survey frequency
INU.	Name	Label	Survey period	Survey nequency
3.36)	vg_strength	strengthening	West 08/1981 to 02/1993	Feb, May, Aug, Nov
Wording	of question			
				Further information
since 08/198	81			
				strengthened production
Feedstock				
	f the most important raw ma	terials and pre-materials to produce XY is currently		Not inquired in November 1981
[] if relatively	low:			
·····,				
The feedsto	ock became scarce due to			
		strengthened production [1]		

1981	1982	1983	1984	1985	1986	1987	1988	1989
WEST								
1991	1992	1993	1994	1995	1996	1997	1998	1999
2001	2002	2003	2004	2005	2006	2007	2008	2009
2011	2012	2012	2014	2015	2016	2017	2010	2019
2011	2012	2013	2014	2015	2010	2017	2018	2019
	WEST 1991	WEST         1991       1992         192       1992         2001       2002	WEST         1991         1992         1993           1991         1992         1993           2001         2002         2003	WEST199119921993199419911992199319942001200220032004	WEST         Herein         Herein <td>WEST199119921993199419951996199120022003200420052006</td> <td>WESTImage: state of the state of</td> <td>WEST       Image: state of the state of the</td>	WEST199119921993199419951996199120022003200420052006	WESTImage: state of the state of	WEST       Image: state of the

No.	Name	Label	Survey period	Survey frequency
3.37)	vg_festwe	feedstock in weeks	West 02/1980 - 11/2014	Feb, May, Aug, Nov
			East 02/2001 - 11/2014	Feb, May, Aug, Nov
Wording of a	question			
02/2004 1 44/2	2004			Further information
02/2001 to 11/2	2001			Feedstock in weeks
No questionnair	res for the East available			
				meaning in dataset:
				"no feedstock" = 0 weeks
02/1980 to 08/1	1981			"less than 1/2" = 0,3 weeks "more than 6, in fact", but just ticked
Feedstock				= 8 weeks

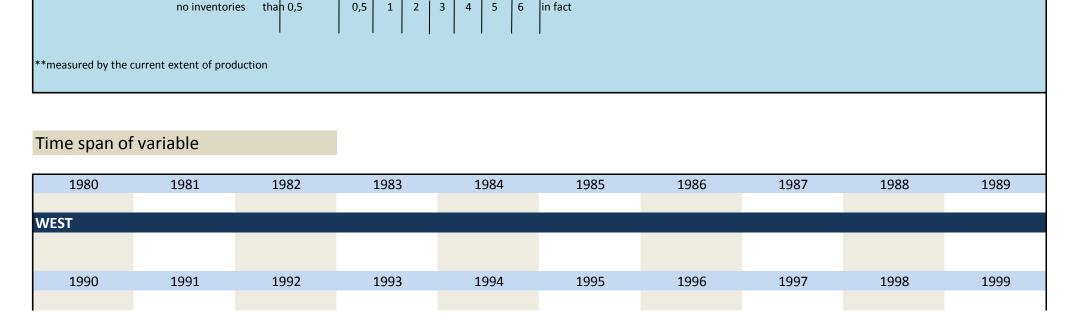






1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
WEST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
WEST									
	EAST								
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST									
EAST									

No.	Name	Label	Survey period	Survey frequency
3.38)	vg_stinwe	stock of inventories in weeks	West 02/1980 - 11/2014 East 02/2001 - 11/2014	Feb, May, Aug, Nov Feb, May, Aug, Nov
Wording of	question			1 00, 100, 100, 100
02/2001 to 11/	/2001			Further information
No questionnai	ires for the East available	2		Stock of inventories in weeks in weeks * 08/1980
02/1980 to 08/				"no stock of inventories" = 0 weeks "less than 1/2" = 0,3 weeks "more than 6, in fact", but just ticked
Stock of invent Our stock of un	t <b>ories</b> hsold finished goods of X	Y currently equates to		= 8 weeks
		less than more than 6, 0,5 0,5 1 2 3 4 5 6 in fact		
weeks of produ	uction (measured by the	current extent of production)		
11/1981 to 11/	/2001			
Stock of invent Our stock of un	ories nsold finished goods of X	Y currently equates to		
	no inventories t	less more than 6, han 0,5 0,5 1 2 3 4 5 6 in fact		
weeks of produ	uction (measured by the	current extent of production)		
since 02/2002				
<b>Stock of invent</b> Our stock of un	t <b>ories</b> nsold finished goods of X	Y currently equates to a		
	no inventories tł	less production of weeks** more than 6, nah 0,5 0,5 1 2 3 4 5 6 in fact		



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									

No.	Name		Label				Survey period	b		Survey frequency
3.39) Wording c	vg_emppro2		employees in pr	oduction			West 09/198 East 01/1991 East and Wes	to 06/2001		annual survey* monthly survey annual survey**
		-								Further information
01/1991 to 1	1/2001									Employees in production for XY
No questionr 09/1980	naires for the East av	ailable								* annual survey 1980: inquiry in September 1981 - 2000: inquiry in October
	mployees (employee	es and workers,sta	ate September 1	980) assigned to	the production of	XY				1994: no inquiry ** annual survey in November
			about		persons					Note West:
10/1981 to 10	0/1997									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.
Number of ei State: End of	mployees [month] [year]***									The data of the current survey is normally transferred 2-3 months after the survey
	] persons in the wh ire assigned to the pi			s only). p	ersons					<b>Example:</b> For November, December 2002 the variable emppro2 contains the value of the survey from
10/1998										November 2001. Since January 2003 the variable emppro2 contains the value of the survey from Nov 02
Number of e	mployees									***West 10/1995 to 10/1997
	] persons in the wh re assigned to the pr			s only). p	ersons					Month and year of the previous reporting interval <b>Example 10/1995:</b> "State: End of September 1995" <b>East 01/1991 to 06/2000</b> "State: End of month under reports"
since 10/199	9									
Number of e	mployees									
	] persons in the wh ire assigned to the pi									
				p timations by shar						
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	
WEST EAST										
										l

No.	Name	Label	Survey period	Survey frequency
3.40)	vg_emplinc	increase of employees in %	East 01/1991 to 12/2000	monthly survey
Wording of q	juestion			
				Further information
01/1991 to 12/20	000			Increase of employees for the production of VV in %
There are no que	estionnaires for the East availabl	e. The following wording is taken from previous lists of variables		Increase of employees for the production of XY in %
01/1991 to 12/20	000			
During the next 3	3 months the number of employ	ees assigned to the producction of XY will []		
in cyclical regard	ds - therefor by eliminating purel	y seasonal fluctuations		
		increase by about%		

Time span of	fvariable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	EAST								
2000	2004	2002	2002	2004	2005	2006	2007	2000	2000
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009

EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019

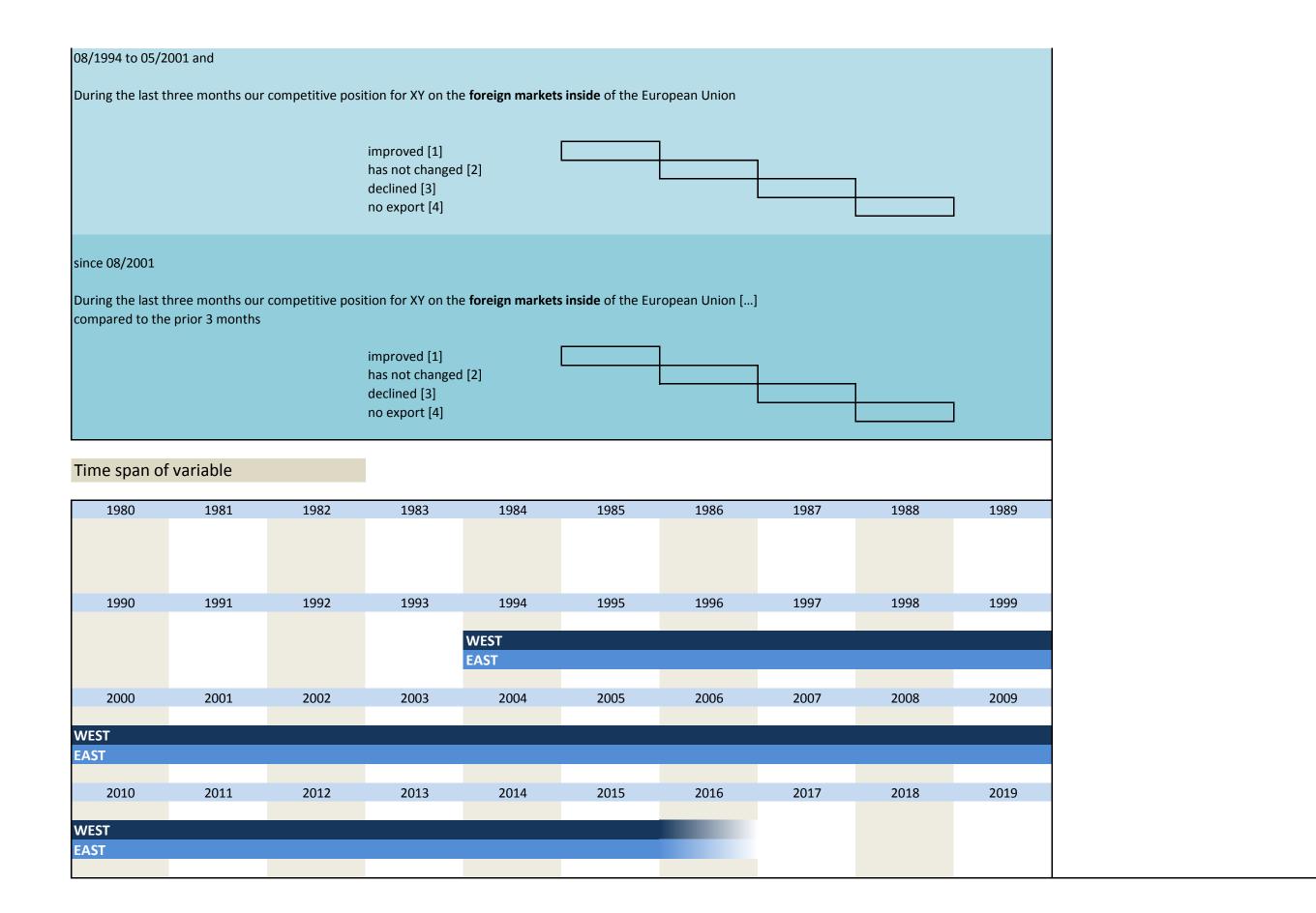
No.	Name	Label	Survey period	Survey frequency
3.41)	vg_empldec	decrease of employees in %	East 01/1991 to 12/2000	monthly survey
Wording	of question			

Further information 01/1991 to 12/2000 Decrease of employees for the production in % There are no questionnaires for the East available. The following wording is taken from previous lists of variables 01/1991 to 12/2000 During the next 3 months the number of employees assigned to the producction of XY will [...] in cyclical regards - therefor by eliminating purely seasonal fluctuations decrease by about .... ....% Time span of variable EAST EAST

	Name		Label				Survey period			Survey frequency
3.42) Wording of	vg_comppos1 question		national compet	itive position			East and West East and West			Feb, May, Aug, Nov Jan, Apr, Jul, Oct
08/1994 to 11/	2001									Further information
	res for the East avail	able								National competitive position
08/1994 to 05/	2001 and									
During the last	3 months our compe	etitive position	for XY on the <b>do</b>	mestic market						
			improved [1] has not changed declined [3]	I [2]						
	3 months our compe	etitive position	for XY on the do	mestic market []	]					
During the last	3 months our compe le 3 prior months.		i for XY on the do improved [1] has not changed declined [3]		]	<u> </u>	<u> </u>			
During the last	ne 3 prior months.		improved [1] has not changed		]		]			
During the last compared to th	ne 3 prior months.		improved [1] has not changed		.]	1986	1987	1988	1989	
During the last compared to th Time span c	ne 3 prior months. of variable		improved [1] has not changed declined [3]	I [2]		1986	1987	1988	1989	
During the last compared to th Time span c	ne 3 prior months. of variable		improved [1] has not changed declined [3]	I [2]		1986	1987 1997	1988	1989	
During the last compared to th Time span o 1980	of variable 1981	1982	improved [1] has not changed declined [3] 1983 1993	1984	1985					
During the last compared to th Time span o 1980	of variable 1981	1982	improved [1] has not changed declined [3] 1983 1993	1984 1994 WEST	1985					
During the last compared to th Time span c 1980 1990	of variable 1981 1991	1982	improved [1] has not changed declined [3] 1983 1993	1984 1984 1994 WEST EAST	1985	1996	1997	1998	1999	
During the last compared to the Time span of 1980 1990 2000 WEST	of variable 1981 1991	1982	improved [1] has not changed declined [3] 1983 1993	1984 1984 1994 WEST EAST	1985	1996	1997	1998	1999	

No.	Name	Label	Survey period	Survey frequency
3.43)	vg_comppos2	EU competitive position	East and West 08/1994 to 11/2001 East and West since 01/2002	Feb, May, Aug, Nov Jan, Apr, Jul, Oct
Wording of	question			
				Further information
08/1994 to 11/	/2001			EU competitive position
No questionna	ires for the East available			





No.	Name	Label	Survey period	Survey frequency
3.44)	vg_comppos3	competitive position abroad	East and West 08/1994 to 11/2001	Feb, May, Aug, Nov
			East and West since 01/2002	Jan, Apr, Jul, Oct

$\frac{1004 + 11}{2}$	0001									Further information
)8/1994 to 11/2										Competitive position abroad
lo questionnair	es for the East ava	ailable								
)8/1994 to 05/2	2001 and									
During the last t	hree months our	competitive posi	ition for XY on the	foreign markets	outside of the E	uropean Union				
U				Ū		·				
			improved [1] has not changed	[2]						
			declined [3]	[-]						
			no export [4]							
since 08/2001										
During the last t	hree months our	competitive pos	ition for XY on the	foreign markets	outside of the E	uropean Union [	.]			
	e prior 3 months	,,				,				
			improved [1]			]				
			has not changed declined [3]	[2]						
			no export [4]							
Fime span of	r variable									
1980	1981	1982	1983	1984	1985	1986				
						1900	1987	1988	1989	
						1900	1987	1988	1989	
						1000	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1987 1997	1988 1998	1989 1999	
1990	1991	1992		1994 WEST						
1990	1991	1992		1994						
1990 2000	1991 2001	1992 2002		1994 WEST						
2000 NEST				1994 WEST EAST	1995	1996	1997	1998	1999	
2000				1994 WEST EAST	1995	1996	1997	1998	1999	
2000 VEST				1994 WEST EAST	1995	1996	1997	1998	1999	
2000 VEST AST	2001	2002	2003	1994 WEST EAST 2004	1995 2005	1996	1997 2007	1998 2008	1999 2009	

No.	Name	Label	Survey period	Survey frequency
3.45)	vg_ranord2	range of orders in months (end of prev. month)	East and West 01/2002 to 01/2008	Jan, Apr, Jul, Oct
Wording of	question			

### 01/2002 to 01/2008

Momentarily our range of orders for XY equates to a production duration up to about [...] months At the end of previous month they reached

no	up to about month(s)	for more than 10, please
orders	1/2 1 2 3 4 5 6 7 8 9 10 	state number of months

### Time span of variable

#### Further information

Range of orders in months (end of prev. Month)

#### Note

Due to 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 would
have caused the questions regarding the range of orders
to be shifted by about one month.
That is why the question regarding the range of orders
was posed twice since the first quarter of 2002,
with the distinction that it is inquired after the
running month (ranord) and the

1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	previous month (ranord2)
										Coding in the dataset none = [0]
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	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]
2010				2014	2015	0010	2017			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name		Label				Survey perio	d		Survey frequency
3.46)	vg_uticappc2	2	capacity utilizatio	on in % (end of p	rev. month)		East and We	st 01/2002 to	01/2008	Jan, Apr, Jul, Oct
Wording of q	question									
01/2002 to 01/2	0008									Further information
	es for the East av	ailable								Capacity utilization in % (end of prev. Month)
										<b>Coding in the dataset</b> Number above the ticked box
01/2002 to 01/2	2008									more than 100 % = handwritten entry or if just ticked = [120]
	pacity utilization month it was up t		oduce XY (custon		utilization = 100%	%) is up to []%				
	Г	30 40 50 60 70	0 75 80 85 90		than 100% ::					
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000		1000	1000	1001	1005		1005	4000		
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	
No.	Name		Label				Survey perio	d		Survey frequency
3.47)	vg_emppro		<b>Label</b> employees				West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey
3.47)	vg_emppro						West 01/199 East 01/1992	91 to 10/2001		annual survey* monthly survey annual survey**
3.47) Wording of q	vg_emppro question						West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey** Further information
3.47) Wording of q 01/1991 to 11/2	vg_emppro question						West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey**
3.47) Wording of q 01/1991 to 11/2	vg_emppro question 2001 res for the East av						West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey** Further information persons occupied in the company
3.47) Wording of q 01/1991 to 11/2 No questionnair 10/1991 to 10/1 Number of empl	vg_emppro question 2001 res for the East av						West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey** Further information persons occupied in the company *1991 - 2000: inquiry in October 1994: no inquiry **annual survey in November Note West:
3.47) Wording of o 01/1991 to 11/2 No questionnair 10/1991 to 10/1 Number of empl State: End [mon	vg_emppro question 2001 res for the East av 1997 loyees ath] [year]***	ailable	employees				West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey** Further information persons occupied in the company *1991 - 2000: inquiry in October 1994: no inquiry **annual survey in November Note West: The data is only inquired annually but appears in the datasets monthly.
3.47) Wording of o 01/1991 to 11/2 No questionnair 10/1991 to 10/1 Number of empl State: End [mon	vg_emppro question 2001 res for the East av	ailable	employees we occupy		persons		West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey**         Further information         persons occupied in the company         *1991 - 2000: inquiry in October         1994: no inquiry         **annual survey in November         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.
3.47) Wording of o 01/1991 to 11/2 No questionnairo 10/1991 to 10/1 Number of empl State: End [mon In the whole con	vg_emppro question 2001 res for the East av 1997 loyees ath] [year]***	ailable	employees we occupy	ρ	persons		West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey** Further information persons occupied in the company *1991 - 2000: inquiry in October 1994: no inquiry **annual survey in November 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
3.47) Wording of q 01/1991 to 11/2 No questionnairo 10/1991 to 10/1 Number of empl State: End [mon In the whole con	vg_emppro question 2001 res for the East av 1997 loyees hth] [year]*** mpany (domestic	ailable	employees we occupy		persons		West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey*         monthly survey         annual survey**         Further information         persons occupied in the company         *1991 - 2000: inquiry in October         1994: no inquiry         **annual survey in November         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         Example:         For November, December 2002 the
3.47) Wording of q 01/1991 to 11/2 No questionnair 10/1991 to 10/1 Number of empl State: End [mon In the whole con since 10/1998 Number of empl	vg_emppro question 2001 res for the East av 1997 loyees ath] [year]*** mpany (domestic	ailable	employees we occupy		persons		West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey**         Further information         persons occupied in the company         *1991 - 2000: inquiry in October         1994: no inquiry         **annual survey in November         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         Example:         For November, December 2002 the         variable emppro contains the value of the survey fr         November 2001. Since January 2003 the
3.47) Wording of q 01/1991 to 11/2 No questionnair 10/1991 to 10/1 Number of empl State: End [mon In the whole con since 10/1998 Number of empl	vg_emppro question 2001 res for the East av 1997 loyees hth] [year]*** mpany (domestic	ailable	employees we occupy we occupy				West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey**         Further information         persons occupied in the company         *1991 - 2000: inquiry in October         1994: no inquiry         **annual survey in November         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 ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey is normally transferred ranually.         The data of the current survey i
3.47) Wording of q 01/1991 to 11/2 No questionnair 10/1991 to 10/1 Number of empl State: End [mon In the whole con since 10/1998 Number of empl	vg_emppro question 2001 res for the East av 1997 loyees ath] [year]*** mpany (domestic	ailable	employees we occupy we occupy				West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey** Further information persons occupied in the company *1991 - 2000: inquiry in October 1994: no inquiry **annual survey in November 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 transferr 2-3 months after the survey Example: For November, December 2002 the variable emppro contains the value of the survey fr November 2001. Since January 2003 the variable emppro contains the value of the survey fr Nov 02
3.47) Wording of q 01/1991 to 11/2 No questionnair 10/1991 to 10/1 Number of empl State: End [mon In the whole con since 10/1998 Number of empl	vg_emppro question 2001 res for the East av 1997 loyees hth] [year]*** mpany (domestic	ailable	employees we occupy we occupy				West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey**Further informationpersons occupied in the company*1991 - 2000: inquiry in October 1994: no inquiry**annual survey in NovemberNote 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 transferr 2-3 months after the surveyExample: For November, December 2002 the variable emppro contains the value of the survey fr November 2001. Since January 2003 the variable emppro contains the value of the survey fr
3.47) Wording of o 01/1991 to 11/2 No questionnairo 10/1991 to 10/1 Number of empl State: End [mon In the whole con since 10/1998 Number of empl In the whole con	vg_emppro question 2001 res for the East av 1997 loyees hth] [year]*** mpany (domestic	ailable	employees we occupy we occupy			1986	West 01/199 East 01/1992	91 to 10/2001 L to 06/2001		annual survey* monthly survey annual survey**         Further information         persons occupied in the company         *1991 - 2000: inquiry in October         1994: no inquiry         **annual survey in November         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 transferr 2-3 months after the survey         Example:         For November, December 2002 the variable emppro contains the value of the survey fr November 2001. Since January 2003 the variable emppro contains the value of the survey fr Nov 02         ***West 01/1994 to 10/1997 month and year of the previous reporting interval Example 10/1995: "State: End of September 1995"
3.47) Wording of o 01/1991 to 11/2 No questionnairo 10/1991 to 10/1 Number of empl State: End [mon In the whole con since 10/1998 Number of empl In the whole con	vg_emppro question 2001 es for the East av 1997 loyees ath] [year]*** mpany (domestic bloyees mpany (domestic	ailable	employees we occupy we occupy	ρ	persons	1986	West 01/199 East 01/199 East and We	91 to 10/2001 I to 06/2001 st since 11/20	001	annual survey* monthly survey annual survey**Further informationpersons occupied in the company*1991 - 2000: inquiry in October 1994: no inquiry **annual survey in NovemberNote 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 -3 months after the surveyExample: For November, December 2002 the variable emppro contains the value of the survey fr November 2001. Since January 2003 the variable emppro contains the value of the survey fr Nov 02***West 01/1994 to 10/1997 month and year of the previous reporting interval Example 10/1995:
3.47) Wording of o 01/1991 to 11/2 No questionnairo 10/1991 to 10/1 Number of empl State: End [mon In the whole con since 10/1998 Number of empl In the whole con	vg_emppro question 2001 es for the East av 1997 loyees ath] [year]*** mpany (domestic bloyees mpany (domestic	ailable	employees we occupy we occupy	ρ	persons	1996	West 01/199 East 01/199 East and We	91 to 10/2001 I to 06/2001 st since 11/20	001	annual survey* monthly survey annual survey**         Further information         persons occupied in the company         *1991 - 2000: inquiry in October         1994: no inquiry         **annual survey in November         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 transferr 2-3 months after the survey         Example:         For November, December 2002 the variable emppro contains the value of the survey fr November 2001. Since January 2003 the variable emppro contains the value of the survey fr Nov 02         ***West 01/1994 to 10/1997 month and year of the previous reporting interval Example 10/1995: "State: End of September 1995" East 01/1994 to 06/2000

	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

9.48)	vg_credit		credit allocation				West 06/200 and since 11	93 to 08/2008 /2008		Mrch, Aug monthly survey
							East 06/2003 and since 11			Mrch, Aug monthly survey
/ording c	of question									
										Further information
nce 07/200	13									Credit allocation
ow do youe	evaluate the current	willingness of bar	nks to grant loans	?						2003: June, August
		accommodating	[1]			1				Standard question since 11/2008. see 2.19)
		normal [2]					1			
		reserved [3]					]			
ime span 1980	of variable	1982	4000							
			1983	1984	1985	1986	1987	1988	1989	
			1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1983	1984 1994	1985 1995	1986 1996	1987 1997	1988 1998	1989 1999	
1990	1991									
1990	1991									
		1992 2002	1993	1994	1995	1996	1997	1998	1999	
		1992 2002	1993 2003 WEST	1994	1995	1996	1997	1998	1999	
2000	2001	1992 2002	1993 2003 WEST EAST	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

No.	Name	Label	Survey period	Survey frequency
3.49)	vg_j1	Japan crisis q1	East and West 05/2011	once

05/2011										Further information
Are you currentl	y directly or indir pe affected during			rs by supply shor	tage resulting fro	om the Japan cris	is			Japan crisis question 1
currently:							]yes [1] ]no [2]			
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	
	2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name	Label	Survey period	Survey frequency
3.50)	vg_j2	Japan crisis q2	East and West 05/2011	once
Wording of c	question			
				Further information
05/2011				Japan crisis question 2
	ly directly or indirectly affected vi be affected during the next 3 mor	a other presuppliers by supply shortage resulting from the J hths?	lapan crisis	
currently:	lf yes: (referend Our methods: 0	te to question J1) Other suppliers	yes [1]	
			no [2]	

me 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
3.53	1)	vg_j3	Japan crisis q3	East and West 05/2011	once
_					

and/or will you	u be affected durin									
currently:			ce to question J1)				7			
		Our methods: r	eduction of produ	ction			yes [1]			
							no [2]			
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	
2010	WEST	2012	2013	2014	2015	2010	2017	2010	2013	
	EAST									
No.	Name		Label				Survey period	d		Survey frequency
`										
3.52)	vg_j4		Japan crisis q4				East and Wes	ST 05/2011		once
	fausstica									
	fquestion									Further information
Wording of	fquestion									Further information Japan crisis question 4
Wording of 05/2011 Are you currer	f question ntly directly or indir u be affected durin		a other presupplie	ers by supply sho	rtage resulting fro	om the Japan cris	iis			Further information Japan crisis question 4
Wording of 05/2011 Are you currer and/or will you	ntly directly or indir u be affected durin		a other presupplie	ers by supply sho	rtage resulting fro	om the Japan cris	iis			
Wording of 05/2011 Are you currer and/or will you	ntly directly or indir u be affected durin		a other presupplie	ers by supply sho	rtage resulting fro		.is ]yes [1]			
Wording of 05/2011 Are you currer and/or will you	ntly directly or indir u be affected durin		a other presupplie	ers by supply sho	rtage resulting fro		_			
Wording of 05/2011 Are you currer and/or will you During the nex	ntly directly or indir u be affected durin xt 3 months:		a other presupplie	ers by supply sho	rtage resulting fro		yes [1]			
Wording of 05/2011 Are you currer and/or will you During the nex	ntly directly or indir u be affected durin xt 3 months: of variable	g the next 3 moi	a other presupplie nths?				]yes [1] ]no [2]		1000	
Wording of 05/2011 Are you currer and/or will you During the nex	ntly directly or indir u be affected durin xt 3 months:		a other presupplie	ers by supply sho	rtage resulting fro		yes [1]	1988	1989	
Wording of 05/2011 Are you currer and/or will you During the nex	ntly directly or indir u be affected durin xt 3 months: of variable	g the next 3 moi	a other presupplie nths?				]yes [1] ]no [2]	1988	1989	
Wording of 05/2011 Are you currer and/or will you During the nex	ntly directly or indir u be affected durin xt 3 months: of variable	g the next 3 moi	a other presupplie nths?				]yes [1] ]no [2]	1988	1989	
Wording of 05/2011 Are you currer and/or will you During the nex Time span o 1980	ntly directly or indir u be affected durin xt 3 months: of variable 1981	g the next 3 mor	a other presupplie nths? 1983	1984	1985	1986	]yes [1] ]no [2] 1987			
Wording of 05/2011 Are you currer and/or will you During the nex Time span o 1980	ntly directly or indir u be affected durin xt 3 months: of variable 1981	g the next 3 mor	a other presupplie nths? 1983	1984	1985	1986	]yes [1] ]no [2] 1987			
Wording of D5/2011 Are you currer and/or will you During the nex Time span o 1980	ntly directly or indir u be affected durin xt 3 months: of variable 1981 1991	g the next 3 mor 1982 1992	a other presupplie nths? 1983 1993	1984	1985	1986	]yes [1] ]no [2] 1987 1997	1998	1999	
Wording of 05/2011 Are you currer and/or will you During the nex Time span o 1980	ntly directly or indir u be affected durin xt 3 months: of variable 1981 1991	g the next 3 mor 1982 1992	a other presupplie nths? 1983 1993	1984	1985	1986	]yes [1] ]no [2] 1987 1997	1998	1999	
Wording of 05/2011 Are you currer and/or will you During the nex 1980 1990 2000	ntly directly or indir u be affected durin xt 3 months: of variable 1981 1991 1991 2001 2001	g the next 3 mor 1982 1992 2002	a other presupplie nths? 1983 1993 2003	1984 1994 2004	1985	1986 1996 2006	]yes [1] ]no [2] 1987 1997 2007	1998 2008	1999 2009	
Wording of 05/2011 Are you currer and/or will you During the nex 1980 1990 2000	ntly directly or indir u be affected durin xt 3 months: of variable 1981 1991 2001	g the next 3 mor 1982 1992 2002	a other presupplie nths? 1983 1993 2003	1984 1994 2004	1985	1986 1996 2006	]yes [1] ]no [2] 1987 1997 2007	1998 2008	1999 2009	
Wording of D5/2011 Are you currer and/or will you During the nex 1980 1990 2000 2000	ntly directly or indir u be affected durin xt 3 months: of variable 1981 1991 1991 2001 2001	g the next 3 mor 1982 1992 2002	a other presupplie nths? 1983 1993 2003	1984 1994 2004	1985	1986 1996 2006	]yes [1] ]no [2] 1987 1997 2007	1998 2008 2018	1999 2009	
Wording of 05/2011 Are you currer and/or will you During the nex 1980 1990 2000	ntly directly or indir u be affected durin xt 3 months: of variable 1981 1991 1991 2001 2001 VEST EAST EAST	g the next 3 mor 1982 1992 2002	a other presupplie nths? 1983 1993 2003 2013	1984 1994 2004	1985	1986 1996 2006	)yes [1] ]no [2] 1987 1997 2007 2007	1998 2008 2018	1999 2009	Japan crisis question 4

Are you currently directly or indirectly affected via other presuppliers by supply shortage resulting from the Japan crisis and/or will you be affected during the next 3 months?

05/2011

During the next a	3 months:	lf yes: (reference Our methods: ot					yes [1] no [2]		
Time span of	variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989

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Japan crisis question 5

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				Survey perio	d		Survey frequency
3.54)	vg_j6		Japan crisis q6				East and We	st 05/2011		once
Wording	of question									
										Further information
05/2011										Japan crisis question 6
	ently directly or indi ou be affected durin			ers by supply sho	rtage resulting fro	om the Japan cri	sis			
During the n	ext 3 months:	If yes: (reference	to question 11)							
During the h	ext 5 months.	Our methods: re		iction			yes [1]			
							no [2]			
Time spar	n 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	od	-	Survey frequency
No. 3.55)	Name vg_fairxh			nternational spec	ialized fair		Survey perio		012	Survey frequency irregularly
3.55)				nternational spec	ialized fair				012	
3.55) Wording o	vg_fairxh			nternational spec	ialized fair				012	
3.55) Wording ( 06/2012	vg_fairxh of question		exhibitor at an ii		ialized fair				012	irregularly
3.55) Wording ( 06/2012	vg_fairxh		exhibitor at an ii		ialized fair				012	irregularly Further information
3.55) Wording ( 06/2012	vg_fairxh of question		exhibitor at an ii			]			012	irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only an
3.55) Wording ( 06/2012	vg_fairxh of question	an exhibitor at an	exhibitor at an ii	ecialized fair?					012	irregularly Further information Exhibitor at an international specialized fair
3.55) Wording of 06/2012 Is your comp	vg_fairxh of question oany represented as yes [1]	an exhibitor at an	exhibitor at an ii	ecialized fair?					012	irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only a therefor does not appear in the print based
3.55) Wording of 06/2012 Is your comp	vg_fairxh of question	an exhibitor at an	exhibitor at an ii	ecialized fair?		1986			012	irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only at therefor does not appear in the print based
3.55) Wording of 06/2012 Is your comp Time spar	vg_fairxh of question oany represented as yes [1]	an exhibitor at an	exhibitor at an in international spo	ecialized fair? no [2]		1986	East and We	st since 06/2		irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only at therefor does not appear in the print based
3.55) Wording of 06/2012 Is your comp Time span	vg_fairxh of question oanv represented as ves [1] n of variable 1981	an exhibitor at an	exhibitor at an in international spo 1983	ecialized fair? no [2] 1984	1985		East and We	est since 06/2	1989	irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only at therefor does not appear in the print based
3.55) Wording of 06/2012 Is your comp Time spar	vg_fairxh of question oany represented as yes [1]	an exhibitor at an	exhibitor at an in international spo	ecialized fair? no [2]		1986	East and We	st since 06/2		irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only at therefor does not appear in the print based
3.55) Wording of 06/2012 Is your comp Time span	vg_fairxh of question oanv represented as ves [1] n of variable 1981	an exhibitor at an	exhibitor at an in international spo 1983	ecialized fair? no [2] 1984	1985		East and We	est since 06/2	1989	irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only at therefor does not appear in the print based
3.55) Wording of 06/2012 Is your comp Time span	vg_fairxh of question oanv represented as ves [1] n of variable 1981	an exhibitor at an	exhibitor at an in international spo 1983	ecialized fair? no [2] 1984	1985		East and We	est since 06/2	1989	irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only at therefor does not appear in the print based
3.55) Wording of 06/2012 Is your comp Time spar 1980	vg_fairxh of question oanv represented as ves [1] n of variable 1981 1991	an exhibitor at an 1982 1992	exhibitor at an in international spo 1983	ecialized fair? no [2] 1984 1994	1985	1996	East and We	est since 06/2 1988	1989	irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only at therefor does not appear in the print based
3.55) Wording of 06/2012 Is your comp Time spar 1980	vg_fairxh of question oanv represented as ves [1] n of variable 1981 1991	an exhibitor at an 1982 1992	exhibitor at an in international spo 1983	ecialized fair? no [2] 1984 1994	1985	1996	East and We	est since 06/2 1988	1989	irregularly Further information Exhibitor at an international specialized fair In June 2014 the question was posed online only at therefor does not appear in the print based

No.	Name	Label	Survey period	Survey frequency
3.56)	vg_fairxh_g	exhibitor at an international specialized fair in Germany	East and West since 06/2012	irregularly
Wording of	of question			

		Further information
	06/2012	
		Exhibitor at an international specialized fair in Germany
	Is your company represented as an exhibitor at an international specialized fair?	
	[]	
		In June 2014 the question was posed online only and
		therefor does not appear in the print based questionnaires
		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
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	2000	2001	2002	2003	2004	2003	2000	2007	2008	2009
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
			WEST							
			EAST							

No.	Name		Label				Survey perio	d		Survey frequency
3.57)	vg_fairxh_e		exhibitor at an ir	nternational spec	ialized fair in a for	reign European	East and Wes	st since 06/20	)12	irregularly
			country							
	of question									
06/2012										Further information
	bany represented as	an exhibitor at ar	n international spe	cialized fair?						Exhibitor at an international specialized fair in a foreign European country
1 your comp	any represented as									
] .e										
f yes, intern	ational specialized fa									In June 2014 the question was posed online only and therefor does not appear in the print based
	- in a foreign	European countr	ry [1]							questionnaires
Time spar	n 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								
		LASI								

No.	Name	Label	Survey period	Survey frequency
3.58)	vg_fairxh_ne		East and West since 06/2012	irregularly
Wording of c	question	Europe		

06/2012 Is your company []	represented as	an exhibitor at an	Further information Exhibitor at an international specialized fair in a country outside of Europe							
If yes, internation		airs voutside of Europe	In June 2014 the question was posed online only and therefor does not appear in the print based questionnaires							
Time span of	variable 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 WEST EAST	2013	2014	2015	2016	2017	2018	2019	

No. Name Label Survey p
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3.59)	vg_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 cor	npany be represented as an exh	nibitor at an international specialized fair during the next 2-3 years?		years
	yes [1]	no [2]		



Survey frequency

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 WEST EAST	2013	2014	2015	2016	2017	2018	2019

No.	Name	Label				Survey perio	d		Survey frequency
3.60)	vg_fairxhexp_g						st 06/2012		once
Wording	of question	next 2-3 years							
06/2012									Further information
	nonube represented as	an exhibitor at an internatio		Exhibitor at an international specialized fair in Germany during the next 2-3 years					
	ilpany be represented as a				liext 2-5 years				
[]									
If yes, interna	ational specialized fairs								
	- in Germany [1]			]					
	<i></i>								
Time span	of variable								
1980	1981	1982 1983	1984	1985	1986	1987	1988	1989	

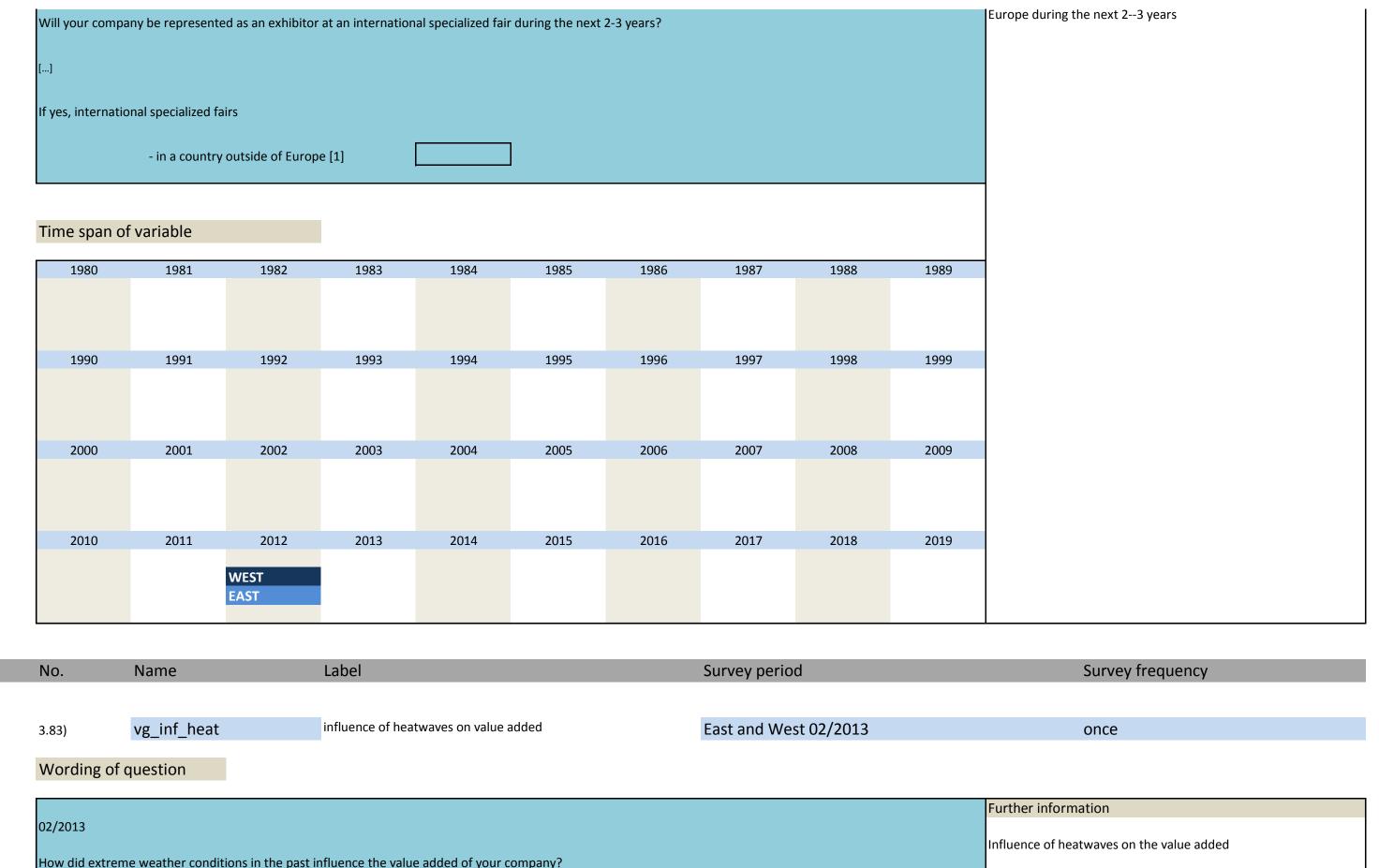
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
		WEST EAST							

No.	Name	Label	Survey period	Survey frequency
3.61)	vg_fairxhexp_e	exhibitor at an international specialized fair in a foreign European country during next 2-3 years	East and West 06/2012	once
Wording	of question			
06/2012				Further information
Will your co	ompany be represented as an exh	ibitor at an international specialized fair during the next 2-3 years?		Exhibitor at an international specialized fair in a foreign Europ country during the next 2-3 years
[]				
If you intor	national specialized fairs			

[]									
If yes, internatio	nal specialized fa	airs							
	- in a foreign	European country	/[1]						
		. ,							
Time span of	variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1560	1901	1562	1965	1304	1965	1560	1567	1500	1565
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2000	2001	2002	2003	2001	2003	2000	2007	2000	2003
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
		WEST							
		EAST							

No.	Name	Label	Survey period	Survey frequency
3.62)	vg_fairxhexp_ne	exhibitor at an international specialized fair in a country outside	East and West 06/2012	once
	· · · · · · · ·	Europe during next 2-3 years		
Wording of	question			
				Further information
06/2012				Exhibitor at an international specialized fair in a country outside of





How did extreme weather conditions in the past influence the value added of your company?

positive negative not specified influence no influence [2] influence [4] [1] [3]

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	Labe					Survey perio	d		Survey frequency
3.84)	vg_inf_cold	influe	nce of cold w	waves on value a	dded		East and We	st 02/2013		once
Wording	of question									
02/2012										Further information
02/2013 How did ext	reme weather conditions	s in the past influenc	ce the value a	added of your co	ompany?					Influence of cold waves (incl. ice and snow) on the value ad
		inf	ositive fluence n [1]	no influence [2]	negative influence [3]	not specified [4]	]			
	cold waves (incl. ice						-			
Time spa	n of variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
		1982 :	1983	1984	1985	1986	1987	1988	1989	
			1983 1993	1984 1994	1985 1995	1986 1996	1987	1988 1998	1989 1999	
1980	1981	1992 :								
1980 1990	1981 1991	1992 :	1993	1994	1995	1996	1997	1998	1999	

NIa	Nie weere	ا م ام م	Cum un un artic al	Company fragmenta and
INO.	Name	Label	Survey period	Survey frequency



3.85)	vg_inf_drou	influence of drought on value added	East and West 02/2013	once

/2013										Further information
	e weather condit	ons in the past i	influence the valu	ie added of your co	ompany?					Influence of drought on the value added
			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	drou	ıght								
ne 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
3.86)	vg_inf_rain	influence of heavy rainfall on value added	East and West 02/2013	once
Wording o	of question			
				Further information
02/2013				Further information

			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	heavy	rainfall								
	fvariable									
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	2006	2007	2000	2000	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	4

No.	Name	Label	Survey period	Survey frequency
3.87)	vg_inf_storm	influence of storms on value added	East and West 02/2013	once
Wording of	auestion			

How did extreme weather conditions in the past influence the value added of your company? <u>positive</u> influence [2] influence [2] influence [4]             [4] <u>13</u> <u>14</u> <u>14</u> <u>15</u> <u>15             <u>15           </u></u>	Further information									)2/2013
storms influence [2] influence [2] influence [4]	Influence of storms on the value added				ompany?	ie added of your co	nfluence the valu	ions in the past ir	e weather condit	low did extrem
					influence	no influence [2]	influence			
Time span of variable								rms	sto	
Time span of variable										
									variable	Time span of
1980       1981       1983       1984       1985       1986       1987       1988       1989	88 1989	1988 1989	1987	1986	1985	1984	1983	1982	1981	1980

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				Survey perio	d		Survey frequency
							-			
3.88)	vg_einf_pur		expected influer	nce of climate cha	nge on purchase	S	East and We	st 02/2013		once
Wording o	of question									
										Further information
02/2013										Expected influence of climate change on purchases
How do you e	evaluate the influenc	e of the forecas	sted climate chang	e on following sec	ctors of your com	ipany?				
			positive influence	no influence [2]	negative influence	not specified	]			
	purch	าลรคร	[1]		[3]	[4]				
	purci									
										-
Timo coon	<b>6</b>									
	of variable									
1980	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982 1992	1983	1984 1994	1985 1995	1986 1996	1987 1997	1988 1998	1989 1999	
1980	1981									
1980	1981									
1980 1990	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1981 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 1990	1981 1991	1992	1993 2003 2013	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1981 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

No.	Name	Label	Survey period	Survey frequency
3.89)	vg_einf_prod	expected influence of climate change on production	East and West 02/2013	once

02/2013 How do you eval	uate the influenc	e of the forecast	ed climate chang positive influence [1]	ge on following sec	tors of your cor negative influence [3]	npany? not specified [4]				Further information Expected influence of climate change on production
Time span of	produ variable	uction								
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 perio	od	Survey frequency
3.90)	vg_einf_sal	expected influe	nce of climate char	nge on sales		East and We	st 02/2013	once
Wording o	of question							
								Further information
02/2013								Expected influence of climate change on sales
How do you e	evaluate the influence of th	e forecasted climate chang	ge on following sec	tors of your cor	npany?			
		positive influence	no influence [2]	negative influence	not specified			
		[1]		[3]	[4]			
	sales							
Time span	of variable							

1980 1981 1982 1985 1984 1985 1986 1987 1987	1905
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
3.91)	vg_einf_was	t	expected influer	nce of climate cha	inge on waste m	anagement	East and We	st 02/2013		once
Wording of	fquestion									
02/2012										Further information
02/2013 How do you e	valuate the influenc	ce of the foreca	sted climate chang	e on following see	ctors of your con	npany?				Expected influence of climate change on waste mangem
	waste ma	nagement	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
Time span	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							

vg\_einf\_log

Survey period

### 3.92)

expected influence of climate change on logistics

Label

once

# Wording of question

02/2012										Further information
02/2013 How do you eval	uate the influence	e of the forecast	ed climate chang	ge on following sec	tors of your con	unany?				Expected influence of climate change on logistics
			positive		negative					
			influence [1]	no influence [2]	influence [3]	not specified [4]				
	logis	stics			[3]					
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1550	1991	1992	1995	1551	1995	1990	1557	1990	1333	
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)	vg_einf_inno	expected influence of climate change on innovations	East and West 02/2013	once

Wording of question

/2013			
, w do you evaluate the influence of the forec	asted climate change on following	sectors of your co	npany?
,			
	positive influence no influence [1]	[2] negative [2] influence [3]	not specified [4]
innovations			

Time span of	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

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

No.	Name	Label	Survey period	Survey frequency
3.94)	vg_einf_pers	expected influence of climate change on personnel	East and West 02/2013	once

02/2013 How do you eval	uate the influenc	e of the forecast	ted climate chang positive influence	ge on following sec	tors of your con negative influence	not specified				Further information Expected influence of climate change on personnel
	persc	onnel	[1]		[3]	[4]				
Time span of 1980	variable 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
3.95)	vg_flight_ger	importance of flight connections in Germany	East and West 03/2013	once

Wording of question

/2013										Importance of flight connections to destinations in Germar
w important i	s a flight connect	ion to destinati	ons in [] for your o	company?						
	Gerr	nany	very important [1]	important [2]	less important [3]	unimportant [4]				
me 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 WEST EAST	2014	2015	2016	2017	2018	2019	

l	No.	Name	Label				Survey period	Survey frequency
3	3.96)	vg_flight_eur	importance of flight co	connections in	Europe		East and West 03/2013	once
	Wording of c	question						
								Further information
(	03/2013							Importance of flight connections to destinations in Europe
	How important	is a flight connection to destination	ons in [] for your comp	pany?				
			very important im	nportant I	less important	unimportant	]	
			[1]	[2]	[3]	[4]		
		Europe					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
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009

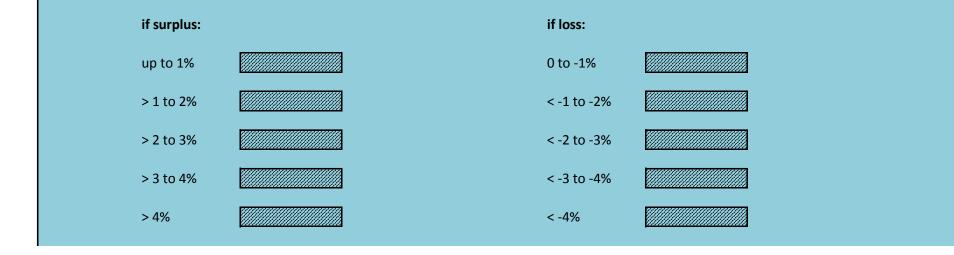
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
			WEST EAST						

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

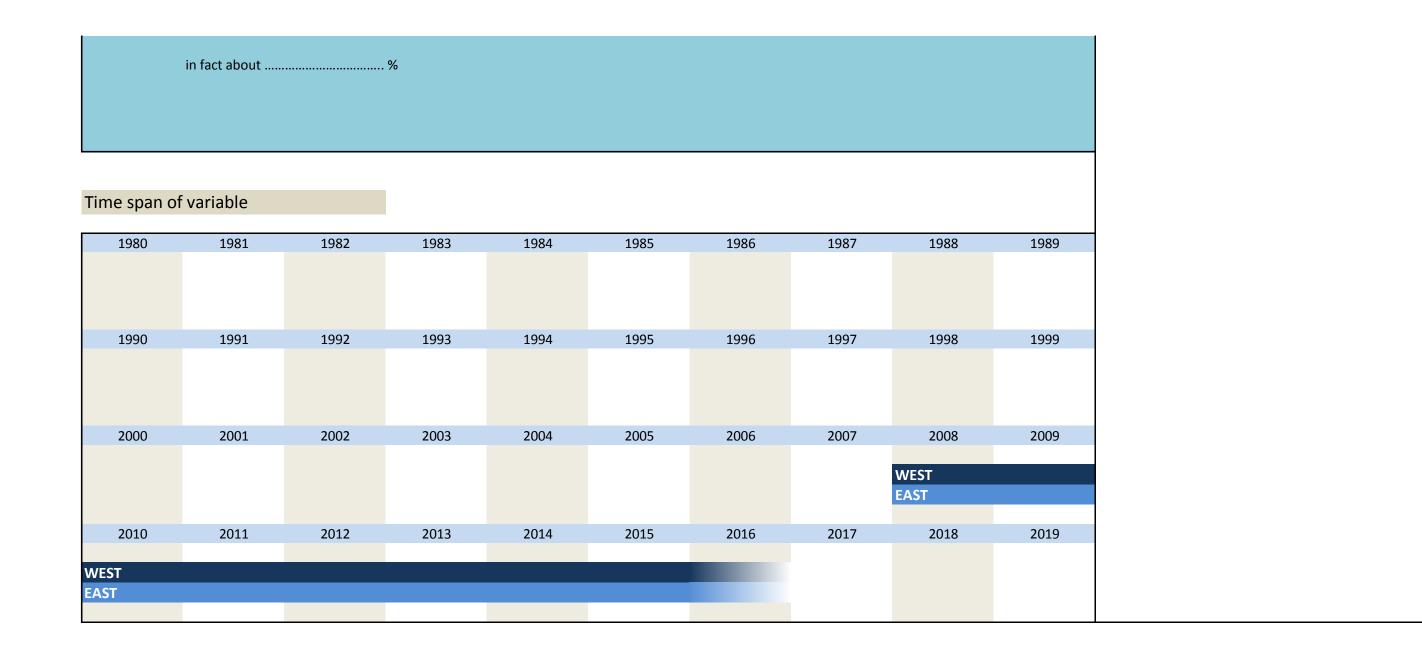
How importar	nt is a flight connec	tion to destinat								
			very important [1]	important [2]	less important [3]	unimportant [4]				
	worl	dwide								
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
4000	1001	1000	4000	4004	1005	1005	4007	4000	1000	
1990	1991	1992	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			S	Survey perio	bd		Survey frequency
			_			_				
3.98)	vg_surp_cat		return on sales: s	urplus (categor	y)	E	East and We	est since 09/20	08	May,Sep
	vg_surp_cat		return on sales: s	urplus (categor	y)	E	East and We	est since 09/20	08	May,Sep
Wording o	fquestion		return on sales: s	urplus (categor	y)	6	East and Wo	est since 09/20	08	May,Sep Further information
since 09/2008	f question					E	East and Wo	est since 09/20	08	-
Wording o	f question		return on sales: s		20XX*	E	East and Wo	est since 09/20	08	-
Wording o	f question		r in % of the net retu		20XX* if loss:		East and Wo	est since 09/20	08	-
Wording o	f question				20XX*	E	East and Wo	est since 09/20	08	Further information
Wording o	f question		r in % of the net retu		20XX* <b>if loss:</b> 0 to -1%	E	East and Wo	est since 09/20	08	Further information
Wording o	f question		v in % of the net retu		20XX* <b>if loss:</b> 0 to -1% < -1 to -2%		East and Wo	est since 09/20	08	Further information
Wording o	f question olus less tax or loss <b>if surplus:</b> up to 1% > 1 to 2%		/ in % of the net retu [1] [2]		20XX* <b>if loss:</b> 0 to -1% < -1 to -2% < -2 to -3%		East and Wo	est since 09/20	08	Further information
Wording o	f question solus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3%		/ in % of the net retu [1] [2] [3]		20XX* <b>if loss:</b> 0 to -1% < -1 to -2% < -2 to -3%		East and Wo	est since 09/20	08	Further information
Wording o	f question olus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4%		/ in % of the net retu [1] [2] [3] [4]		20XX* <b>if loss:</b> 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4%		East and Wo	est since 09/20	08	Further information
Wording o	f question olus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4%		/ in % of the net retu [1] [2] [3] [4]		20XX* <b>if loss:</b> 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4%		East and Wo	est since 09/20	08	Further information
Wording o	f question solus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4%		/ in % of the net retu [1] [2] [3] [4]		20XX* <b>if loss:</b> 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4%		East and Wo	est since 09/20	08	Further information
Wording o since 09/2008 Expected surp	f question olus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4% of variable	of our company	v in % of the net retu [1] [2] [3] [4] [5]	Irns on sales in	20XX* <b>if loss:</b> 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4%					Further information
Wording o since 09/2008 Expected surp	f question olus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4% of variable	of our company	v in % of the net retu [1] [2] [3] [4] [5]	Irns on sales in	20XX* <b>if loss:</b> 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4%					Further information
Wording o since 09/2008 Expected surp	f question olus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4% of variable	of our company	v in % of the net retu [1] [2] [3] [4] [5]	Irns on sales in	20XX* <b>if loss:</b> 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4%					Further information
Wording o since 09/2008 Expected surp Time span 1980	f question a blus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4% of variable 1981	of our company	y in % of the net retu [1] [2] [3] [4] [5] 1983	Irns on sales in	20XX* if loss: 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4%	1986	1987	1988	1989	Further information
Wording o since 09/2008 Expected surp Time span 1980	f question a blus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4% of variable 1981 1991	of our company 	y in % of the net retu [1] [2] [3] [4] [5] 1983 1993	Irns on sales in 1984 1994	20XX* if loss: 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1985	1986 1996	1987	1988 1998	1989	Further information
Wording o since 09/2008 Expected surp Time span 1980	f question a blus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4% of variable 1981	of our company	y in % of the net retu [1] [2] [3] [4] [5] 1983	Irns on sales in	20XX* if loss: 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4%	1986	1987	1988	1989	Further information
Wording o since 09/2008 Expected surp Time span 1980	f question a blus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4% of variable 1981 1991	of our company 	y in % of the net retu [1] [2] [3] [4] [5] 1983 1993	Irns on sales in 1984 1994	20XX* if loss: 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1985	1986 1996	1987	1988 1998 1998 2008 WEST	1989	Further information
Wording o since 09/2008 Expected surp Time span 1980 1990	f question a blus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 3 to 4% > 4% OF variable 1981 1981 1991 1991	of our company 	y in % of the net returns [1] [2] [3] [4] [5] 1983 1983 1993 2003	irns on sales in 1984 1994 2004	20XX* if loss: 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1985 1995 2005	1986 1996 1996 1996	1987	1988 1998 1998 1998 1998 1998	1989 2009	Further information
Wording o since 09/2008 Expected surp Time span 1980	f question a blus less tax or loss if surplus: up to 1% > 1 to 2% > 2 to 3% > 3 to 4% > 4% of variable 1981 1991	of our company 	y in % of the net retu [1] [2] [3] [4] [5] 1983 1993	Irns on sales in 1984 1994	20XX* if loss: 0 to -1% < -1 to -2% < -2 to -3% < -3 to -4% < -4% 1985 1985	1986 1996	1987	1988 1998 1998 2008 WEST	1989	Further information

No.	Name	Label	Survey period	Survey frequency
3.99)	vg_ros_surp	return on sales: surplus	East and West since 09/2008	May,Sep
Wording	of question			
since 09/200	8		F	Further information

### Expected surplus less tax or loss of our company in % of the net returns on sales in 20XX\*



\*20XX denotes the year under report



I	No.	Name	Label		Survey period	Survey frequency
3	3.100)	vg_loss_cat	return on sales: loss (category)		East and West since 09/2008	May,Sep
N N	Wording of q	juestion				
						Further information
S	since 09/2008					
E	Expected surplus	s less tax or loss of our company i	n % of the net returns on sales in 20XX*			
		if surplus:	if loss:			*20XX denotes the year under report
		up to 1%	0 to -1%		[1]	
		> 1 to 2%	< -1 to -2	%	[2]	
		> 2 to 3%	< -2 to -3	%	[3]	

	> 3 to 4%				< -3 to -4%		[4]		
	> 4%				< -4%		[5]		
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
								WEST EAST	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
NEST AST	_								

No.	Name	Label	Survey period	Survey frequency
3.101)	vg_ros_loss	return on sales: loss	East and West since 09/2008	May,Sep

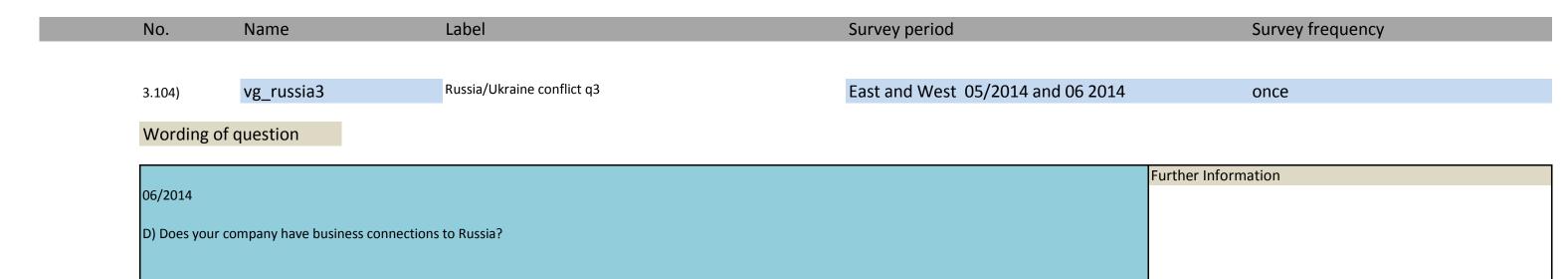
		Further information
since 09/2008		
Expected surplus less tax or loss of our company in % of the net return	ns on sales in 20XX*	
if surplus:	if loss:	*20XX denotes the year under report
up to 1%	0 to -1%	2000 denotes the year under report
> 1 to 2%	< -1 to -2%	
> 2 to 3%	< -2 to -3%	
> 3 to 4%	< -3 to -4%	
> 4%	< -4%	
	in fact about%	

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									

No.	Name	Label	Survey period	Survey frequency
3.102)	vg_russia1	Russia/Ukraine conflict q1	East and West 05/2014 and 06 2014	once
Wordin	g of question			

										Further Information
D) Does your (	company have bus	iness connections	s to Russia?							
		yes[1]		no[2]						
										-
	¢									
lime 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						
										J
No.	Name		Label				Survey perio	d		Survey frequency
							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
3.103)	vg_russia2		Russia/Ukraine	conflict q2			East and We	st 05/2014 a	nd 06 2014	once
3.103)	vg_russia2		Russia/Ukraine	conflict q2			East and We	st 05/2014 a	nd 06 2014	once
3.103) Wording of			Russia/Ukraine	conflict q2			East and We	st 05/2014 a	nd 06 2014	
Wording of			Russia/Ukraine	conflict q2			East and We	st 05/2014 a	nd 06 2014	ONCE Further Information
Wording of	f question	inocc connection		conflict q2			East and We	st 05/2014 a	nd 06 2014	
Wording of		iness connections		conflict q2			East and We	st 05/2014 a	nd 06 2014	
Wording of	f question company have bus	73	s to Russia?	73			East and We	st 05/2014 a	nd 06 2014	
Wording of	f question	73		73			East and We	st 05/2014 a	nd 06 2014	
Wording of	f question company have bus	73	s to Russia?	73			East and We	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your o	f question company have bus	yes	s to Russia?	73			East and We	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your o	f question company have bus	73	s to Russia?	73			East and We	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your o	f question company have bus	yes	s to Russia?	73			East and We	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your o	f question company have bus	yes	s to Russia?	73			East and We	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your o	f question company have bus	yes	s to Russia?	73	1985	1986	East and West	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your o If yes: Time span	f question company have bus	yes ]Imports from R	s to Russia?	no	1985	1986				
Wording of 06/2014 D) Does your o If yes: Time span	f question company have bus	yes ]Imports from R	s to Russia?	no	1985	1986				
Wording of 06/2014 D) Does your o If yes: Time span	f question company have bus	yes ]Imports from R	s to Russia?	no	1985	1986				
Wording of 06/2014 D) Does your o If yes: Time span 1980	f question company have bus final definition company have bus final definition final defini	yes Imports from R 1982	s to Russia? ussia [1] 1983	no 1984			1987	1988	1989	
Wording of 06/2014 D) Does your o If yes: Time span 1980	f question company have bus final definition company have bus final definition final defini	yes Imports from R 1982	s to Russia? ussia [1] 1983	no 1984			1987	1988	1989	
Wording of 06/2014 D) Does your o If yes: Time span 1980	f question company have bus final definition company have bus final definition final defini	yes Imports from R 1982	s to Russia? ussia [1] 1983	no 1984			1987	1988	1989	
Wording of 06/2014 D) Does your o If yes: Time span 1980	f question company have bus final definition final defini	yes Imports from R 1982 1992	s to Russia? ussia [1] 1983 1993	no 1984 1994	1995	1996	1987	1988	1989	
Wording of 06/2014 D) Does your o If yes: Time span 1980	f question company have bus final definition final defini	yes Imports from R 1982 1992	s to Russia? ussia [1] 1983 1993	no 1984 1994	1995	1996	1987	1988	1989	
Wording of 06/2014 D) Does your o If yes: Time span 1980	f question company have bus final definition final defini	yes Imports from R 1982 1992	s to Russia? ussia [1] 1983 1993	no 1984 1994	1995	1996	1987	1988	1989	
Wording of 06/2014 D) Does your of If yes: 1980 1990 2000	f question company have bus f question company have bus f question	yes Imports from R 1982 1992 2002	s to Russia? ussia [1] 1983 1993 2003	no 1984 1994 1994 2004	1995 2005	1996 2006	1987 1997 2007	1988	1989 1999 2009	



		yes		no					
If yes:									
[		Exports to Russi	a [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
3.105)	vg_russia4	Russia/Ukraine conflict q4	East and West 05/2014 and 06 2014	once
Wording of	question			

06/2014										Further Information	
D) Does your cor	npany have busin	ess connections t	to Russia?								
	,	yes		no							
-		· •									
f yes:											
		Joint ventures wi	th russian compa	nies [1]							
Гіme span of	variable										
				1001		1000	1007		1000		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
1330	1331	1352	1995	1994	1995	1990	1997	1990	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				Survey perio	d		Survey frequency
3.106)	vg_russia5		Russia/Ukraine	conflict q5			East and We	st 05/2014 ar	nd 06 2014	once
Wording of	fquestion									
										Further Information
06/2014										
D) Does your o	company have busii	ness connections	to Russia?							
		1		3						
		yes		no						
If yes:										
		own branches in	Pussia [1]							
Time span	of variable									
Time span	of variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982 1992	1983 1993	1984 1994	1985 1995	1986	1987 1997	1988	1989 1999	
1980	1981									
1980	1981									
1980	1981									
1980 1990	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1981 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 1990	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1981 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	



Label

## Wording of question

		Further Information
(	)6/2014	
[	D) Does your company have business connections to Russia?	
	yes ////////////////////////////////////	
I	f yes:	



e 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						

No.	Name	Label				Survey perio	d		Survey frequency
3.108)	vg_russia7	Russia/Ukraine	conflict q7			East and We	st 05/2014 a	nd 06 2014	once
Wording of	fauestion								
woruing of	question								
06/2014									Further Information
00/2014									
D) Did you alro	eady experience impair	ments due to the russian-uk	ainian conflict?						
	yes	5[1]	no[2]						
<b>T</b> :	- <b>f</b>								
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
3.10	09)	vg_russia8	Russia/Ukraine conflict q8	East and West 05/2014 and 06 2014	once
Wo	ording of q	uestion			

6/2014										Further Information
) Are you expec	cting future impai	rments for your o	company?							
		yes[1]		no[2]						
		yes[1]		mo[z]						
me span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1500	1301	1302	1905	1501	1903	1900	1907	1900	1909	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2003	2000	2007	2000	2005	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
				WEST EAST						
				EAST						

Label

Survey period

Survey frequency

3.110)	vg_fambus	family business	East and West 02/2014	once
Wording of	fauestion			
02/2014				Further Information
D) For researc	ch nurnoses?			
	on yourself as a family business?	eld predominately by one or more families that are connected)		
		in predominately by one of more families that are connected)		



ne 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
3.111)	vg_minim1		minimum wage	q1			East and We	st 11/2014		once
Wording of	question									
11/2014										Further information
11/2014										
	the general minimu any affected by this?		vill be implement	ed.						
is your comp										
	Ŋ	/es[1]		no[2]						
Time span of	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					

	Name		Label				Survey perio	d		Survey frequency
3.112)	vg_minim2		minimum wage o	q2			East and We	st 11/2014		once
Wording of	fquestion									
11/2014										Further information
	ne general minimum	n wage policy will	be implemented							
	iny affected by this?		be implemented							
		yes		no						
				-						
2. If yes: With	which measures wi	ll you likely react	to the minimum	wage?						
2. If yes: With										
2. If yes: With		ll you likely react								-
Time span	of variable	[1] No measures	neccessary or scl	heduled	1005	1000	4007	4000	1000	
					1985	1986	1987	1988	1989	
Time span	of variable	[1] No measures	neccessary or scl	heduled	1985	1986	1987	1988	1989	
Time span	of variable 1981	[1] No measures 1982	neccessary or scl	heduled 1984						
Time span	of variable	[1] No measures	neccessary or scl	heduled	1985	1986	1987	1988	1989	
Time span	of variable 1981	[1] No measures 1982	neccessary or scl	heduled 1984						

	VV ES I		
	EAST		

No.	Name	Label	Survey period	Survey frequency
3.113)	vg_minim3	minimum wage q3	East and West 11/2014	once
Wording of	fquestion			
				Further information
11/2014				

VA/ECT



	general minimum affected by this?	n wage policy will	be implemente	d.					
	nich measures wi	yes Il you likely react	to the minimun						
		[1] personnel cut	ts						
ïme 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 WEST EAST	2015	2016	2017	2018	2019

 No.
 Name
 Label
 Survey period
 Survey frequency

 3.114)
 vg\_minim4
 minimum wage q4
 East and West 11/2014
 once

 Wording of uestion

yes: With w	hich measures wi	ll you likely react	to the minimum	wage?						
		[1] reduction of	working hours							
ne span of	variable									
1980	1981	1982	1983	1984	1005	1986	1987	1988	1989	
1980	1901	1997	1903	1984	1985	1990	1981	1999	1999	l
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
										l
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013		2013	2010	2017	2010	2013	I
				WEST EAST						

No.	Name	Label	Survey period	Survey frequency
3.115)	vg_minim5	minimum wage q5	East and West 11/2014	once
Wordi	ng of question			
				Further information
11/2014				
	015 the general minimum wage poli	cy will be implemented.		
is your c	ompany affected by this?			
	yes	no		
2. If yes:	With which measures will you likely	react to the minimum wage?		
	[1] increas	e in prices		
Time s	pan of 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		

No.	Name		Label				Survey perio	d		Survey frequency
3.116)	vg_minim6		minimum wage	q6			East and We	st 11/2014		once
Wording of	fquestion									
										Further information
11/2014										
	ne general minimum any affected by this?		l be implemented	I.						
	(/////////////////////////////////////		<b>.</b>	3						
		yes		no						
2. If yes: With	which measures wil	ll you likely react	to the minimum	wage?						
		[1] reduction of	invoctmont							
		[1] reduction of	investment							
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	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002 2012	2003 2013	2004 2014	2005 2015	2006 2016	2007 2017	2008	2009 2019	

).	Name		Label				Survey perio	d		Survey frequency	
17)	vg_minim7		minimum wage	q7			East and Wes	st 11/2014		once	
ording of	question										
/2014									1	Further information	
	e general minimum ny affected by this?		l be implemented	l.							
		yes		no							
lf ves: With	which measures wi	-	to the minimum	wage?							
		, ou mery react									
		][4]	charial payments								
		IT IT reduction of	Special payments								
		[1] reduction of	special payments								
		J[1] reduction of	special payments								
me span o	of variable	J[1] reduction of									
	of variable				1985	1986	1987	1988	1989		
me span o 1980		J[1] reduction of	1983	1984	1985	1986	1987	1988	1989		
	of variable				1985	1986	1987	1988	1989		
1980	of variable 1981	1982	1983	1984							
	of variable				1985	1986	1987 1997	1988	1989		
1980	of variable 1981	1982	1983	1984							
1980 1990	of variable 1981 1991	1982	1983	1984	1995	1996	1997	1998	1999		
1980	of variable 1981	1982	1983	1984							
1980 1990	of variable 1981 1991	1982	1983	1984	1995	1996	1997	1998	1999		
1980 1990 2000	of variable 1981 1991 2001	- 1982 1992 2002	1983 1993 2003	1984 1994 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009		
1980 1990	of variable 1981 1991	1982	1983	1984	1995	1996	1997	1998	1999		
1980 1990 2000	of variable 1981 1991 2001	- 1982 1992 2002	1983 1993 2003 2013	1984 1994 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009		

No.	Name	Label	Survey period	Survey frequency
3.118)	vg_minim8	minimum wage q8	East and West 11/2014	once
Wording of	fquestion			
				Further information
11/2014				
01/01/2015 tł	he general minimum wage	policy will be implemented.		
Is your compa	any affected by this?			

		yes		no					
2. If yes: With w	hich measures wi	ill you likely react	to the minimum	wage?					
		][1] other							
Time span or	f variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1900	1901	1902	1905	1904	1985	1900	1307	1900	1909

199	90	1991	1992	1993	1994	1995	1996	1997	1998	1999
200	00	2001	2002	2003	2004	2005	2006	2007	2008	2009
201	10	2011	2012	2013	2014	2015	2016	2017	2018	2019
					WEST EAST					

No.	Name	Label	Survey period	Survey frequency
3.119)	vg_invest_lj	total investment last year	East and West since 05/2015	

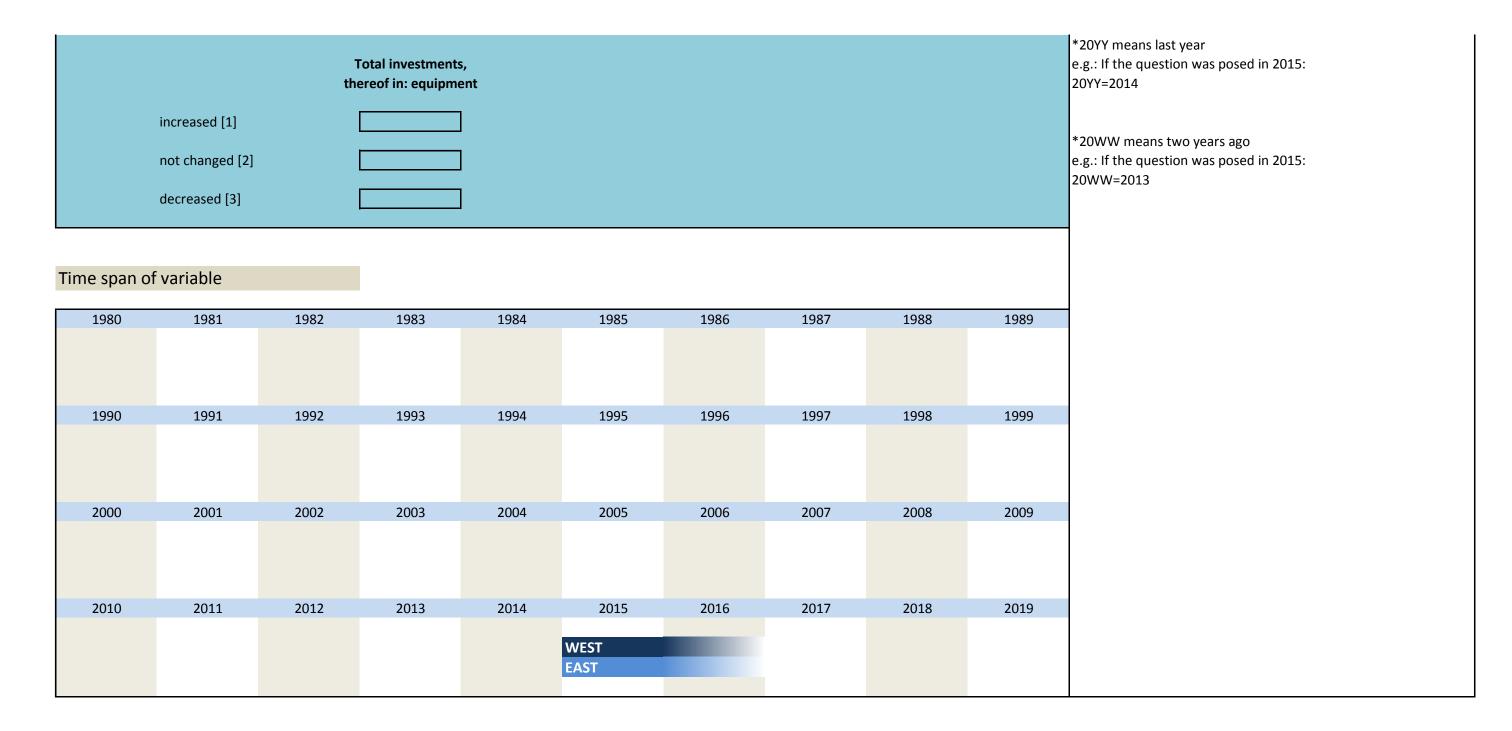
05/2015 <b>Investments</b> 1) Last year (20Y	Y* compared to 2		vestments were Total investments							Further information *20YY means last year e.g.: If the question was posed in 2015:
	increased [1] not changed [2] decreased [3]									20YY=2014 *20WW means two years ago e.g.: If the question was posed in 2015: 20WW=2013
Time span of	variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	

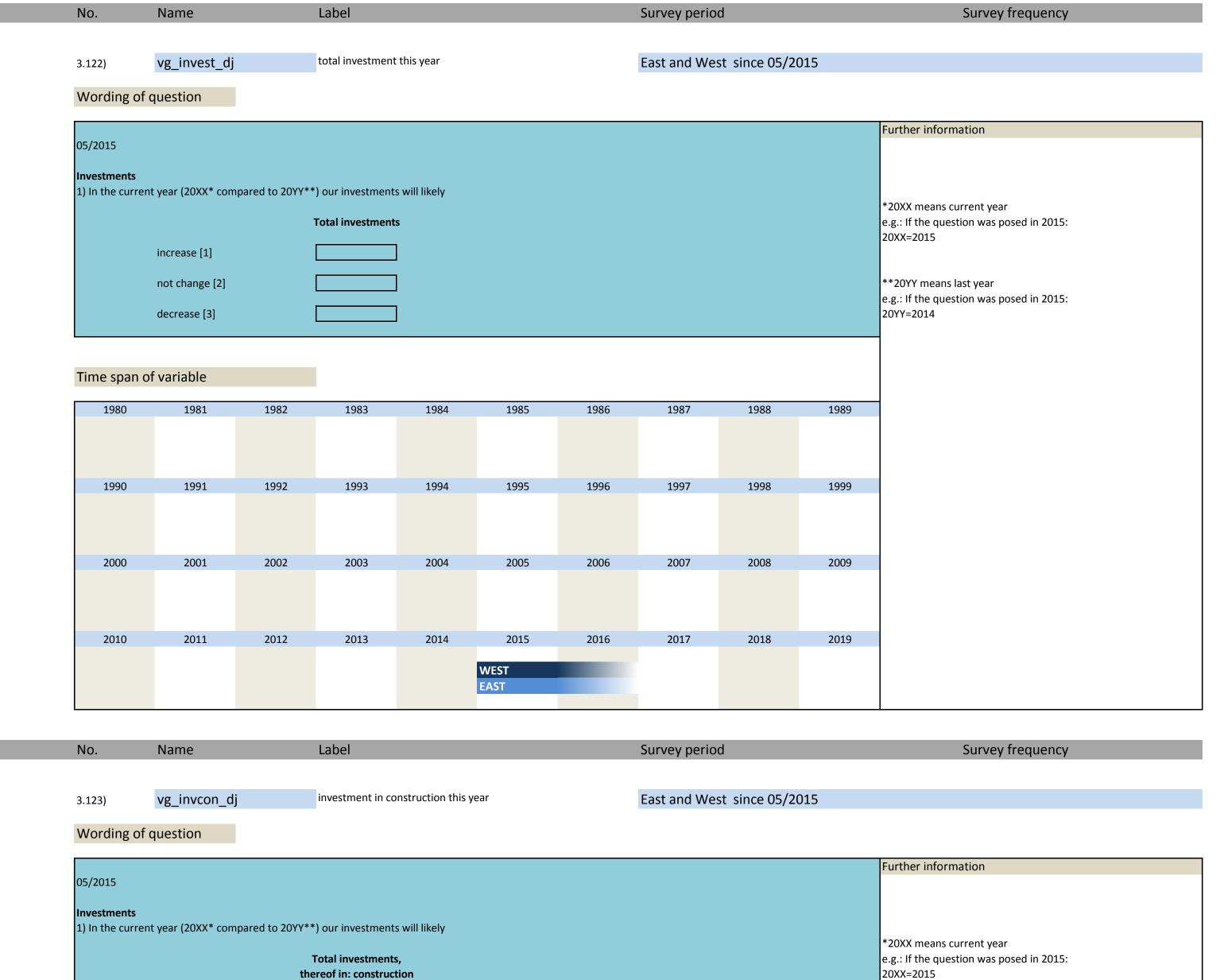
1550	1551	1552	1333	1334	1555	1550	1557	1550	1555
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
					WEST EAST				

	Name		Label				Survey perio	d		Survey frequency
3.120)	vg_invcon_lj		investment in co	nstruction last ye	ear		East and Wes	st since 05/2	015	
Wording o	fquestion									
05/2015										Further information
Investments										
1) Last year (2	20YY* compared to 20									*20YY means last year
			otal investments reof in: construct							e.g.: If the question was posed in 2015: 20YY=2014
	increased [1]	[								
	not changed [2]									*20WW means two years ago e.g.: If the question was posed in 2015:
		•								20WW=2013
	decreased [3]	]								
	decreased [3]	[								
Time span		[								
	of variable	[								
Time span 1980		1982	1983	1984	1985	1986	1987	1988	1989	
	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
	of variable	1982	1983	1984	1985	1986	1987 1997	1988	1989	
1980	of variable 1981									
1980	of variable 1981									
1980	of variable 1981									
1980 1990	of variable	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	of variable 1981	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 1990	of variable	1992	1993	1994 2004 2014	1995	1996	1997	1998	1999	

No.	Name	Label	Survey period	Survey frequency
3.121)	vg_inveq_lj	investment in equipment last year	East and West since 05/2015	
		-		
Wording of c	question			
				Further information
05/2015				
Investments				

1) Last year (20YY\* compared to 20WW\*\*) our investments were





\*\*20YY means last yeare.g.: If the question was posed in 2015:20YY=2014

Time span of variable

increase [1]

not change [2]

decrease [3]

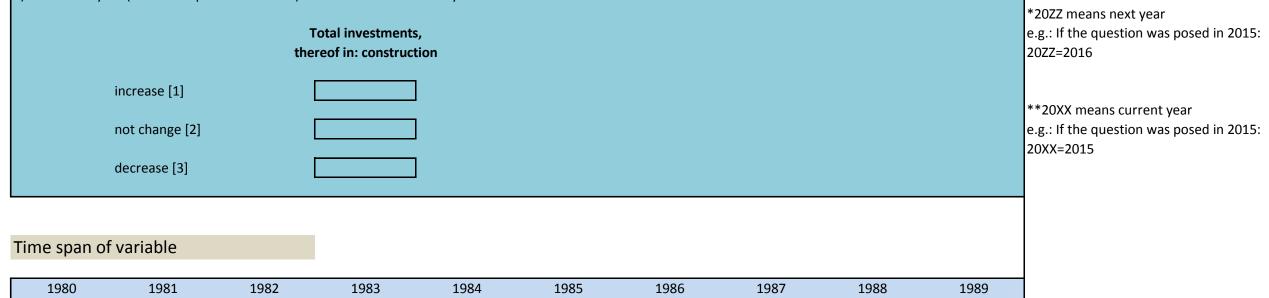
 1980
 1981
 1982
 1983
 1984
 1985
 1986
 1987
 1988
 1989

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	u		Survey frequency
3.124)	vg_inveq_dj		investment in e	quipment this ye	ear		East and Wes	st since 05/2	015	
Wording of	question									
05/2015										Further information
Investments										
	nt year (20XX* com	pared to 20YY*	**) our investment	ts will likely						*20XX means current year
			Total investment hereof in: equipm							e.g.: If the question was posed in 2015: 20XX=2015
	increase [1]			]						
	not change [2]			]						**20YY means last year e.g.: If the question was posed in 2015:
	decrease [3]			]						20YY=2014
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	
2000	2001	2002	2005	2004	2003	2000	2007	2006	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013	2014	2015 WEST EAST	2016	2017	2018	2019	
2010	2011	2012	2013	2014	WEST	2016	2017	2018	2019	
2010 No.	2011 Name	2012	2013 Label	2014	WEST	2016	2017 Survey period		2019	Survey frequency
No.	Name				WEST	2016	Survey period	d		Survey frequency
No. 3.125)	Name vg_invest_nj		Label		WEST	2016		d		Survey frequency
No.	Name vg_invest_nj		Label		WEST	2016	Survey period	d		Survey frequency Further information
No. 3.125) Wording of 11/2015	Name vg_invest_nj		Label		WEST	2016	Survey period	d		
No. 3.125) Wording of 11/2015 Investments	Name vg_invest_nj		Label total investment	t next year	WEST	2016	Survey period	d		Further information
No. 3.125) Wording of 11/2015 Investments	Name vg_invest_nj	red to 20XX**) (	Label total investment	t next year	WEST	2016	Survey period	d		Further information *20ZZ means next year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments	Name vg_invest_nj	red to 20XX**) (	Label total investments w	t next year	WEST	2016	Survey period	d		Further information *20ZZ means next year
No. 3.125) Wording of 11/2015 Investments	Name vg_invest_nj	red to 20XX**) (	Label total investments w	t next year	WEST	2016	Survey period	d		Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year
No. 3.125) Wording of 11/2015 Investments	Name vg_invest_nj question year (20ZZ* compar increase [1]	red to 20XX**) (	Label total investments w	t next year	WEST	2016	Survey period	d		Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016
No. 3.125) Wording of 11/2015 Investments 1) In the next y	Name vg_invest_nj vg_invest_nj question  vear (20ZZ* compar increase [1] not change [2] decrease [3]	red to 20XX**) (	Label total investments w	t next year	WEST	2016	Survey period	d		Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y Time span of	Name vg_invest_nj vg_invest_nj  question  (20ZZ* compar increase [1] not change [2] decrease [3]	red to 20XX**) (	Label total investments w Total investments	t next year vill likely ts ] ] ]			Survey period	d st since 11/2	015	Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y	Name vg_invest_nj vg_invest_nj question  vear (20ZZ* compar increase [1] not change [2] decrease [3]	red to 20XX**) (	Label total investments w	t next year	WEST	2016	Survey period	d		Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y Time span of	Name vg_invest_nj vg_invest_nj  question  (20ZZ* compar increase [1] not change [2] decrease [3]	red to 20XX**) (	Label total investments w Total investments	t next year vill likely ts ] ] ]			Survey period	d st since 11/2	015	Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y Time span of	Name vg_invest_nj vg_invest_nj  question  (20ZZ* compar increase [1] not change [2] decrease [3]	red to 20XX**) (	Label total investments w Total investments	t next year vill likely ts ] ] ]			Survey period	d st since 11/2	015	Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y Time span of 1980	Name vg_invest_nj vg_invest_nj  question  increase [1] not change [2] decrease [3]  of variable 1981	red to 20XX**) (	Label total investments w Total investments	t next year vill likely ts ] ] 1984		1986	Survey period East and Wes 1987	d st since 11/2 1988	015	Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y Time span of 1980 1990	Name Vg_invest_nj Vg_invest_nj  question increase [1] not change [2] decrease [3]	red to 20XX**) of 1982	Label total investments w Total investments Investment	t next year vill likely ts 1984 1994	WEST EAST	1986	Survey period East and Wes 1987	d st since 11/2 1988 1998	015	Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y Time span of 1980	Name vg_invest_nj vg_invest_nj  question  increase [1] not change [2] decrease [3]  of variable 1981	red to 20XX**) (	Label total investments w Total investments	t next year vill likely ts ] ] 1984		1986	Survey period East and Wes 1987	d st since 11/2 1988	015	Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y Time span of 1980 1990	Name Vg_invest_nj Vg_invest_nj  question increase [1] not change [2] decrease [3]	red to 20XX**) of 1982	Label total investments w Total investments Investment	t next year vill likely ts 1984 1994	WEST EAST	1986	Survey period East and Wes 1987	d st since 11/2 1988 1998	015	Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:
No. 3.125) Wording of 11/2015 Investments 1) In the next y Time span of 1980 1990	Name Vg_invest_nj Vg_invest_nj  question increase [1] not change [2] decrease [3]	red to 20XX**) of 1982	Label total investments w Total investments Investment	t next year vill likely ts 1984 1994	WEST EAST	1986	Survey period East and Wes 1987	d st since 11/2 1988 1998	015	Further information *20ZZ means next year e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year e.g.: If the question was posed in 2015:

No. Label Survey period Name Survey frequency vg\_invcon\_nj investment in construction next year East and West since 11/2015 3.126) Wording of question Further information 11/2015 Investments 1) In the next year (20ZZ\* compared to 20XX\*\*) our investments will likely



\*\*20XX means current year e.g.: If the question was posed in 2015:

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
3.127)	vg_inveq_nj	investment in equipment next year	East and West since 11/2015	
Wording	of question			
				Further information
11/2015				
Investment				
		OXX**) our investments will likely		*20ZZ means next year
		Total investments,		*20ZZ means next year e.g.: If the question was posed in 2015:
		Total investments,		e.g.: If the question was posed in 2015: 20ZZ=2016
	ext year (20ZZ* compared to 2	Total investments,		e.g.: If the question was posed in 2015:
	ext year (20ZZ* compared to 2 increase [1]	Total investments,		e.g.: If the question was posed in 2015: 20ZZ=2016 **20XX means current year

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	Survey period	Survey frequency
3.128)	vg_ref1	refugees question 1	East and West 10/2015	once
Wording of	question			

Further Information 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [2] large [1] small trainees Time span of variable WEST EAST

No. Name
----------

Label

Time span of variable

Survey period

3.129)	vg_ref2	refugees question 2		East and West 10/2015	once
Wording of q	question				
					Further Information
10/2015					
1. How large do	you assess the potential of asylu	m seekers to be employed in the	following positions?		
		[1] small	[2] large		
	unskilled aid workers				

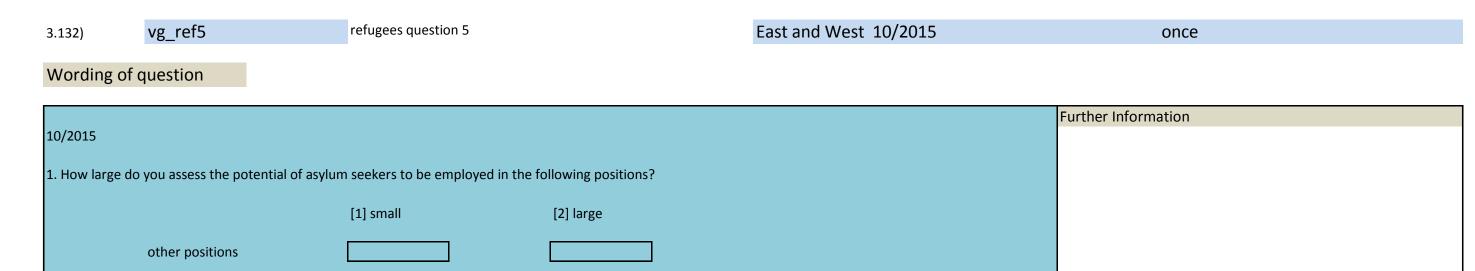


1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016      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

No.	Name		Label				Survey perio	d		Survey frequency
3.130)	vg_ref3		refugees questic	in 3			East and We	st 10/2015		once
Wording o	f question									
10/2015									F	urther Information
1. How large	do you assess the pc	otential of asylu	n seekers to be en	nployed in the	following positions?					
			[1] small		[2] large					
	skilled workers									
			_							
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000	4004	4000	4000	1004	4005	4000	1007	4000	1000	

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
3.131)	vg_ref4		refugees questio	n 4			East and Wes	st 10/2015		once
Wording of q	uestion									
										Further Information
10/2015										
1. How large do	you assess the po	tential of asylum	n seekers to be en	nployed in the fo	llowing positions?					
			[1] small		[2] large					
	leading positions									
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	2012	2015			2010	2017	2010	2015	
					WEST EAST					



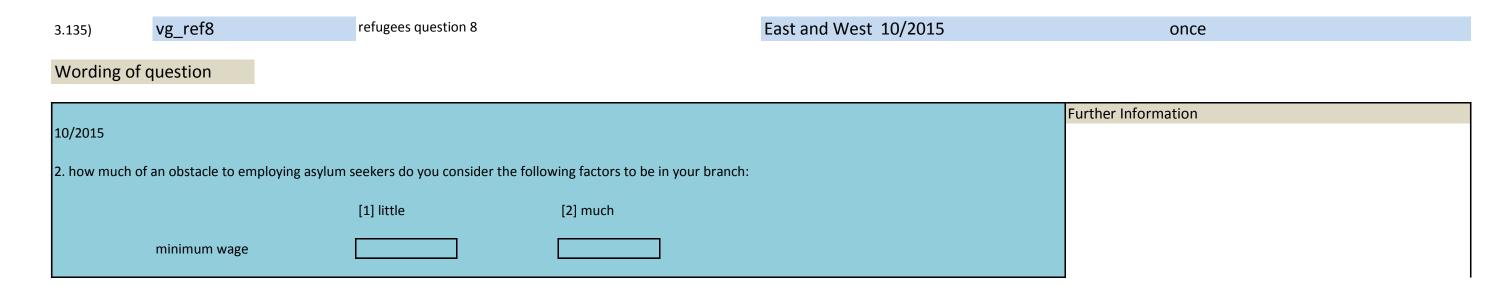


1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
					WEST				
					EAST				

No.	Name		Label				Survey perio	d		Survey frequency
3.133)	vg_ref6		refugees questio	n 6			East and We	st 10/2015		once
Wording o	fquestion									
										Further Information
10/2015										
2. how much	of an obstacle to emp	oloying asylum	seekers do you co	nsider the follo	owing factors to be in	n your branch:				
			[1] little		[2] much					
	labor law-related	provisions								
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
	(7						<b>E</b> ( 1)4(			
3.134)	vg_ref7		refugees question	on 7			East and We	st 10/2015		once
Wording of	question									
										Further Information
10/2015										
2. how much of	f an obstacle to en	nploying asylum s	seekers do you co	onsider the follow	ving factors to be	e in your branch:				
				[1] little		[2] much				
	unfit level of qua	alification			]		]			
										-
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					





ime 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
3.136)	vg_ref9		refugees question	on 9			East and We	st 10/2015		once
Wording of	fauestion									
Wording of	question									
10/2015										Further Information
	<b>6 1 1 1 1</b>									
2. how much o	of an obstacle to en	nploying asylum	seekers do you co	onsider the follow	wing factors to be	in your branch:				
			[1] little		[2] much					
	lack of language	skills		]		]				
										-
	-									
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
3.137)	vg_minim_post1	affected by minimum wage	East and West 03/2016	once

03/2016									
01.01.2015 the v	niversal minimun	n wage was imp	lemented. Is your	company affecte	ed by this regula	tion?			
			[1] yes		[2] no				
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

East and	West	03/2016	
----------	------	---------	--

## Wording of question

	Further information
03/2016	
01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation? <b>If yes,</b> What measures did you utilize?	
none [1]	



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	2010	2011	2010		2017	2010	2013
						WEST			
						EAST			

3.139) Wording of 03/2016 01.01.2015 the
Wording of
03/2016
01 01 2015 the
<b>If yes,</b> What measure
Time span o
1980

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
3.140)	vg_minim_post4	measures: working hour reduction	East and West 03/2016	once

3/2016										Further information
yes,	niversal minimun did you utilize?					tion?				
		working hour rec	luction		[1]					
me 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

## Wording of question

	Further information
03/2016	
01.01.2015 the universal minimum upper upper implemented levery company offerted by this regulation?	
01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation?	
If yes,	
What measures did you utilize?	
increased prices [1]	



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
3.142)	vg_minim_pc	ost6	measures: decre	eased investment			East and We	st 03/2016		once
Wording of	question									
worung or	question									
03/2016										Further information
01.01.2015 the <b>If yes,</b>	universal minimum	n wage was imp	lemented. Is your	company affecte	ed by this regulati	ion?				
	s did you utilize?									
		decreased inves	tment		[1]					
					][+]					
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1900	1501	1502	1905	1501	1905	1900	1907	1900	1909	

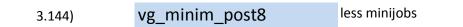
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2044	2012	2012	2014	2015	2016	2017	2010	2010
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						WEST EAST			

No.	Name	Label	Survey period	Survey frequency
3.143)	vg_minim_post7	measures: decreased special payments	East and West 03/2016	once

3/2016										Further information
<b>res,</b> nat measures c	niversal minimum lid you utilize? decresed special	n wage was imple payments	emented. Is your		d by this regula [1]	tion?				
me 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 WEST EAST	2017	2018	2019	

No.	Name	
-----	------	--

Survey period



Label

## Wording of question

		Further information	
03/2016			
01.01.2015 the universal minimum wage was implement	ted. Is your company affected by this regulation?		
Has there been a change in employment in your compa	ny?		
less minijobs	[1]		



ime 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
3.145)	vg_minim_post9	minijobs transformed into insurable employment	East and West 03/2016	once
Wording of	question			

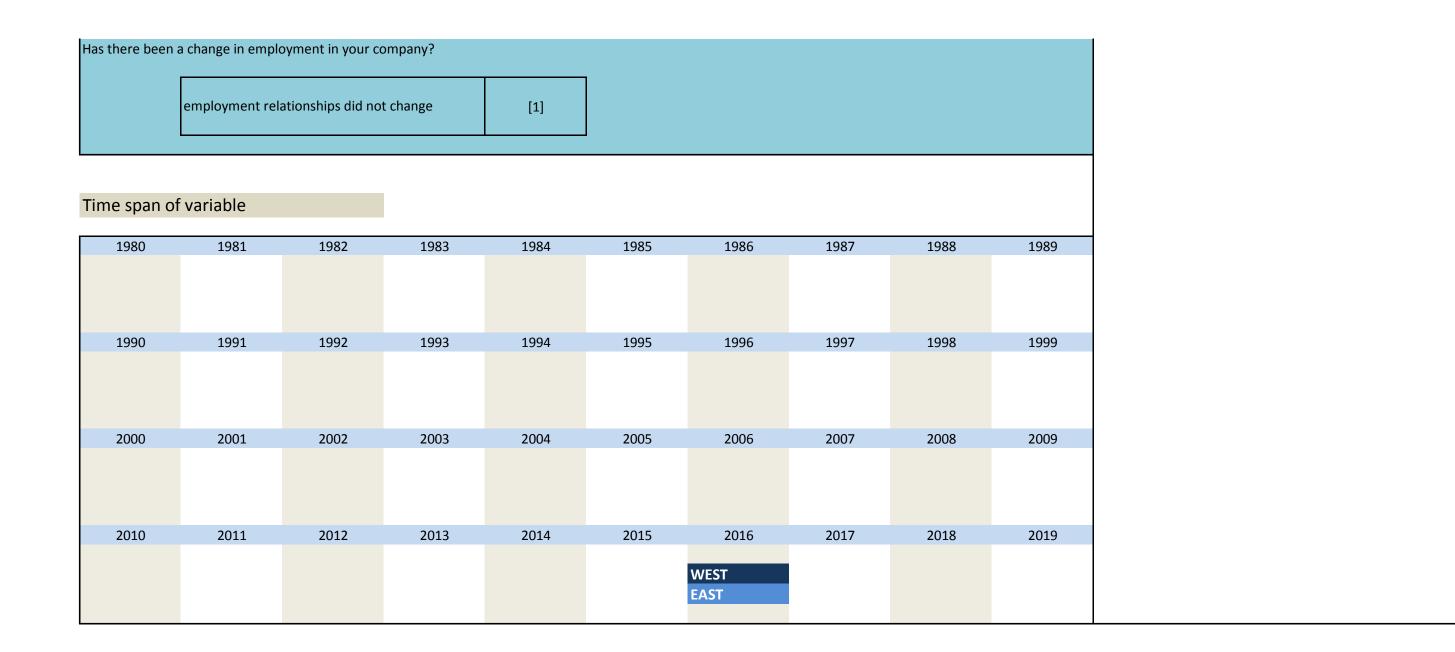
03/2016									
01.01.2015 the ເ	universal minimur	n wage was imple	emented. Is your	company affecte	d by this regulation	on?			
Has there been a	a change in emplo	oyment in your co	ompany?						
	minijobs were tr employment	ansformed into ir	nsurable	[1]					
Time span of	fvariable								
1980	1981	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
3.146)	vg_minim_post10	new insurable employment	East and West 03/2016	once

3/2016										Further information
l.01.2015 the ι	universal minimun	n wage was imple	emented. Is your	company affecte	d by this regula	tion?				
s there been a	a change in emplo	yment in your co	ompany?							
	new insurable en	nployment was g	enerated	[1]						
ne 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	
1000										
2010	2011	2012	2013	2014	2015	2016 WEST	2017	2018	2019	
						EAST				

No.	Name	Label	Survey period	Survey frequency
3.147)	vg_minim_post11	employment relationships did not change	East and West 03/2016	once
Wording	of quartian			
woruing (	of question			
				Further information
03/2016				
01.01.2015 t	he universal minimum wage was	implemented. Is your company affected by this regulation?		



	Name		Label				Survey perio	d		Survey frequency
3.148)	vg_credityes		credit agreemen	t signed			East and Wes	st 06/2016		once
Wording o	fquestion									
06/2016										Further information
	ed one or more cred dits, debt restructurir				ns?					
Yes:										
	[	[2] amount as ex	conditions as expo pected, worse co expected, lower	onditions						
			t and worse cond		cted		j			
Time span	of variable									
Time span	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982 1992	1983 1993	1984 1994	1985 1995	1986	1987 1997	1988 1998	1989 1999	
1980	1981									
1980 1990	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981									
1980 1990 2000	1981 1991 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 1990	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	

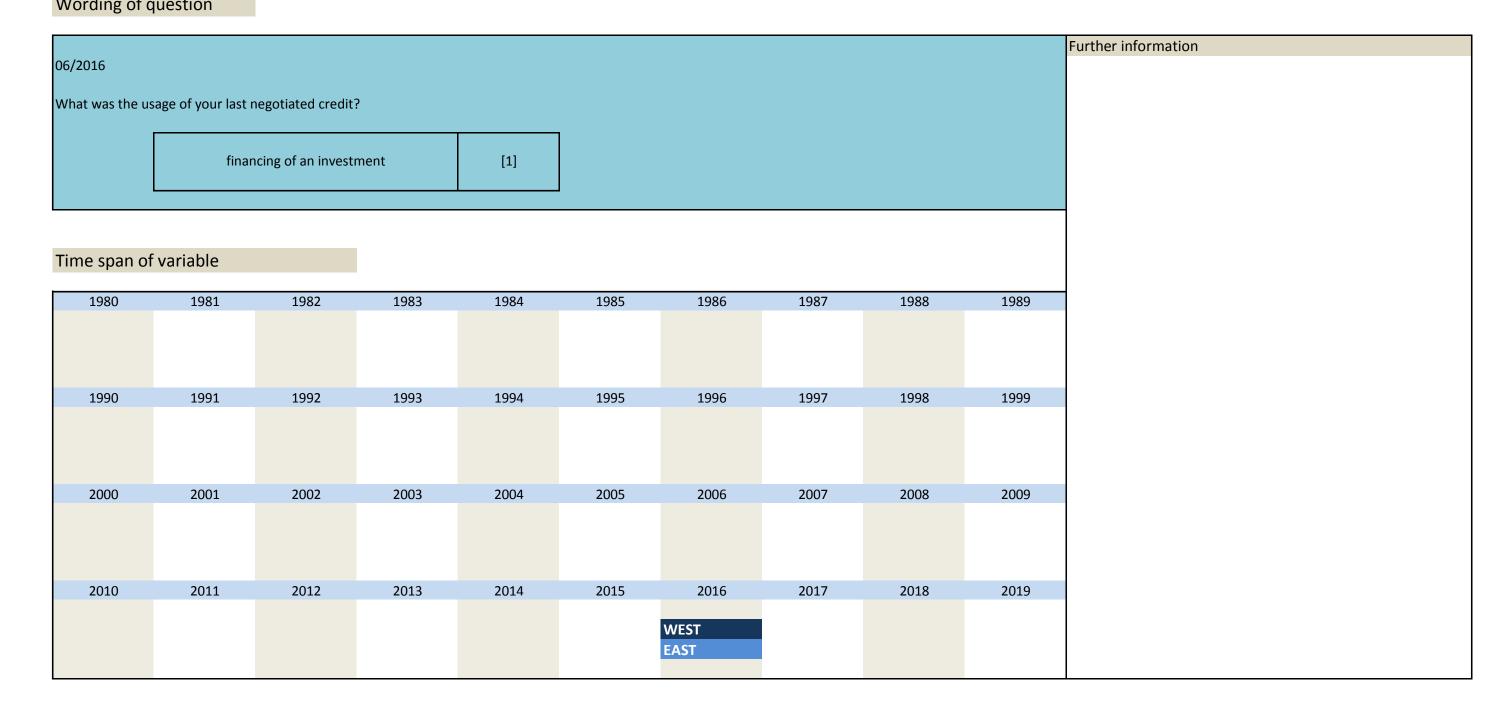
No.	Name	Label	Survey period	Survey frequency
3.149)	vg_creditno	credit agreement not signed	East and West 06/2016	once
Wording of a	question			

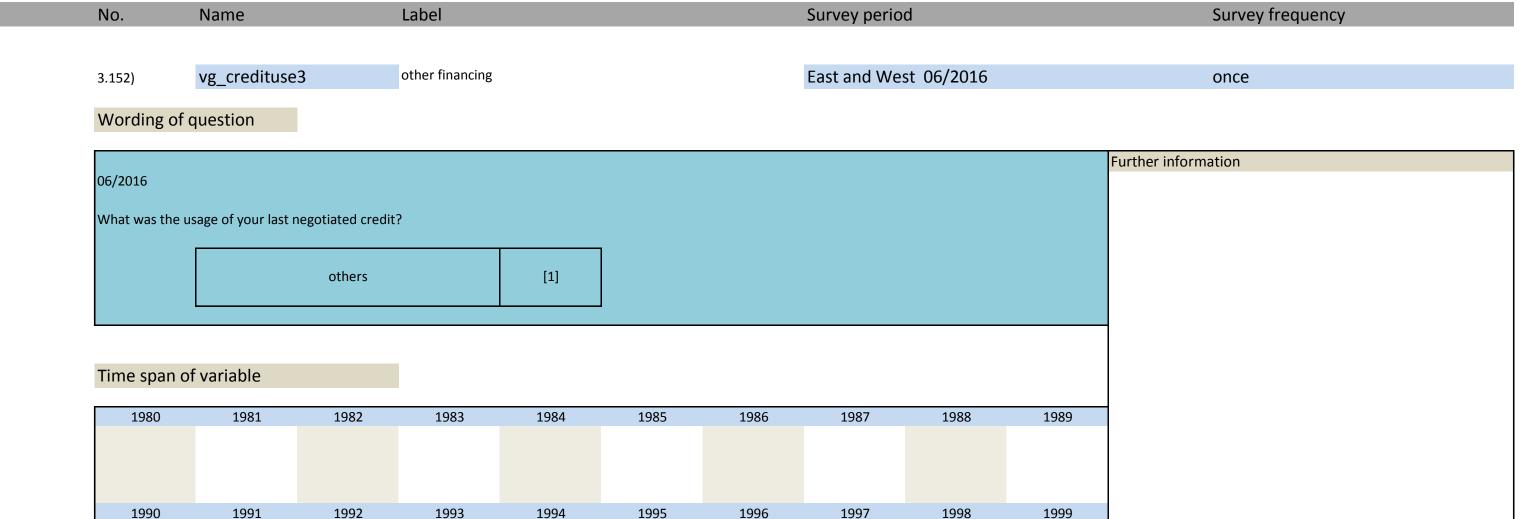
/2016										Further information
		edit agreements wi ring or prolungatio			ns?					
, because:	s, debt lesti deta			orcreaty						
Secause.		[1] no nood								
		[1] no need [2] unacceptable	terms							
		[3] denied by bar								
		[4] no realistic pr		-						
ie span of	f variable									
ne span of 1980	f variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
ne span of 1980		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
3.150)	vg_credituse	1	financing of ong	oing operating re	sources		East and We	st 06/2016		once
Wording of	of question									
06/2016										Further information
What was th	e usage of your last ı	negotiated credit	?							
	financing of	ongoing operatir	ng resources	[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	

No.	Name	Label	Survey period	Survey frequency
3.151)	vg_credituse2	financing of an investment	East and West 06/2016	once
Wording of	nuestion			





1990	1991	1992	1993	1994	1992	1990	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 peri	od		Survey frequency
4.1) Wording	vg_market	_national_1		development in next 5 year	of national ma s	rkets	West 12/19	81 - 12/19	82	annual
vorung										Further information
1981 & 198	32									
Innovation	S									
	ion the market fo ical fluctuations	or XY is [] in th	ie medium ter	rm (about 5 ye	ars) therefor ur	nder eliminatio	on of			
				domestic						
			growing		[1]					
					_					
			stagnating		[2]					
					-					
			stagnating shrinking		[[2] ][3]					
					-					
Time spa	an of variable				-					
Time spa 1980	an of variable	1982			-	1986	1987	1988	1989	
			shrinking		][3]	1986	1987	1988	1989	
1980	1981 WEST	1982	shrinking 1983	1984	 [3] 1985					
	1981		shrinking		][3]	1986	1987 1997	1988	1989	
1980	1981 WEST	1982	shrinking 1983	1984	 [3] 1985					
1980	1981 WEST	1982	shrinking 1983	1984	 [3] 1985					
1980	1981 WEST 1991	1982	shrinking 1983 1993	1984	[3] 1985 1995	1996	1997	1998	1999	
1980	1981 WEST 1991	1982	shrinking 1983 1993	1984	[3] 1985 1995	1996	1997	1998	1999	
1980	1981 WEST 1991	1982	shrinking 1983 1993	1984	[3] 1985 1995	1996	1997	1998	1999	

No.	Name	Label		Survey period	Survey frequency
4.2)	vg_market_nati	onal_2	development of national markets		annual
			in next 5 years	East since 12/1991	annual
Mording	of quartian				
wording	of question				
					Further information
since 1983					
Innovations					
In our opinie	on the market for XY is	[] in the medium te	rm (about 5 years) therefor under	elimination of	
	al fluctuations		, , ,		
			domestic		
	:	significantly growing	[1]		
		growing	[2]		
		stagnatio			
		stagnating	[3]		
		shrinking	[4]		
	si	gnificantly shrinking	[5]		
			· (*)		
Time spa	n of variable				
1980	1981 1	982 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				Survey peri	od		Survey frequency
4.3)	vg_market_	abroad 1	developme	ent of foreign marl	kets	West 12/19	981 - 12/1982	,	annual
4.5)	vs_market_		in next 5 ye		Rets	West 12/15	101 12/1902	-	
Wording	of question		in ficke 5 y	curs					
								Fi	urther information
1981 & 1982	2								
Innovations									
		XY is [] in the medi	um term (about 5	years) therefor ur	nder eliminati	on of			
purely cyclic	al fluctuations								
			abroad						
			abroau						
		gro	owing	[1]					
		stagr	nating	[2]					
		shr	inking	[3]					
		3111							
Time a sea an	f wie ble								
Time spar	n of variable								
1980	1981	1982 198	83 1984	1985	1986	1987	1988	1989	
	WEST								

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

vg_market_abroad_2 of question	2	development of foreign markets in next 5 years	West since 12/1983	annual
	2			annual
fquestion		in next 5 years		
fquestion			East since 12/1991	annual
i question				
•				
				Further information
n the market for XY is [] in t I fluctuations	the medium te	rm (about 5 years) therefor under elimin	ation of	
		abroad		
signific	cantly growing	g[1]		
	shrinking	g[4]		
	I fluctuations	ا fluctuations significantly growing growing stagnating	I fluctuations abroad significantly growing [1] growing [2] stagnating [3]	abroad significantly growing [1] growing [2] stagnating [3]

		significa	ntly shrinking		[5]				
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		2002	2002	2004	2005	2005	2007	2000	2000
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
WEST EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	2011	2012	2013	2014	2013	2010	2017	2018	2015
WEST EAST									

	No.	Name	Label		Survey period	Survey frequency
4	4.5)	vg_market_total_1		development of markets in general	West 12/1981 - 12/1982	annual
				in next 5 years		
1	Wording of	fquestion				
Г						Further information
	1981 & 1982					
-	Innovations					
			he medium ter	m (about 5 years) therefor under eliminat	ion of	
ł	purely cyclical	fluctuations				
				total		
			growing	[1]		
			stagnating	[2]		

			shrinking		[3]				
me span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	WEST								
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

No.	Name	Label		Survey period	Survey frequency
4.6)	vg_market_total_2		development of markets in general	West since 12/1983	annual
			in next 5 years	East since 12/1991	annual
Wording o	fquestion				
since 1983					Further information
Innovations					

	the market fo fluctuations	or XY is [] in t							
				total					
		significa	antly growing		[1]				
			growing		[2]				
			stagnating		[3]				
			shrinking		[4]				
		significa	ntly shrinking		[5]				
ne span o	of variable								
ime span o 1980	of variable 1981	1982	1983 WEST	1984	1985	1986	1987	1988	1989
		1982	1983 WEST	1984	1985	1986	1987	1988	1989
		1982		1984 1994	1985	1986	1987	1988	1989 1999
1980 1990 /EST	1981 1991	1982	WEST						
1980 1990 VEST	1981 1991 EAST	1982	WEST 1993	1994	1995	1996	1997	1998	1999
1980 1990 VEST 2000	1981 1991	1982	WEST						
1980 1990 /EST 2000 /EST	1981 1991 EAST	1982	WEST 1993	1994	1995	1996	1997	1998	1999
1980 1990 VEST	1981 1991 EAST	1982	WEST 1993	1994	1995	1996	1997	1998	1999
1980 1990 VEST 2000 VEST AST	1981 1991 EAST 2001	1982 1992 2002	WEST 1993 2003	1994	1995	1996	1997	1998	1999 2009

No.	Name	Label		Survey period	Survey frequency
4.7)	vg_prod_inno_	_realized	product innovation realized this year	West since 12/1981 East since 12/1991	annual annual
					annuar

in ee 1001										Further information
since 1981										
nnovations										*20XX refers to the current year
n 19XX/20XX	۲* in the [] inn	ovations have	e been [] by u	5						e.g.: If the question was posed in 2005: 20XX=2005
product field	I									
			[1] realized							
ime span	ofvariable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
	WEST									
1990	WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
		1992	1993	1994	1995	1996	1997	1998	1999	
		1992	1993	1994	1995	1996	1997	1998	1999	
	1991	1992 2002	1993 2003	1994	1995	1996	1997 2007	1998	1999 2009	
VEST 2000	1991 EAST			-						
VEST	1991 EAST			-						
2000 VEST AST	1991 EAST 2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000 VEST	1991 EAST			-						

No.	Name	Label		Survey period	Survey frequency
4.8)	vg_prod_inno_aborte	ed	product innovation aborted this year	West since 12/1981	annual

East since 12/1991

annual

# Wording of question

										Further information
since 1981										
Innovations										*20XX refers to the current year
	·*· F ]·									e.g.: If the question was posed in 2005:
In 19XX/20XX	(* in the [] inn	iovations have	20XX=2005							
product field										
			[1] aborted							
	c									
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	
WEST										
EAST										

No.	Name	Label		Survey period	Survey frequency
4.9)	vg_prod_inno_plan_c	completed	product innovation planning	West since 12/1981	annual
			completed this year	East since 12/1991	annual
Wording of	f question				

										Further information
ince 1981										
nnovations										*20XX refers to the current year
n 19XX/20X)	X* in the [] inn	ovations have	heen [] hy u	c						e.g.: If the question was posed in 2005: 20XX=2005
			been [] by u	3						20///-2005
product field	ł									
			[1] planning	completed						
	· · · · · · · · · · · · · · · · · · ·			·						
										-
Fime span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	-
1000										
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
NEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2005	2000	2007	2000	2005	
WEST										
AST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
NEST										
EAST										

No.	Name La	abel	Survey period	Survey frequency
4.10)	vg_prod_inno_in_plann	ning product innovation still in planning stage this year	West since 12/1981 East since 12/1991	annual annual

										Further information
since 1981										
Innovations			*20XX refers to the current year							
			e.g.: If the question was posed in 2005:							
In 19XX/20X	X* in the [] ini	novations have	20XX=2005							
product field	ł									
			[1] still in pla	nning stage						
<b>T</b> :										
Time spar	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	_									
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
MECT										
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 period	Survey frequency
4.11)	vg_prod_inno_np		product innovation not planned	West since 12/1981	annual
			this year	East since 12/1991	annual

### Wording of question

	Further information
since 1981	

Innovations										*20XX refers to the current year e.g.: If the question was posed in 2005:
In 19XX/20XX	* in the [] inn	ovations have	20XX=2005							
product field										
	[		[1] not plann	ed						
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	
WEST										
EAST										

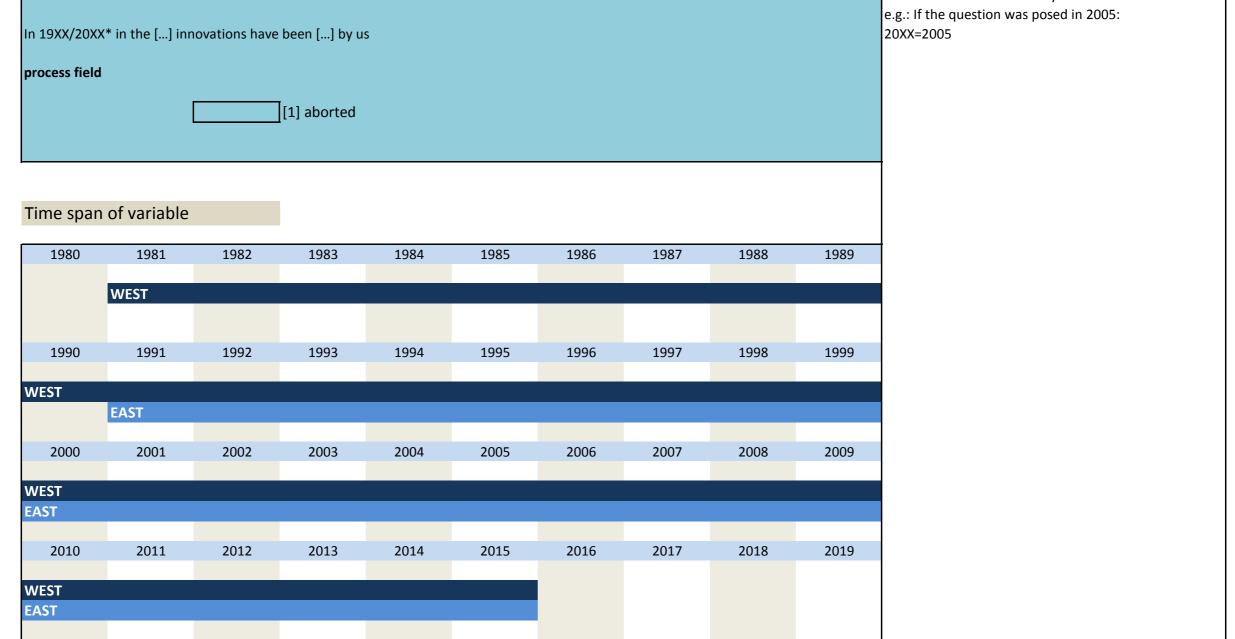
No.	Name	Label		Survey period	Survey frequency
4.12)	vg_process_inno_rea	lized	process innovation realized this	West since 12/1981	annual
			year	East since 12/1991	annual

										Further information
since 1981										
Innovations										*20XX refers to the current year
			e.g.: If the question was posed in 2005:							
In 19XX/20X	X* in the [] ini	novations have	20XX=2005							
process field	d									
			[1] realized							
Time sna	n of variable									
Time spar										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
	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	2012	2014	2015	2016	2017	2019	2010	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name	Label		Survey period	Survey frequency
4.13)	vg_process_inno_abo	orted	process innovation aborted this year	West since 12/1981	annual
				East since 12/1991	annual

# Wording of question

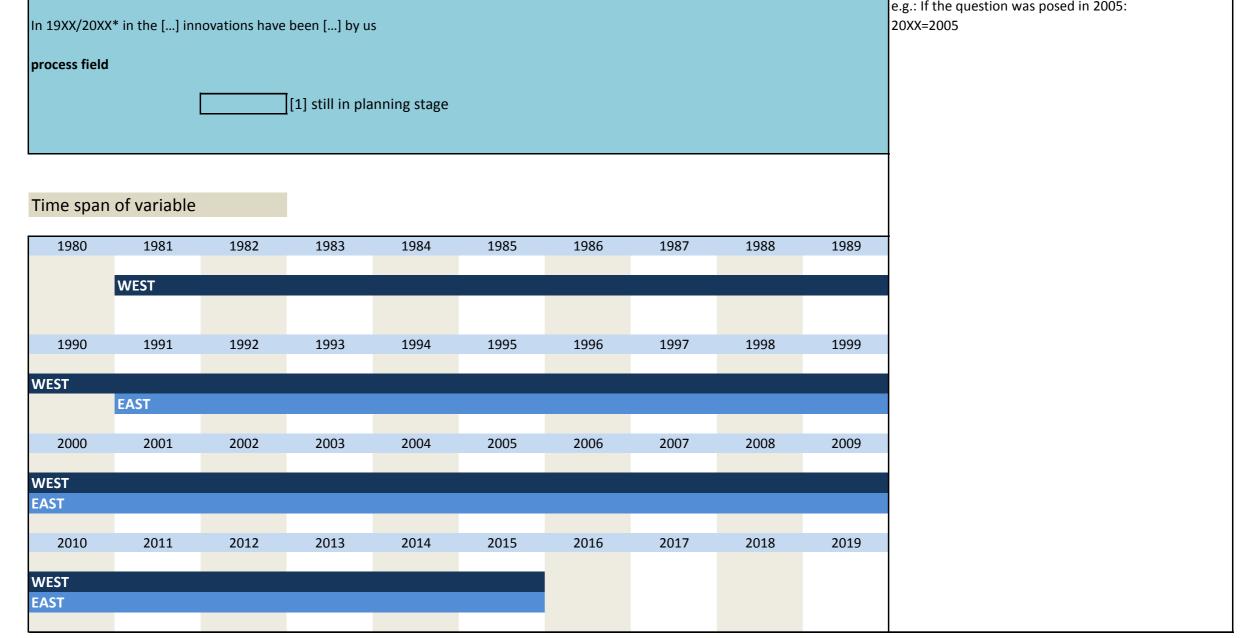
	Further information
since 1981	
Innovations	*20XX refers to the current year



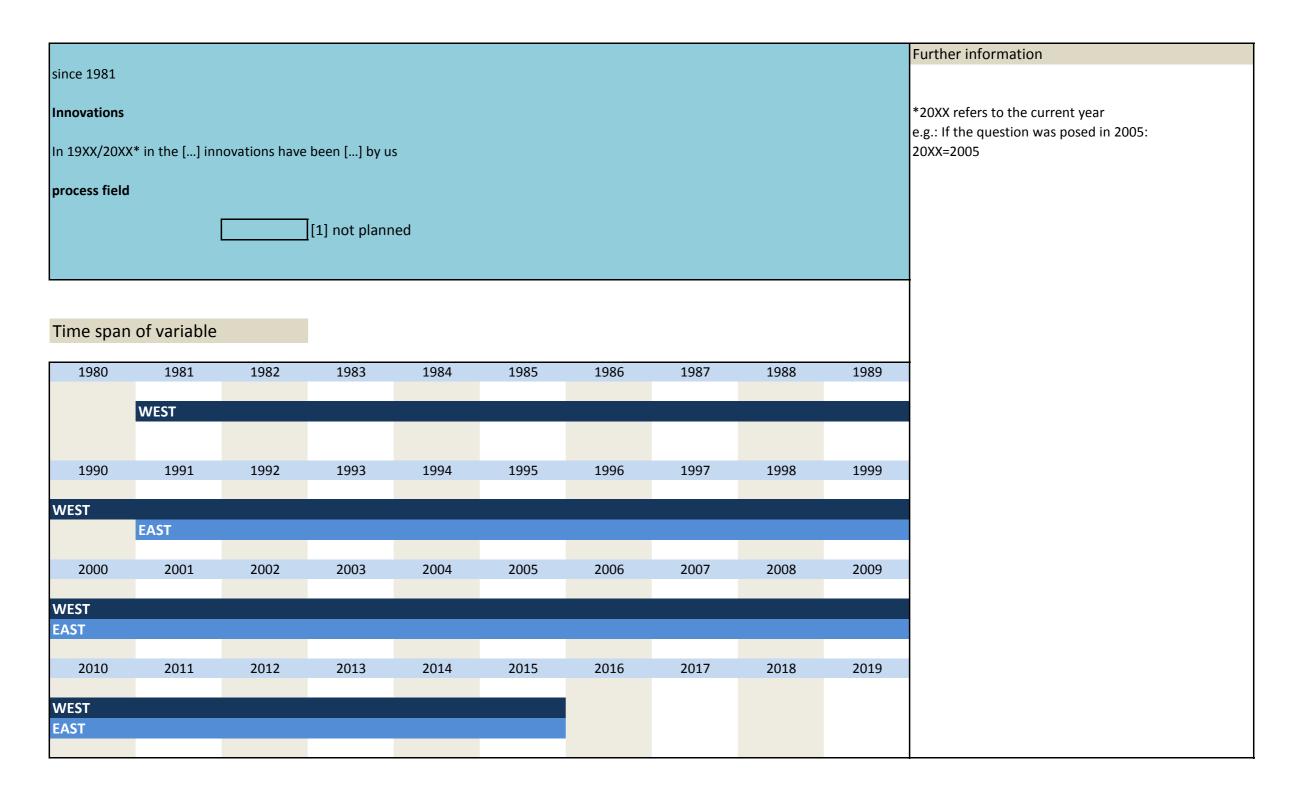
No.	Name	Label	Survey period	Survey frequency
4.14)	vg_process_inno_pl	an_complete process innovation planning	West since 12/1981	annual
		completed this year	East since 12/1991	annual
Wording	g of question			

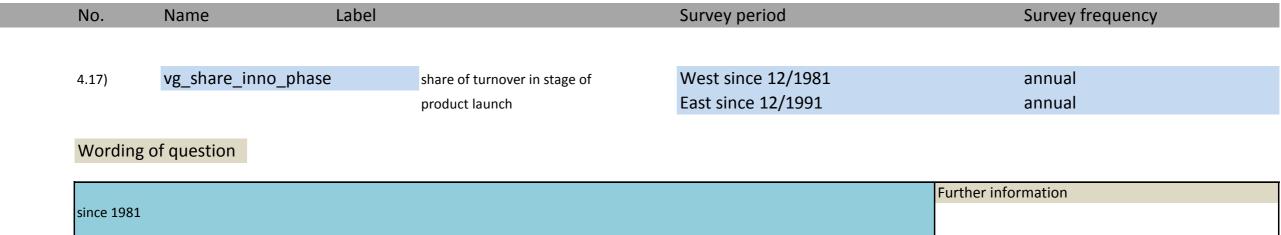
										Further information
since 1981										
Innovations										
In 19XX/20X	X* in the [] inr	novations have	*20XX refers to the current year e.g.: If the question was posed in 2005:							
			20XX=2005							
process field	l									
Time spar	of variable									
Time spar										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST	_									
WEST	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2005	2000	2007	2008	2005	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name	Label		Survey period	Survey frequency
4.15)	vg_process_inno_in_	planning	process innovation still in planning	West since 12/1981	annual
			stage this year	East since 12/1991	annual
Wording o	fquestion				
					Further information
since 1981					
Innovations					*20XX refers to the current year



No.	Name	Label		Survey period	Survey frequency
4.16)	vg_process_inno_n	p	process innovation not planned	West since 12/1981	annual
			this year	East since 12/1991	annual

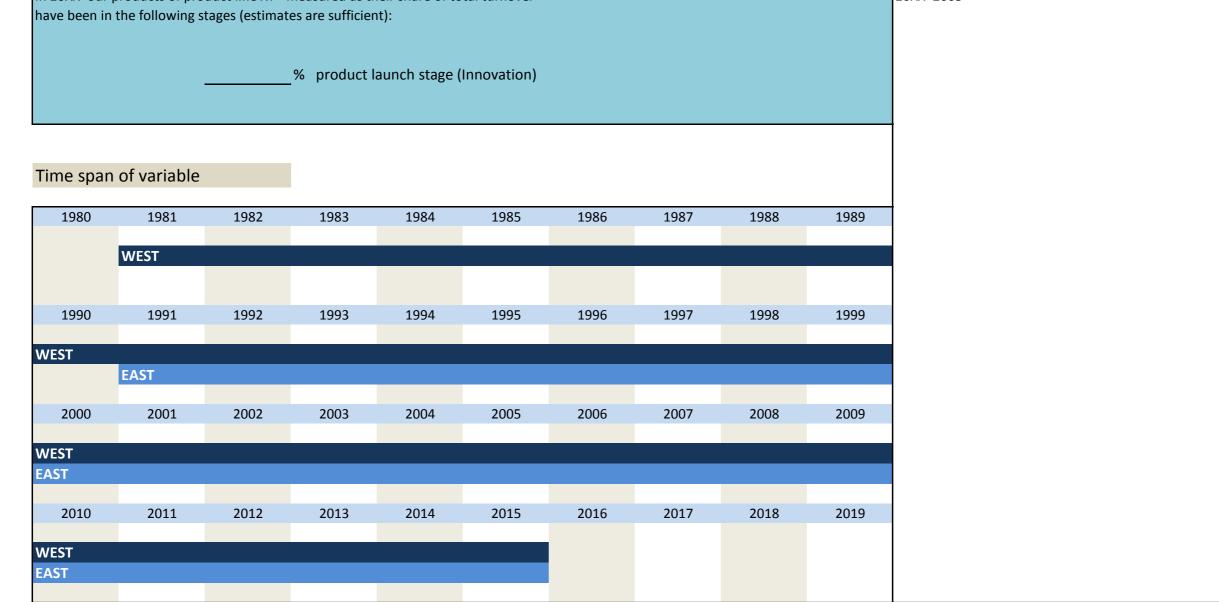


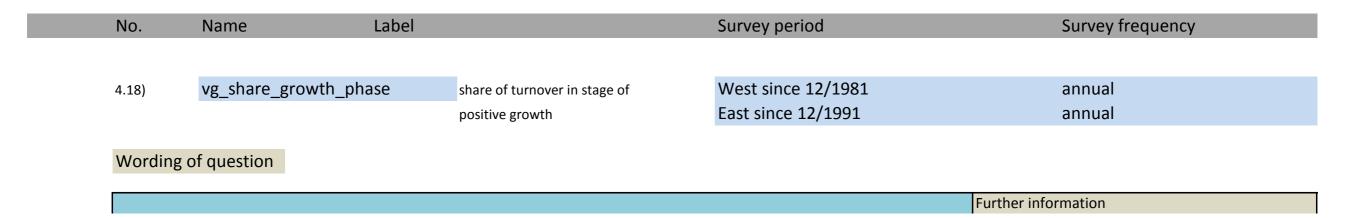


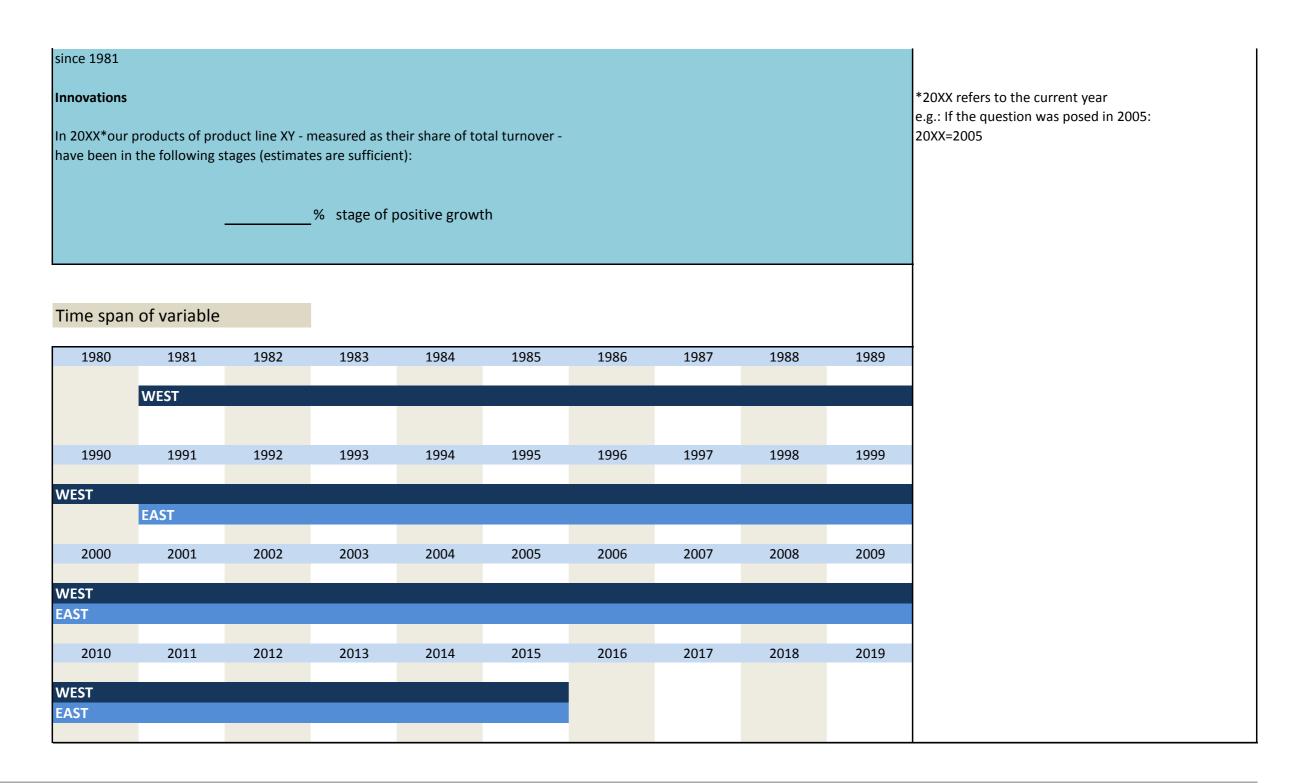
\*20XX refers to the current year e.g.: If the question was posed in 2005: 20XX=2005

In 20XX\*our products of product line XY - measured as their share of total turnover -

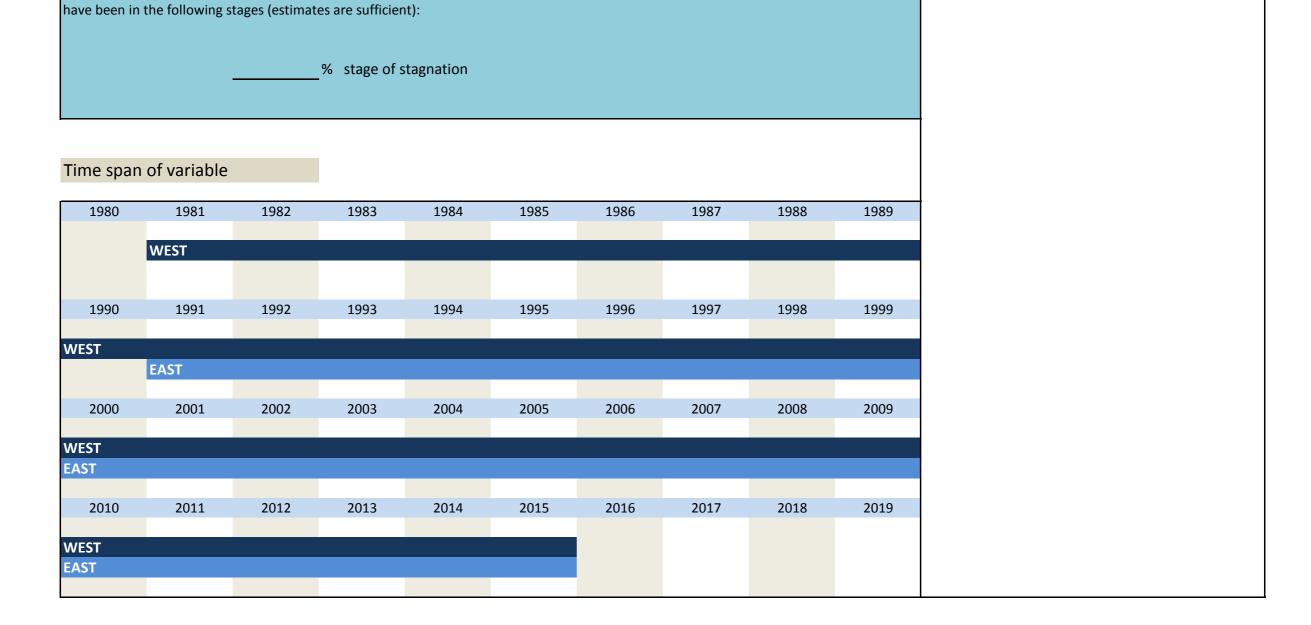
Innovations







No.	Name	Label		Survey period	Survey frequency
4.19)	vg_share_sta	gnation_phase	share of turnover in stage of	West since 12/1981	annual
			stagnation	East since 12/1991	annual
Wording o	of question				Eurthor information
since 1981					Further information
Innovations			*20XX refers to the current year e.g.: If the question was posed in 2005:		
In 20XX*our	products of produc	ct line XY - measured as t	their share of total turnover -		20XX=2005



No.	Name	Label		Survey period	Survey frequency
4.20)	vg_share_negative_g	rowth	share of turnover in stage of	West since 12/1981	annual
			negative growth	East since 12/1991	annual

	Further information
since 1981	

