

List of variables

Ifo Business Survey Industry

Data: 1/1980-12/2015

As of August 2016

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List of variables - test of economic cycle - manufacturing industry

1. Variables of identification

2. Standard questions

3. Special questions

1. Variables of identification

No.	Name	Label	German description
1.4			Limited and
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)	vg_testid	test id	Test ID
1.12)	sector_id	sector id	Sektor ID
1.13)	sector_ifo	ifo sector classification	ifo Sektorklassifikation
1.14)	vg_sypro	sypro sector classification	sypro Sektorklassifikation
1.15)	sector_wz93	wz93 sector classification	wz93 Sektorklassifikation
1.16)	sector_wz08	wz08 sector classification	wz08 Sektorklassifikation
1.17)	sector_total	ebdc sector classification	EBDC Sektorklassifikation
Variable	es regarding the survey process		
1.18)	online	online	Fragebogen online beantwortet
1.19)	survey_start	survey start	Umfragebeginn
1.20)	survey_end	survey end	Umfrageende
1.21)	participation_date	participation date	Teilnahmedatum
1.22)	participation_hour	participation hour	Teilnahmestunde
1.23)	participation_status	participation status	Teilnahmestatus
1.23)	1	•	

2. Standard questions

No.	Name	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
	vg_ranord	range of orders in months	Reichweite der Auftragsbestände in Monaten
	vg_uticappc	capacity utilization in %	Auslastung der Anlagen in %
	vg_uticapap	capacity utilization (appraisal)	Beurteilung der technischen Kapazität
	vg_constrain	constraints to production	Behinderung der Produktionstätigkeit
	vg_ordlack	lack of orders	Auftragsmangel
	vg_mplack	lack of manpower	Arbeitskräftemangel
	vg_matlack	lack of material	Materialknappheit
	vg_techcap	technical capacity	Technische Kapazität
	vg_bastlack	lack of back staff	Mangel an Hilfskräften
	vg_difffin	difficulties of financing	Produktionsbehinderung durch Finanzierungsengpässe
	vg_weather	weather conditions	Produktionsbehinderung durch Wetterlage Mangalan Fachkröften
	vg_skelllack	lack of skilled employees	Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen
	vg_othrea	other reasons product too expensive	Produkte zu teuer
	vg_proexpen	quality of products	Produktqualität Produktqualität
	vg_proqual	program of products	Produktprogramm
	vg_propro vg_ovtime	overtime	Überstunden
	vg_ovtimemo	overtime more than customary	Mehr Überstunden als betriebsüblich
	vg_stwork	short-time work	Kurzarbeit
	vg_stworkexp	expected short-time work	Erwartete Kurzarbeit
	vg_emplexp*	expected employees	Erwartete Entwicklung der Gesamtbeschäftigtenzahl
	vg_empl	employees 12 month	Beschäftigte Erwartungen
	vg_prof	profit situation	Ertragssituation derzeit
	vg_profch	change of profit situation	Ertragssituation gegenüber dem Vorquartal
	vg_hcount	headcount	Entwicklung des Personalbestands
	vg_fest	feedstock	Rohstoff- und Vormaterialbestände
	vg_proenl	enlagerment of production	Produktionserweiterung
	vg_priceinc	increase in price	Preiserhöhung
	vg_fincolow	low costs of financing	Niedrige Finanzierungskosten
	vg_diffsup1	difficulties of supply	Versorgungsschwierigkeiten
	vg_weaken	weakening	Abschwächung
	vg_prored	reduction of production	Produktionsabschwächung
	vg_pricedec	price decrease	Preisrückgänge
	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)	vg_stinwe	stock of inventories in weeks	Fertigwarenbestände in Wochen
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 %
	0_ 11	employees	Im Unternehmen beschäftigte Personen
	vg_emppro		
3.48)		credit allocation	Kreditvergabe
3.48) 3.49)	vg_emppro vg_credit** vg_j1	credit allocation Japan crisis q1	Kreditvergabe Japankrise Frage1
3.48) 3.49) 3.50)	vg_emppro vg_credit** vg_j1 vg_j2	credit allocation Japan crisis q1 Japan crisis q2	Kreditvergabe Japankrise Frage1 Japankrise Frage2
3.48) 3.49) 3.50) 3.51)	vg_emppro vg_credit** vg_j1 vg_j2 vg_j3	credit allocation Japan crisis q1 Japan crisis q2 Japan crisis q3	Kreditvergabe Japankrise Frage1 Japankrise Frage2 Japankrise Frage3
3.48) 3.49) 3.50) 3.51) 3.52)	vg_emppro vg_credit** vg_j1 vg_j2 vg_j3 vg_j4	credit allocation Japan crisis q1 Japan crisis q2 Japan crisis q3 Japan crisis q4	Kreditvergabe Japankrise Frage1 Japankrise Frage2 Japankrise Frage3 Japankrise Frage4
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3.48) 3.49) 3.50) 3.51) 3.52) 3.53) 3.54) 3.55) 3.56) 3.57) 3.58) 3.59) 3.60) 3.61) 3.62) 3.83) 3.84) 3.85) 3.86) 3.87) 3.88) 3.89) 3.90) 3.91)	vg_emppro vg_credit** vg_j1 vg_j2 vg_j3 vg_j4 vg_j5 vg_j6 vg_fairxh vg_fairxh_g vg_fairxh_e vg_fairxh_ne vg_fairxhexp vg_fairxhexp_g vg_fairxhexp_e vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_storm vg_einf_pur vg_einf_prod vg_einf_sal vg_einf_wast	credit allocation Japan crisis q1 Japan crisis q2 Japan crisis q3 Japan crisis q4 Japan crisis q5 Japan crisis q6 exhibitor at an international specialized fair exhibitor at an international specialized fair in Germany exhibitor at an international specialized fair in a foreign European country exhibitor at an international specialized fair in a country outside Europe exhibitor at an international specialized fair during next 2-3 years exhibitor at an international specialized fair in Germany during next 2-3 years exhibitor at an international specialized fair in a foreign European country during next 2-3 years exhibitor at an international specialized fair in a country outside Europe during next 2-3 years exhibitor at an international specialized fair in a country outside Europe during next 2-3 years influence of draupt on value added influence of cold waves on value added influence of feavy rainfall on value added influence of storms on value added expected influence of climate change on purchases expected influence of climate change on production expected influence of climate change on sales expected influence of climate change on waste management	Kreditvergabe Japankrise Frage1 Japankrise Frage2 Japankrise Frage3 Japankrise Frage4 Japankrise Frage5 Japankrise Frage5 Japankrise Frage6 Aussteller auf einer internationalen Fachmesse Aussteller auf einer internationalen Fachmesse in Deutschland Aussteller auf einer internationalen Fachmesse in ueuropäischen Ausland Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland Aussteller auf einer internationalen Fachmesse in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse in Deutschland in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im europäischen Ausland in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im europäischen Ausland in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den 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 Starkniederschlag auf die Wertschöpfung Auswirkung von Starkniederschlag auf die Wertschöpfung Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung
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3.48) 3.49) 3.50) 3.51) 3.52) 3.53) 3.54) 3.55) 3.56) 3.57) 3.58) 3.59) 3.60) 3.61) 3.62) 3.83) 3.84) 3.85) 3.86) 3.87) 3.88) 3.89) 3.90) 3.91) 3.92) 3.93)	vg_emppro vg_credit** vg_j1 vg_j2 vg_j3 vg_j4 vg_j5 vg_j6 vg_fairxh vg_fairxh_g vg_fairxh_e vg_fairxhexp vg_fairxhexp vg_fairxhexp_g vg_fairxhexp_e vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_grain vg_inf_storm vg_einf_pur vg_einf_prod vg_einf_sal vg_einf_log vg_einf_inno	credit allocation Japan crisis q1 Japan crisis q2 Japan crisis q3 Japan crisis q4 Japan crisis q5 Japan crisis q6 exhibitor at an international specialized fair in Germany exhibitor at an international specialized fair in a foreign European country exhibitor at an international specialized fair in a country outside Europe exhibitor at an international specialized fair in a country outside Europe exhibitor at an international specialized fair in Germany during next 2-3 years exhibitor at an international specialized fair in Germany during next 2-3 years exhibitor at an international specialized fair in a foreign European country during next 2-3 years exhibitor at an international specialized fair in a country outside Europe during next 2-3 years exhibitor at an international specialized fair in a country outside Europe during next 2-3 years influence of theatwaves on value added influence of rold waves on value added influence of storms on value added influence of trought on value added influence of storms on value added expected influence of climate change on production expected influence of climate change on waste management expected influence of climate change on logistics expected influence of climate change on innovations	Kreditvergabe Japankrise Frage1 Japankrise Frage2 Japankrise Frage3 Japankrise Frage4 Japankrise Frage5 Japankrise Frage5 Japankrise Frage6 Aussteller auf einer internationalen Fachmesse Aussteller auf einer internationalen Fachmesse in Deutschland Aussteller auf einer internationalen Fachmesse im europäischen Ausland Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland Aussteller auf einer internationalen Fachmesse im den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse in Deutschland in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse in Deutschland in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im europäischen Ausland in den 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 Starkniederschlag auf die Wertschöpfung Auswirkung von Stärkniederschlag auf die Wertschöpfung Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung Erwartete Auswirkungen des Klimawandels auf den Bereich Logistik Erwartete Auswirkungen des Klimawandels auf den Bereich Logistik Erwartete Auswirkungen des Klimawandels auf den Bereich Innovation
3.48) 3.49) 3.50) 3.51) 3.52) 3.53) 3.54) 3.55) 3.56) 3.57) 3.58) 3.59) 3.60) 3.61) 3.62) 3.83) 3.84) 3.85) 3.86) 3.87) 3.88) 3.89) 3.90) 3.91) 3.92) 3.93) 3.94)	vg_emppro vg_credit** vg_j1 vg_j2 vg_j3 vg_j4 vg_j5 vg_j6 vg_fairxh vg_fairxh_g vg_fairxh_e vg_fairxhexp vg_fairxhexp vg_fairxhexp_g vg_fairxhexp_e vg_fairxhexp_ne vg_inf_heat vg_inf_cold vg_inf_drou vg_inf_storm vg_einf_pur vg_einf_pur vg_einf_prod vg_einf_sal vg_einf_log	credit allocation Japan crisis q1 Japan crisis q2 Japan crisis q3 Japan crisis q4 Japan crisis q5 Japan crisis q6 exhibitor at an international specialized fair exhibitor at an international specialized fair in Germany exhibitor at an international specialized fair in a foreign European country exhibitor at an international specialized fair in a country outside Europe exhibitor at an international specialized fair in a country outside Europe exhibitor at an international specialized fair in Germany during next 2-3 years exhibitor at an international specialized fair in Germany during next 2-3 years exhibitor at an international specialized fair in a foreign European 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 influence of cold waves on value added influence of storms on value added influence of storms on value added expected influence of climate change on purchases expected influence of climate change on production expected influence of climate change on waste management expected influence of climate change on logistics	Kreditvergabe Japankrise Frage1 Japankrise Frage2 Japankrise Frage3 Japankrise Frage4 Japankrise Frage5 Japankrise Frage5 Japankrise Frage6 Aussteller auf einer internationalen Fachmesse Aussteller auf einer internationalen Fachmesse in Deutschland Aussteller auf einer internationalen Fachmesse in ueuropäischen Ausland Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland Aussteller auf einer internationalen Fachmesse in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse in Deutschland in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im europäischen Ausland in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im europäischen Ausland in den nächsten 2-3 Jahren Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland in den 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 Starkniederschlag auf die Wertschöpfung Auswirkung von Starkniederschlag auf die Wertschöpfung Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung Erwartete Auswirkungen des Klimawandels auf den Bereich Logistik

	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)	vg_ref6	refugees question 6	Flüchtlinge Frage 6
3.134)	vg_ref7	refugees question 7	Flüchtlinge Frage 7
3.135)	vg_ref8	refugees question 8	Flüchtlinge Frage 8
3.136)	vg_ref9	refugees question 9	Flüchtlinge Frage 9

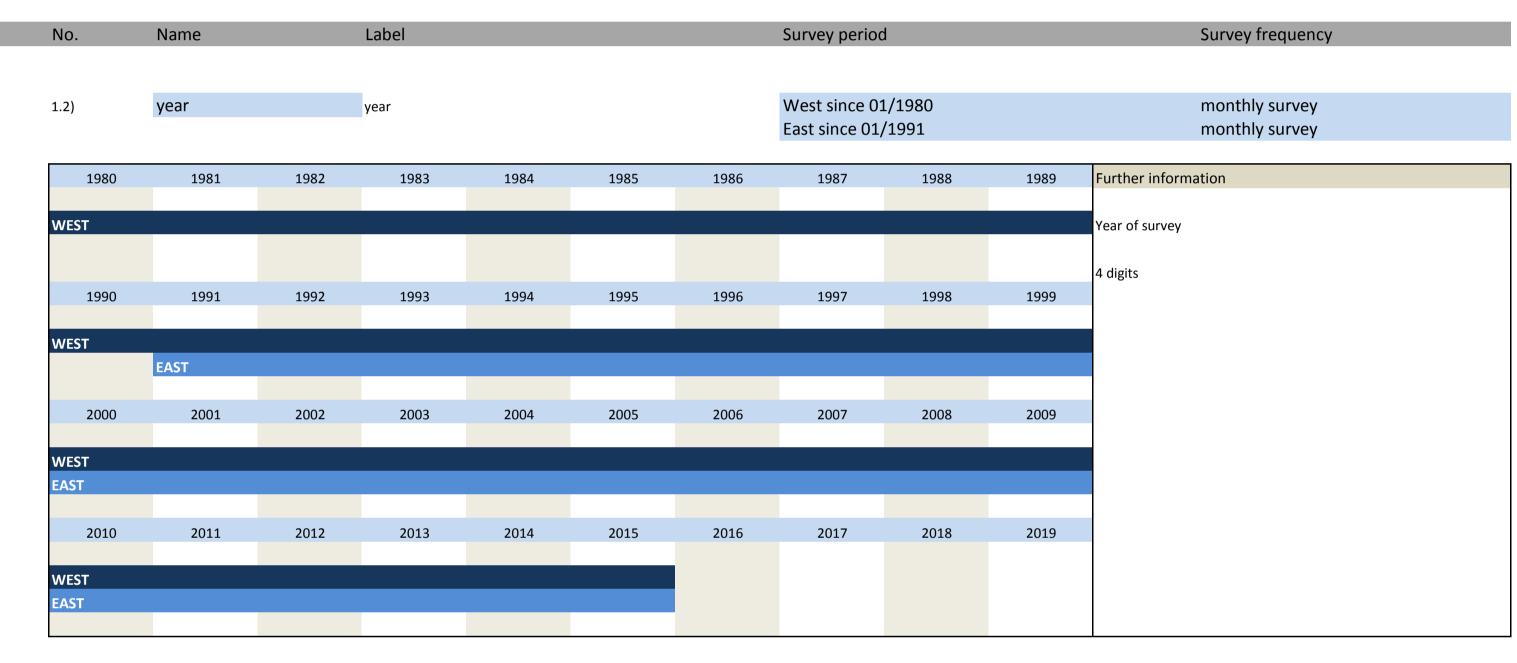
^{*}standard question since 07/1997. See 2.14)

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
	vg_prod_inno_plan_comp	product innovation accrete time year	. To a division of a dispersion of the control of t
4.9)	leted	product innovation planning completed this year	Planung für Produktinnovationen abgeschlossen
	vg_prod_inno_in_plannin		
4.10)	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		
4.14)	mpleted	process innovation planning completed this year	Planung für Prozessinnovationen abgeschlossen
4.15)	vg_process_inno_in_plan		
4.15)	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
4.40\	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_snare_negative_growt		
4.20)	h	share of turnover in stage of negative growth	Anteil Produkte in Phase negativen Wachstums an Umsatz

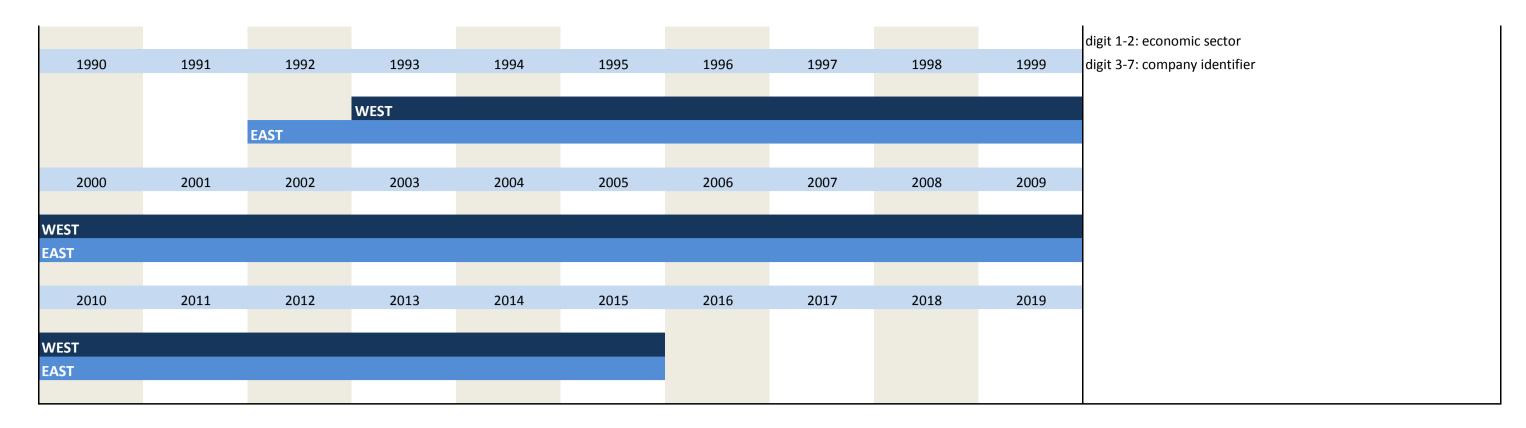
^{**}standard question since 08/2008. See 2.19)

	1. Variables of i	dentification								
No.	Name		Label				Survey period	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	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
1.3)	month		month				West since 01	/1980		monthly survey
1.5)	momen		monen				East since 01,			monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										Month of survey
4000	4004	4000	4000	4004	4005	4005	4007	1000	4000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2003	2000	2007	2000	2003	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

	No.	Name		Label				Survey period	d		Survey frequency
	1.4)							West since 04			monthly survey
						East since 04,	/1992		monthly survey		
ſ	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
	2000	2002	-50-	2555	200 .	2000	2000	2507	2555	2555	
											KT and INNO firm adressfile id
											7 digits



No.	Name	_	Label	_	_	_	Survey perio	4	_	Survey frequency
NO.	INdille		Label				Survey perio	u		Survey frequency
1.5)	runnum		running number	of plant			West since 0 East since 01			monthly survey monthly survey
							East since of	/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										
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	ne Label			Survey period			Survey frequency		
1.6)	vg_plantnum		KT and INNO firn	n adressfile id			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
1500	1501	1301	1303	130 .	1300	1300	2307	1300	1303	
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		_							_	
LASI										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

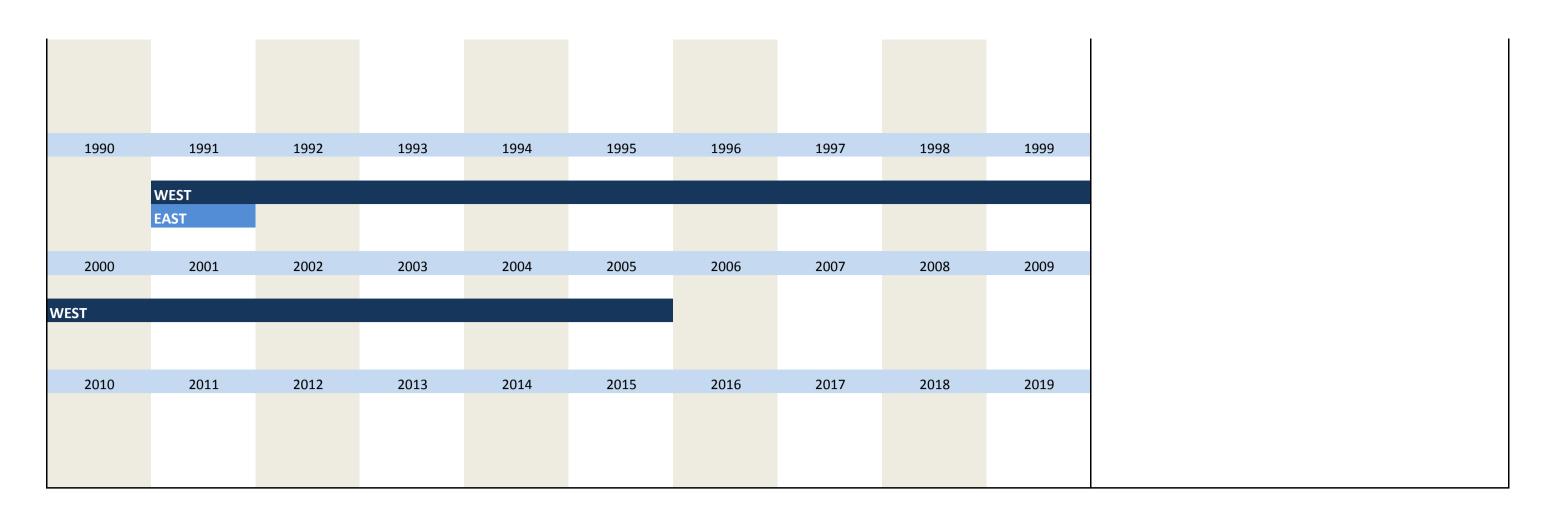
No.	Name		Label				Survey perio	d		Survey frequency	
1.7)	fedstaifo		federal state (ifo-code)				West since 0 East since 01			monthly survey monthly survey	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information	
WEST										Federal state according to ifo-code	
1990	1991	1992	1993	1994	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											

No.	Name		Label				Survey period	d		Survey frequency
1.8)	vg_westeast		western eastern				West since 02			monthly survey
							East since 01,	/1991		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										Differenciates between eastern and western survey
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name		Label				Survey period	d		Survey frequency
1.9)	vg_weight		weight				West since 03			monthly survey
							East since 01,	/1991		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										
VV231										
										Variable is not collected in the survey but is
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	constructed later using a formula to calculate. weight: calculated by this formula:
WEST										Weight: calculated by this formula.
	EAST									(log ₁₀ ('emppro2')) ^e
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Weighting refers to employees per product
										'emppro2'
WEST EAST										
LAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name		Label				Survey perio	d		Survey frequency
1.10)	vg_latecomer		latecomer					8 to 12/2001		monthly survey
							and 08/2008	to 03/2011		
							East since 01 and 08/2008	/1998 to 12/2	001	monthly survey
							una 00/2000			
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		01/2002 to 07/2008 The data of the variable
								EAST		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	
WEST								WEST		
EAST								EAST		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name	Label				Survey period			Survey frequency
1.11)	vg_testid	test id				West 01/1991	to 02/2005		monthly
						East 02/1991	to 03/1991		irregular
1980	1981	1982 1983	1984	1985	1986	1987	1988	1989	Further information



No.	Name		Label				Survey period	d		Survey frequency
1.12)	sector_id		sector id				West since 03			monthly survey
							East since 01,	/1991		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1330	1331	1552	1333	1334	1933	1330	1337	1330	1333	
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	
WEST										
WEST EAST										

No.		Name		Label				Survey period	d		Survey frequency
1.13)	sector_ifo		ifo sector classifi	cation			West since 01			monthly survey monthly survey
								EdSt Silice 01,	/1991		monthly survey
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
) A (= 0											
WES	31										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.
WES	т										The Sypro-number is transcoded in a ifo-product number.
WES) [EAST									But for some Sypro-numbers exist no corresponding ifo-product number.
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WES	т										
EAS											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WES	ST .										
EAS											

No.	Name		Label				Survey perio	d		Survey frequency
1.14)	sector_sypro		sypro sector class	sification			West since 01 East since 01			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										Sector label Sypro-number until 1990:
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2 digits
WEST	EAST						_	_	_	since 1991 in East and West: 7 digits
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST									Label key: very extensive, on demand, 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	I		Survey frequency
1.15)	sector_wz93		wz93 sector class	sification			West since 02 East since 01,			monthly survey 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										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										

No.	Name		Label				Survey period	d		Survey frequency
1.16)	sector_wz08		wz08 sector class	ification			West 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) from 2008
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Label key: very extensive, on demand
MICH	_									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	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

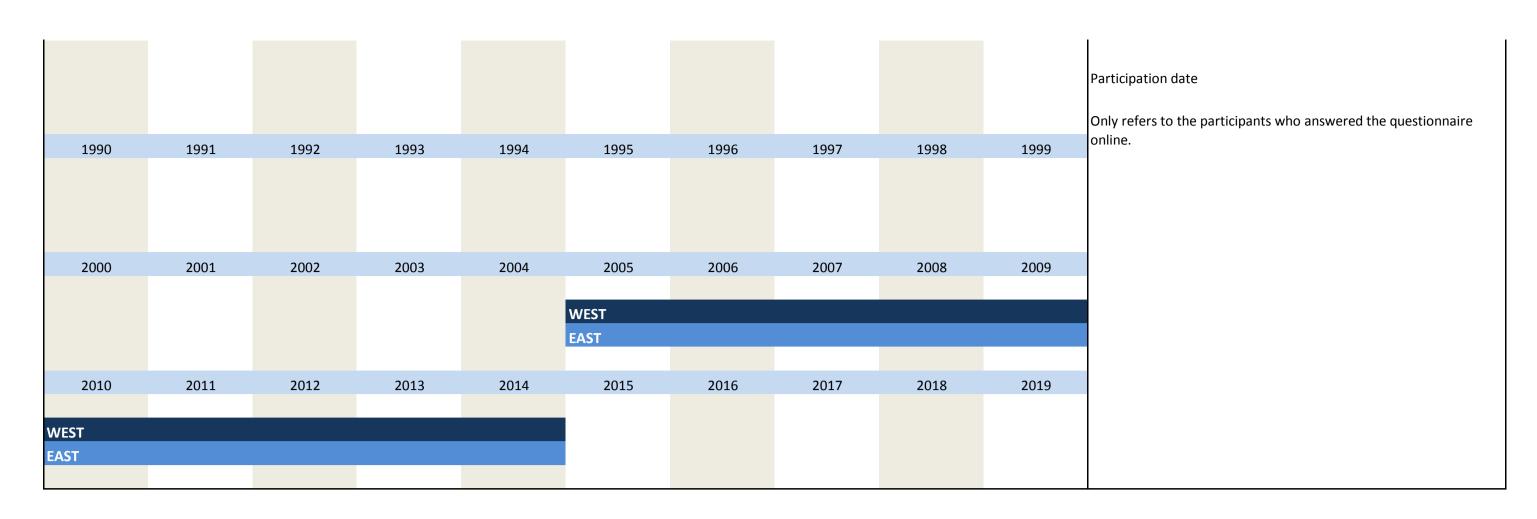
No.	Name		Label				Survey period			Survey frequency
1.17)	sector_total		ebdc sector class	ification			West since 01/			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										Sector, economic sector
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	[6] food, drinks and tobacco industry[7] textile, clothing, leather[8] wood industry, production of cork, wooden, braided
VEST	EAST									and basket articles (without furniture) [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 recorded sound, image and data storage media
VEST										[11] cokery, mineral oil processing, processing of fissile
AST										and fertile meterials
										[12] chemical industry
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	[13] pharmazeutical industry
WEST EAST										[14] rubber and plastics industry[15] glass and ceramics industry, processing of stones and soil[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	SS					
No.	Name		Label				Survey perio	d		Survey frequency
1.18)	online		online				West 01/199 and since 07,	9 to 11/2001 /2004		monthly survey
							East since 07	/2004		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	[0] paper [1] fax
WEST										[2] online [5] manually collected
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
WEST EAST										

1	lo.	Name		Label				Survey period			Survey frequency
1	.19)	survey_start		survey start				West since 01	1/2005		monthly survey
								East since 01,	/2005		monthly survey
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
											Survey start
											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	
	VEST										
E	AST										
L											

No.	Name		Label					k		Survey frequency
1.20)	survey_end		survey end				West since 01,			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										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			Survey frequency
1.21)		participation_d	late	participation date				West since 01	/2005		monthly survey
•								East since 01/			monthly survey
											memany can vey
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
-	1300	1301	1902	1303	1304	1303	1900	1307	1300	1909	i di tilei illioilliatioli



	No.	Name		Label				Survey period	d		Survey frequency
:	participation_hour		participation hou	r			West since 0			monthly survey	
								East since 01	/2005		monthly survey
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
											Double in a bassa
											Participation hour
											Only refers to the participants who answered the questionnaire online.
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Offilitie.
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	2000	2001	2002	2003	2004	2003	2000	2007	2000	2003	
						WEST					
						EAST					
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Į	VEST										
	AST										

No.	Name		Label				Survey period			Survey frequency
1.23)	participation_	status	participation stat	us			West since 0	1/2005		monthly survey
- /	_	<u>-</u>					East since 01			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
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	online.
										[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	
WEST										
EAST										

2. Standard questions Survey frequency Survey period Name Label No. West since 01/1980 vg_statebus monthly survey 2.1) state of buisness (appraisal) East since 01/1991 monthly survey Wording of question Further information 01/1991 to 11/2001 Appraisal of the state of business No questionnaires for the East available 01/1980 to 11/2001 We currently evaluate our state of business for XY to be good [1] satisfiable (seasonal) [2] bad [3] 01/2002 to 02/2002 **Current situation and tendencies** We currently evaluate our state of business for XY to be good [1] satisfiable [2] bad [3] since 03/2002 **Current situation** We evaluate our state of business for XY to be good [1] satisfiable [2] bad [3] Time span of variable 1983 1980 1981 1984 1985 1986 1987 1988 1982 1989 WEST 1991 1990 1992 1993 1994 1995 1996 1997 1998 1999 WEST EAST 2000 2001 2002 2004 2008 2009 2003 2005 2006 2007 WEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST

No.	Name	Label	Survey period	Survey frequency
2.2) Wording of	vg_provpm f question	production versus previous month	West 01/1980 to 11/2001 East 01/1991 to 11/2001	monthly survey monthly survey
01/1980 to 06	aires for the East available	uction of XY was more active [1] not changed [2] less active [3]		Further information Production compared to previous month Because of the alignment of the survey periods by the European Union, the question is continued by the variable 2.15) pro_vpq from 01/2002 on In the english translation of the value label there is a linguistic, but not a contentual divergence before 1990.
07/1994 to 11 Compared to	L/2001 previous month the activity of our	domestic production of XY was more [1] not changed [2] less [3] No production [4]		

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

No.	Name									
2.3)	vg_stin		stock of inventor	ies			West since 03			monthly survey
Vording of	f question						East since 01,	/1991		monthly survey
										Further information
01/1991 to 11	1/2001									Further information
lo questionna	aires for the East ava	ilable								Appraisal of the stock of inventories
01/1980 to 11	1/1992									01/2002 and 02/2002 *Current situation and tendencies **addition "current"
We currently e	evaluate our stock o	f unsold finished	goods to be							In the english translation of the value label there is a linguistic, b
			too little [1]							not a contentual divergence before 1990.
			enough [2]					1		
			too much [3]	. [4]						
			no stock-keeping	; [4]						
.2/1992 to 11	1/2001									
We currently ϵ	evaluate our stock o	f unsold finished	goods to be							
			too little [1]							
			too little [1] enough [2]					_		
			too much [3]							
				. [4]						
			no stock-keeping	; [4]						
since 01/2002				[4]						
since 01/2002 Current situat				; [4]						
Current situat		k of unsold finish	no stock-keeping	s [4]						
Current situat	tion*	k of unsold finish	no stock-keeping	s [4]						
Current situat	tion*	k of unsold finish	no stock-keeping ed goods to be too little [1] enough [2]	s [4]						
Current situat	tion*	k of unsold finish	no stock-keeping ed goods to be too little [1]							
Current situat	tion*	k of unsold finish	no stock-keeping ed goods to be too little [1] enough [2] too much [3]							
Current situat We evaluate o	tion* our (current)** stoc	k of unsold finish	no stock-keeping ed goods to be too little [1] enough [2] too much [3]							
Current situat We evaluate of	our (current)** stock		no stock-keeping ed goods to be too little [1] enough [2] too much [3] no stock-keeping	; [4]						
Current situat We evaluate o	tion* our (current)** stoc	k of unsold finish	no stock-keeping ed goods to be too little [1] enough [2] too much [3]		1985	1986	1987	1988	1989	
Current situat We evaluate of the control of the c	our (current)** stock		no stock-keeping ed goods to be too little [1] enough [2] too much [3] no stock-keeping	; [4]	1985	1986	1987	1988	1989	
Current situat We evaluate of	our (current)** stock		no stock-keeping ed goods to be too little [1] enough [2] too much [3] no stock-keeping	; [4]	1985	1986	1987	1988	1989	
Current situat Ve evaluate of	our (current)** stock		no stock-keeping ed goods to be too little [1] enough [2] too much [3] no stock-keeping	; [4]	1985	1986	1987	1988	1989	
Fime span of 1980 VEST	our (current)** stock	1982	no stock-keeping ed goods to be too little [1] enough [2] too much [3] no stock-keeping	1984						
Fime span of 1980 VEST	our (current)** stock	1982	no stock-keeping ed goods to be too little [1] enough [2] too much [3] no stock-keeping	1984						
Fime span of 1980 VEST	of variable 1981	1982	no stock-keeping ed goods to be too little [1] enough [2] too much [3] no stock-keeping	1984						
Time span of 1980 WEST 2000	of variable 1981 1991 EAST	1982	ed goods to be too little [1] enough [2] too much [3] no stock-keeping	1984	1995	1996	1997	1998	1999	
Time span of 1980 WEST 2000 WEST	of variable 1981 1991 EAST	1982	ed goods to be too little [1] enough [2] too much [3] no stock-keeping	1984	1995	1996	1997	1998	1999	
Current situat We evaluate of 1980 WEST 2000 WEST EAST	of variable 1981 1991 EAST 2001	1982	ed goods to be too little [1] enough [2] too much [3] no stock-keeping 1983 2003	1984	2005	1996	1997	1998	1999 2009	
Time span of 1980 WEST 1990 WEST	of variable 1981 1991 EAST	1982	ed goods to be too little [1] enough [2] too much [3] no stock-keeping	1984	1995	1996	1997	1998	1999	
Time span of 1980 WEST 2000 WEST EAST	of variable 1981 1991 EAST 2001	1982	ed goods to be too little [1] enough [2] too much [3] no stock-keeping 1983 2003	1984	2005	1996	1997	1998	1999 2009	

No.	Name	Label	Survey period	Survey frequency
2.4)	vg_demand	situation of demand	West 01/1980 to 11/2001	monthly survey

East 01/1991 to 11/2001 monthly survey

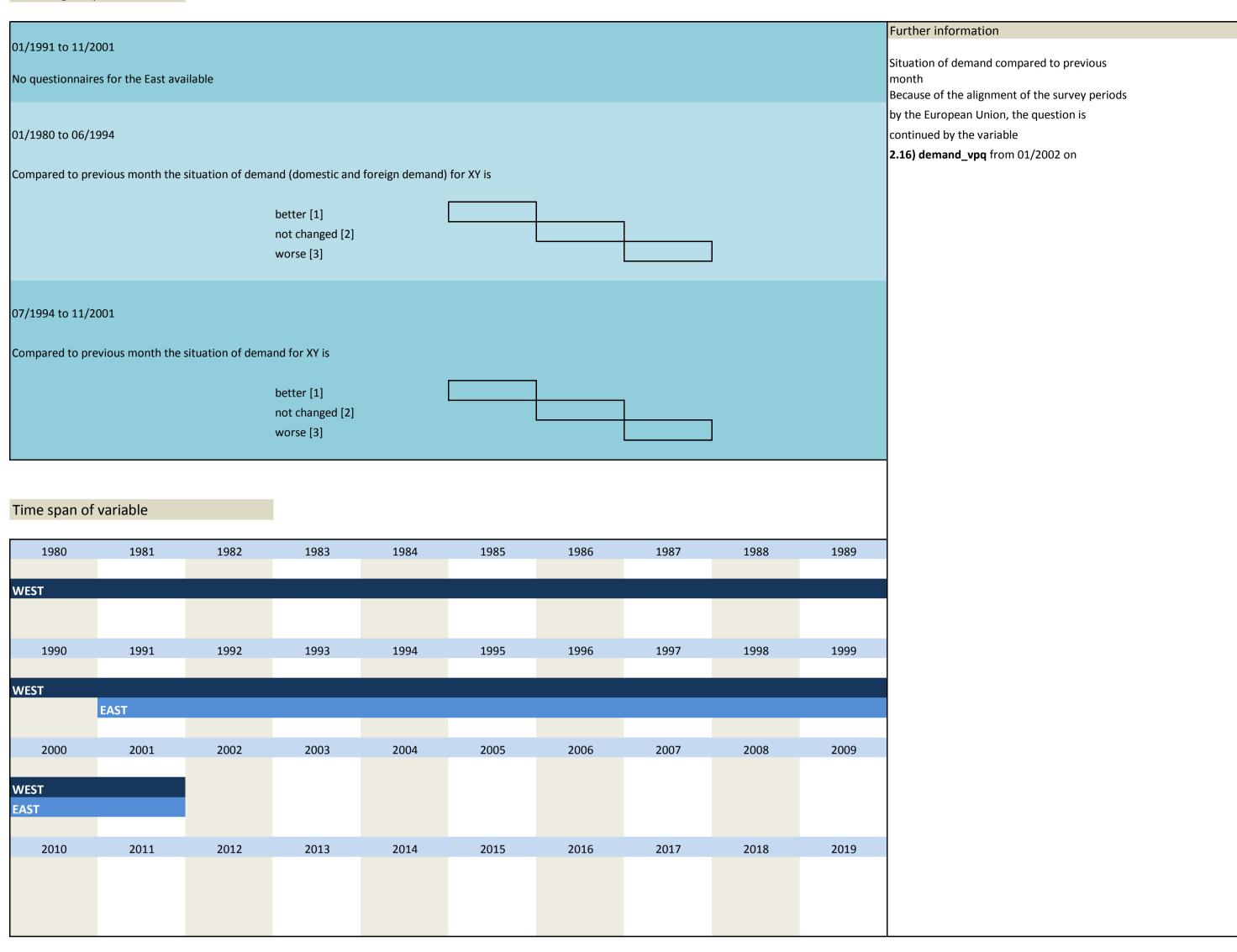
Survey frequency

Wording of question

No.

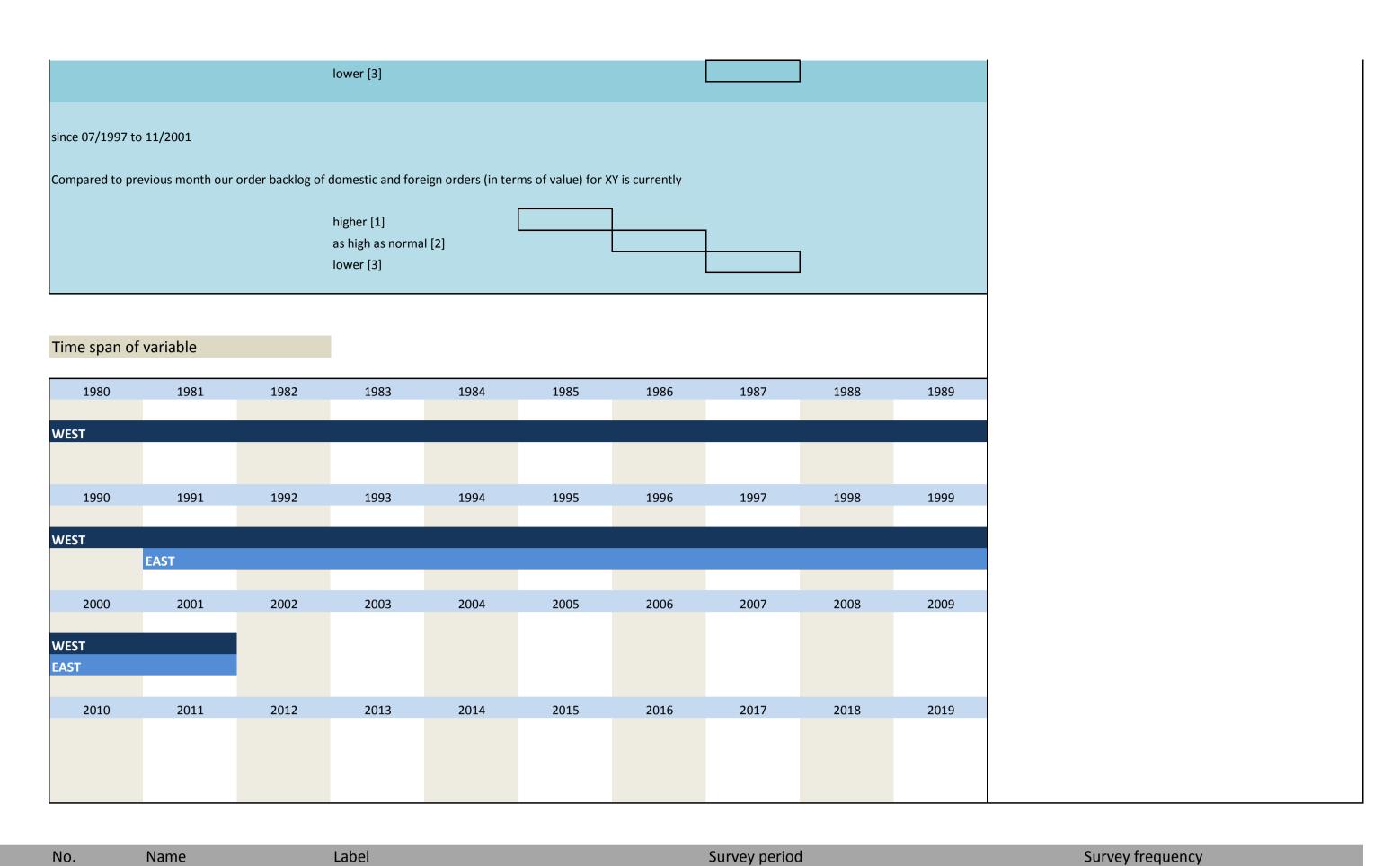
Name

Label

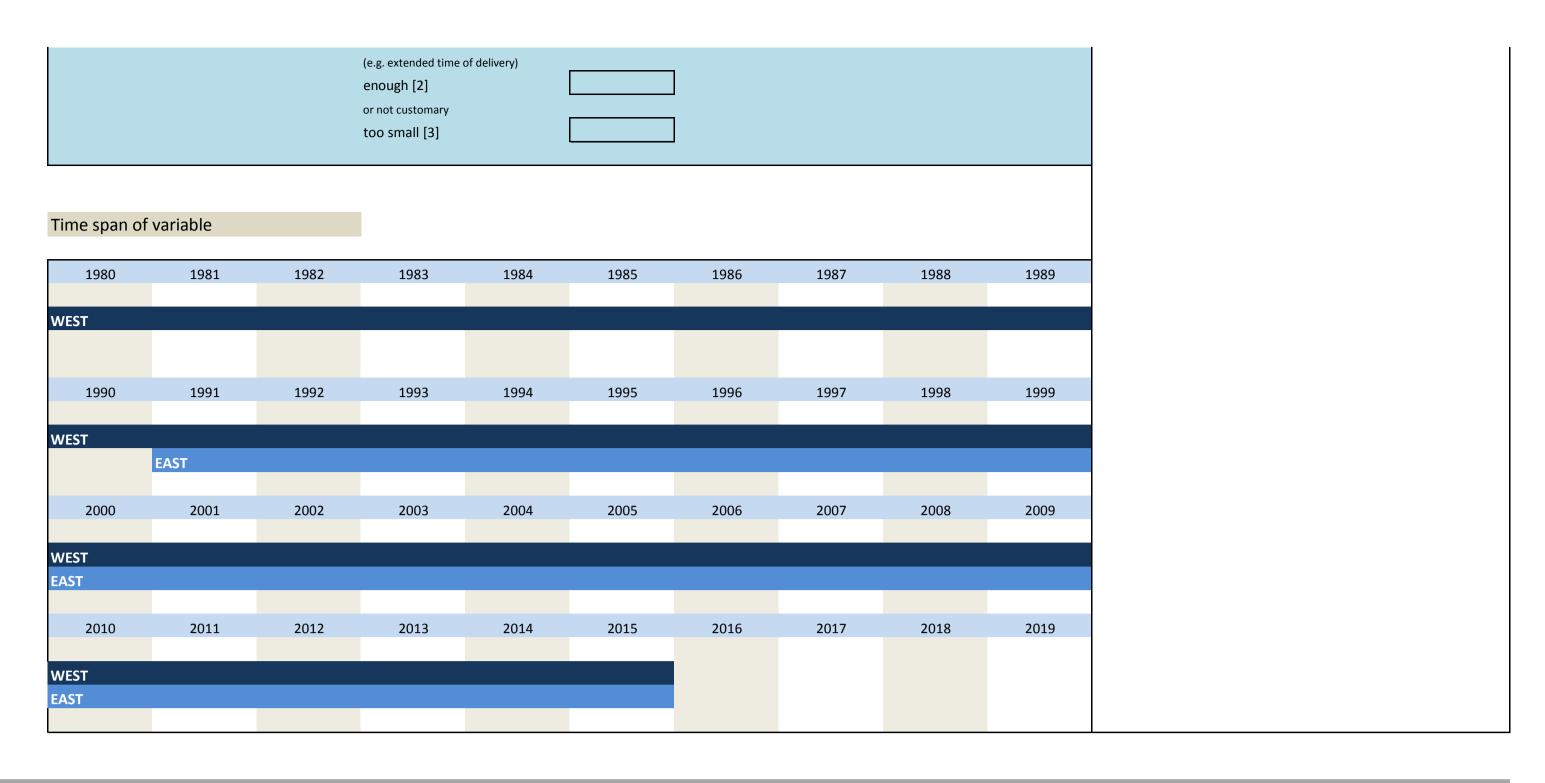


Wording of qι	vg_ordvpm uestion	orders versus previous month	West 01/1980 to 11/2001 East 01/1991 to 11/2001	monthly survey monthly survey
1/1991 to 11/20	001			Further information
lo questionnaires	s for the East available			Orders versus previous month
1/1980 to 12/19	980			Because of the alignment of the survey periods by the European Union, the question is continued by the variable 2.17) ord_vpq from 01/2002 on
compared to prev	vious month our order ba	acklog (domestic and foreign orders) for XY is currently (in terms of value*)	
		higher [1] as high as normal [2] lower [3] stock-keeping not usual [4]		*The addition "in terms of value" is only added in the months 01/03/04/05/09/10
01/1981 to 12/19	982			
Samananad ta mua				
compared to prev	vious month our order ba	acklog (in terms of value, domestic and foreign orders) for	or XY is currently	
compared to prev	vious month our order ba	higher [1] as high as normal [2] lower [3] stock-keeping not usual [4]	or XY is currently	
		higher [1] as high as normal [2] lower [3]	or XY is currently	
since 01/1983 to	06/1994	higher [1] as high as normal [2] lower [3]		
since 01/1983 to	06/1994	higher [1] as high as normal [2] lower [3] stock-keeping not usual [4]		
ince 01/1983 to Compared to prev	06/1994 vious month our order ba	higher [1] as high as normal [2] lower [3] stock-keeping not usual [4] acklog (in terms of value, domestic and foreign orders) for the higher [1] as high as normal [2]		
since 01/1983 to compared to previous	06/1994 vious month our order ba	higher [1] as high as normal [2] lower [3] stock-keeping not usual [4] acklog (in terms of value, domestic and foreign orders) for the higher [1] as high as normal [2]		

Survey period



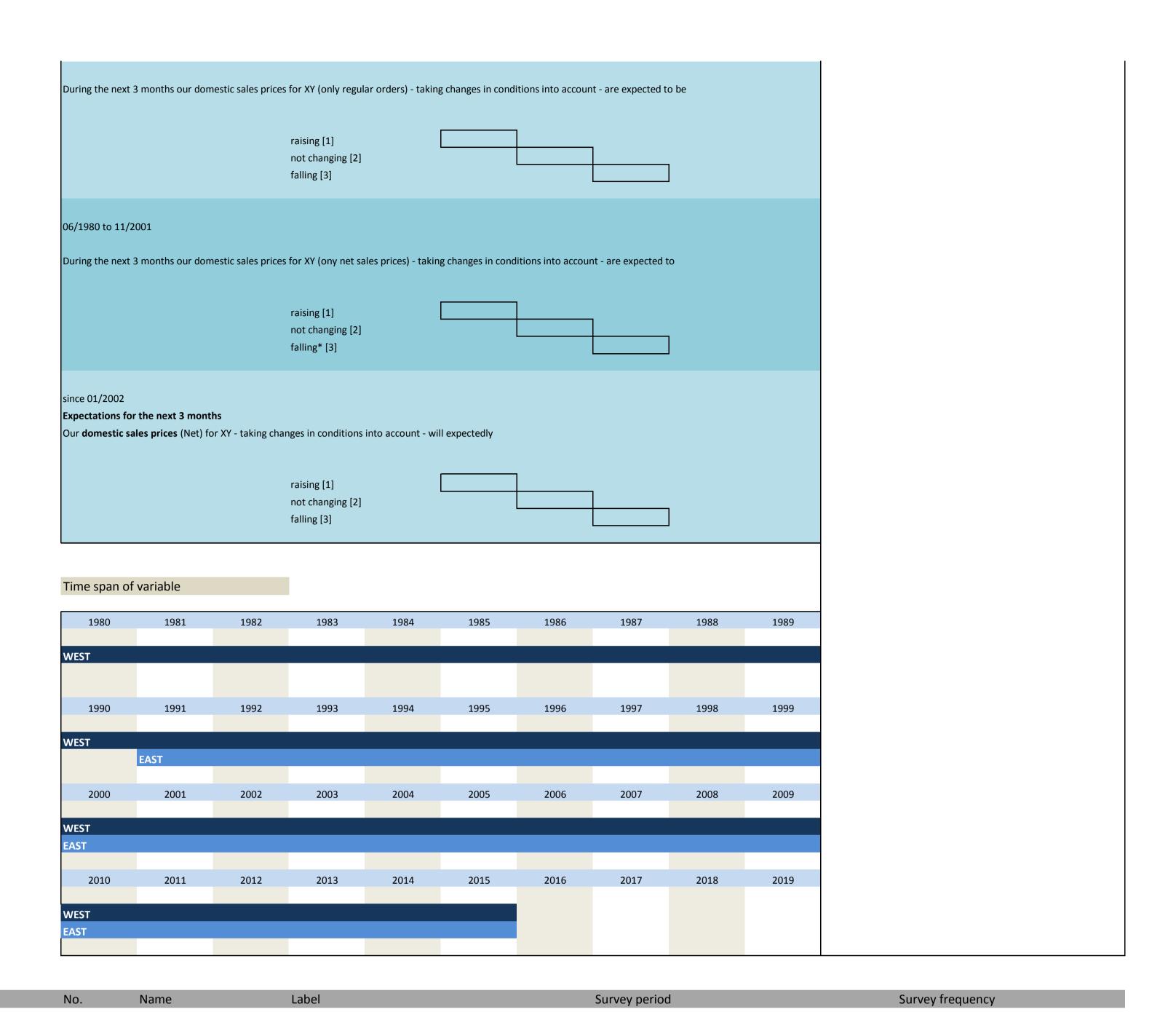
			, ·	
26) vg_orders	orders (appraisal)		West since 01/1980 East since 01/1991	monthly survey monthly survey
Wording of question			East since 01/1991	montiny survey
				Further information
01/1991 to 11/2001				appraisal of the current order backlog
No questionnaires for the East available				01/2002 and 02/2002
				*instead of "Current situation"
01/1980 to 12/1982				→"Current situation and tendencies" **addition "current"
We currently evaluate our order backlog (domest	ic and foreign orders) to be			
	relatively high [1]			since 01/1994 inquired for east and west
	(e.g. extended time of delivery) enough [2]		<u></u>	
	too small [3]			
	not usual [4]			
01/1983 to 06/1994				
We currently evaluate our order backlog (domest	ic and foreign orders) to be			
	relatively high [1]			
	(e.g. extended time of delivery)			
	enough [2] or not customary			
	too small [3]			
07/1994 to 06/1997				
We currently evaluate our order backlog				
	relatively high [1]			
	(e.g. extended time of delivery) enough [2]			
	or not customary			
	too small [3]			
07/1997 to 11/2001				
We currently evaluate our order backlog (domest	ic and foreign orders) to be			
	relatively high [1]			
	(e.g. extended time of delivery)			
	enough [2] or not customary			
	too small [3]			
since 01/2002 Current situation*				
We evaluate our (current**) order backlog for XY	to be			
	relatively high [1]	total		
	relatively ingli [1]			

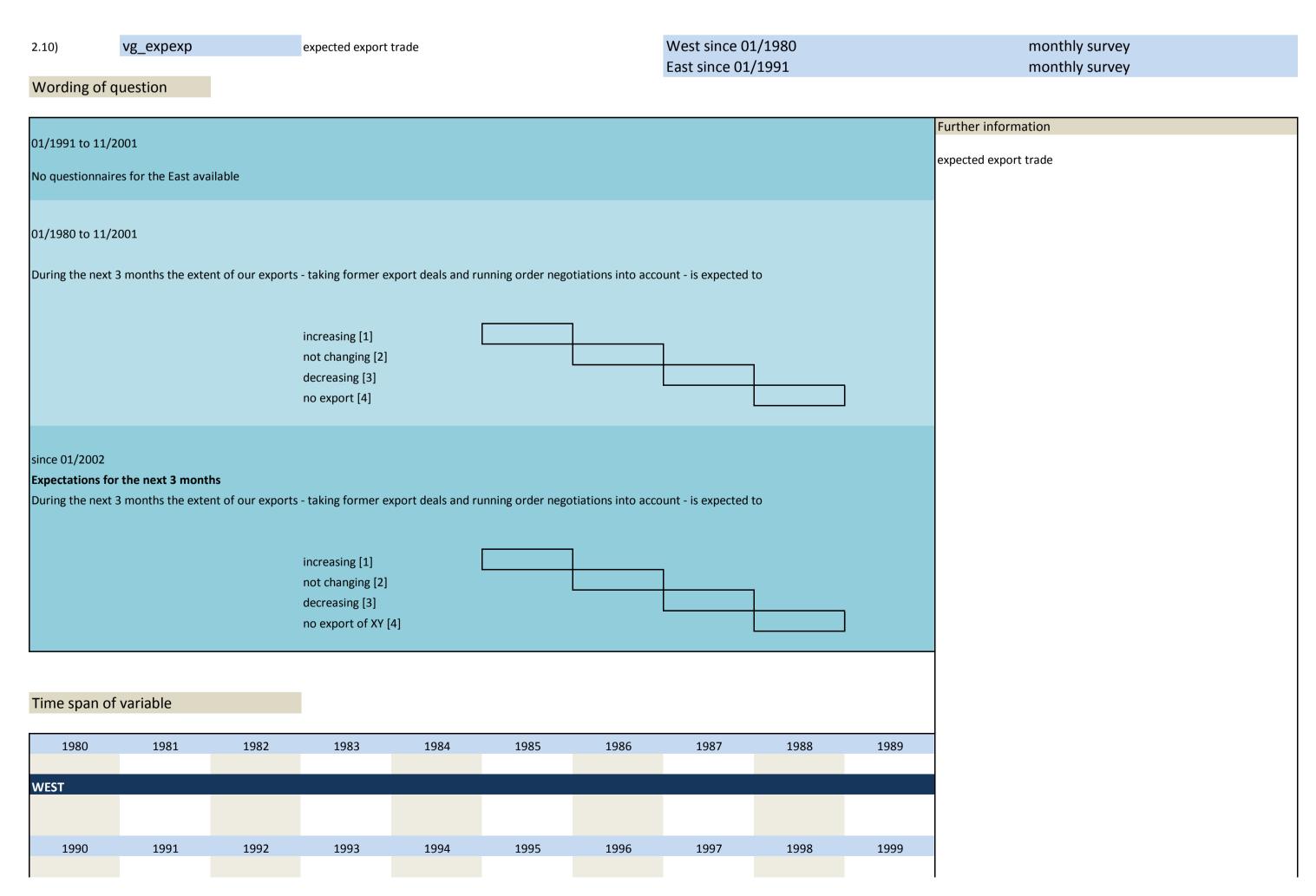


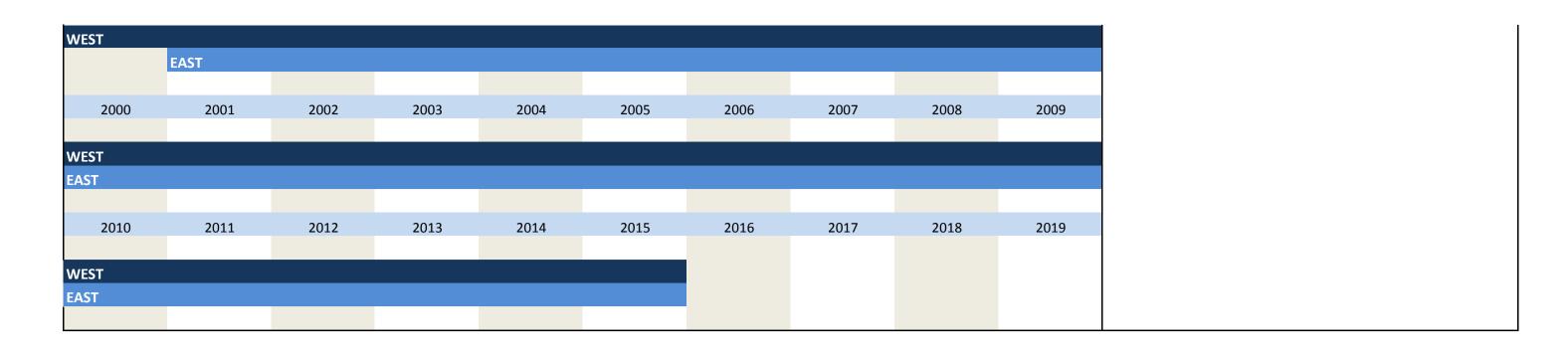
No.	Name		Label				Survey period	d		Survey frequency
2.7) Wording of	vg_pricevpm question		domestic prices c	of sale versus prev	vious month		West 01/198 East 01/1991			monthly survey monthly survey
01/1991 to 11/	/2001 ires for the East ava	ilable								Further information Domestic prices of sale versus previous month
01/1980, 04/19	980, 05/1980, 10/1	980								Because of the alignment of the survey periods by the European Union, the question is continued by the variable 2.18) price_vpq from 01/2002 on
Compared to p	revious month our	domestic sale pric		es in conditions ir regular orders		Y were follow up orders so "since stock-order	s")			
		increased [1] not changed [2]								
		decreased [3]								
	980, 06/1980 to 09, previous month our			taking changes in	conditions into a	ccount - for XY we	ere			
			increased [1] not changed [2] decreased [3]]		
10/1991 to 11/										
Compared to p	revious month our		ices (net-prices) - increased [1]	taking changes in	conditions into a	ccount - for XY we	ere			
			not changed [2] decreased [3]							
Time span o										
1980 WEST	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST 2000	EAST 2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

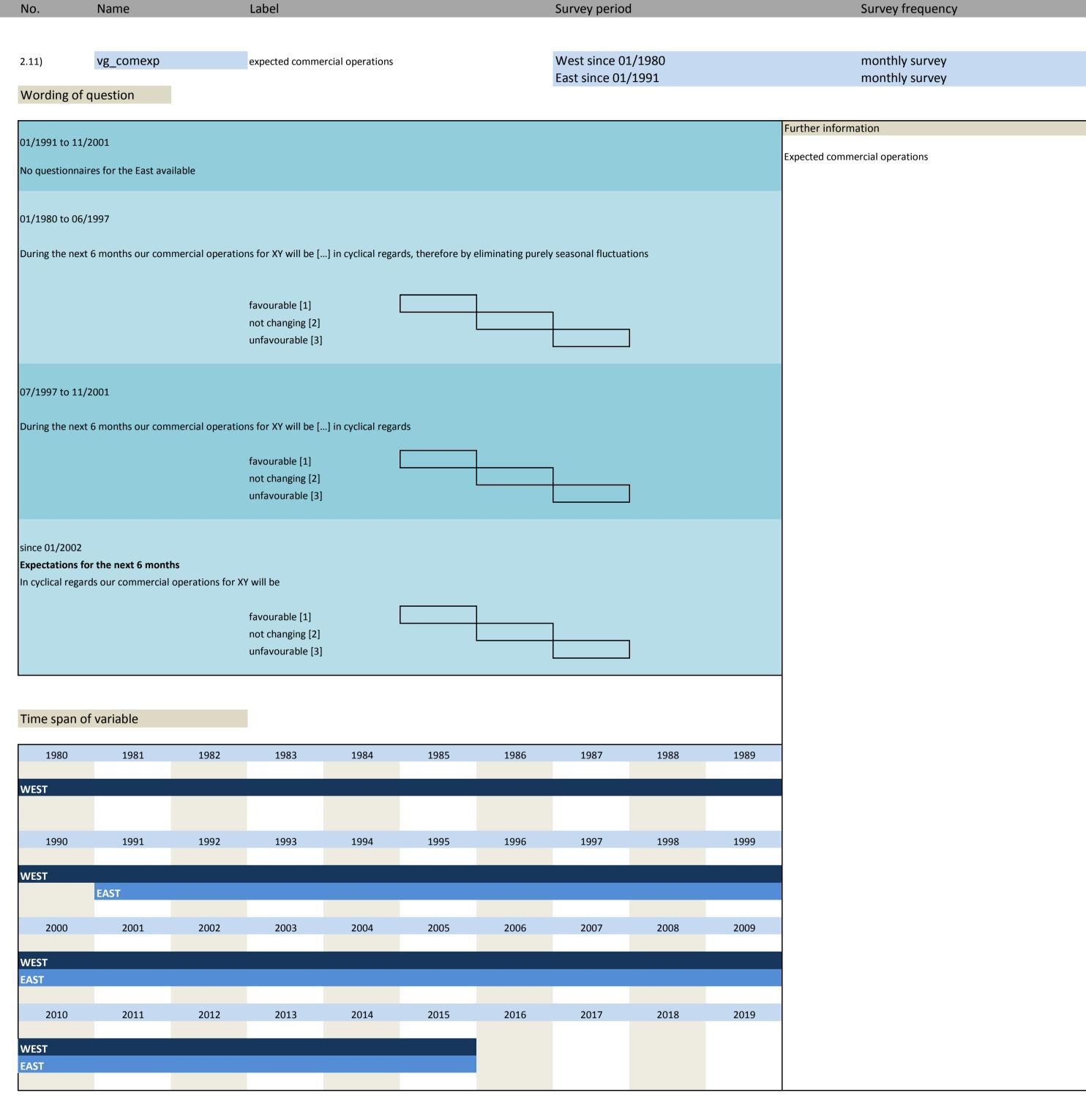
Survey period Survey frequency Name No. Label West since 01/1980 vg_proexp monthly survey 2.8) expected production monthly survey East since 01/1991 Wording of question Further information 01/1991 to 11/2001 Expected domestic production No questionnaires for the East available * 04/1991 to 01/1993 "fall"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

No.	Name	Label	Survey period	Survey frequency
2.9)	vg_priceexp	expected domestic prices	West since 01/1980	monthly survey
			East since 01/1991	monthly survey
Wording	of question			
				Further information
01/1991 to	11/2001			expected domestic prices
No question	nnaires for the East available			expected domestic prices
·				*03/1990 to 01/1993
				"decrease" instead of "fall"
01/1980 to	05/1980			







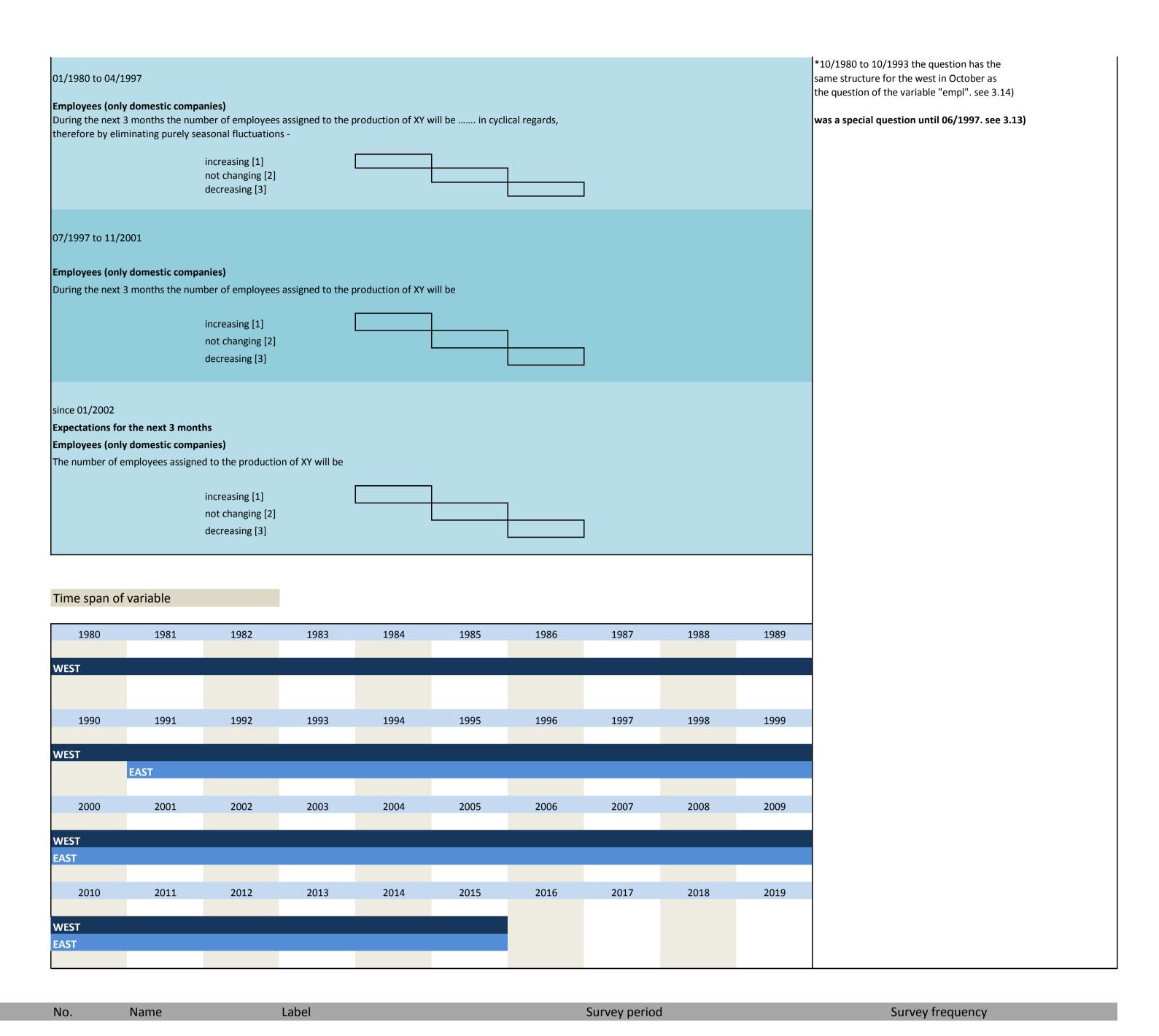


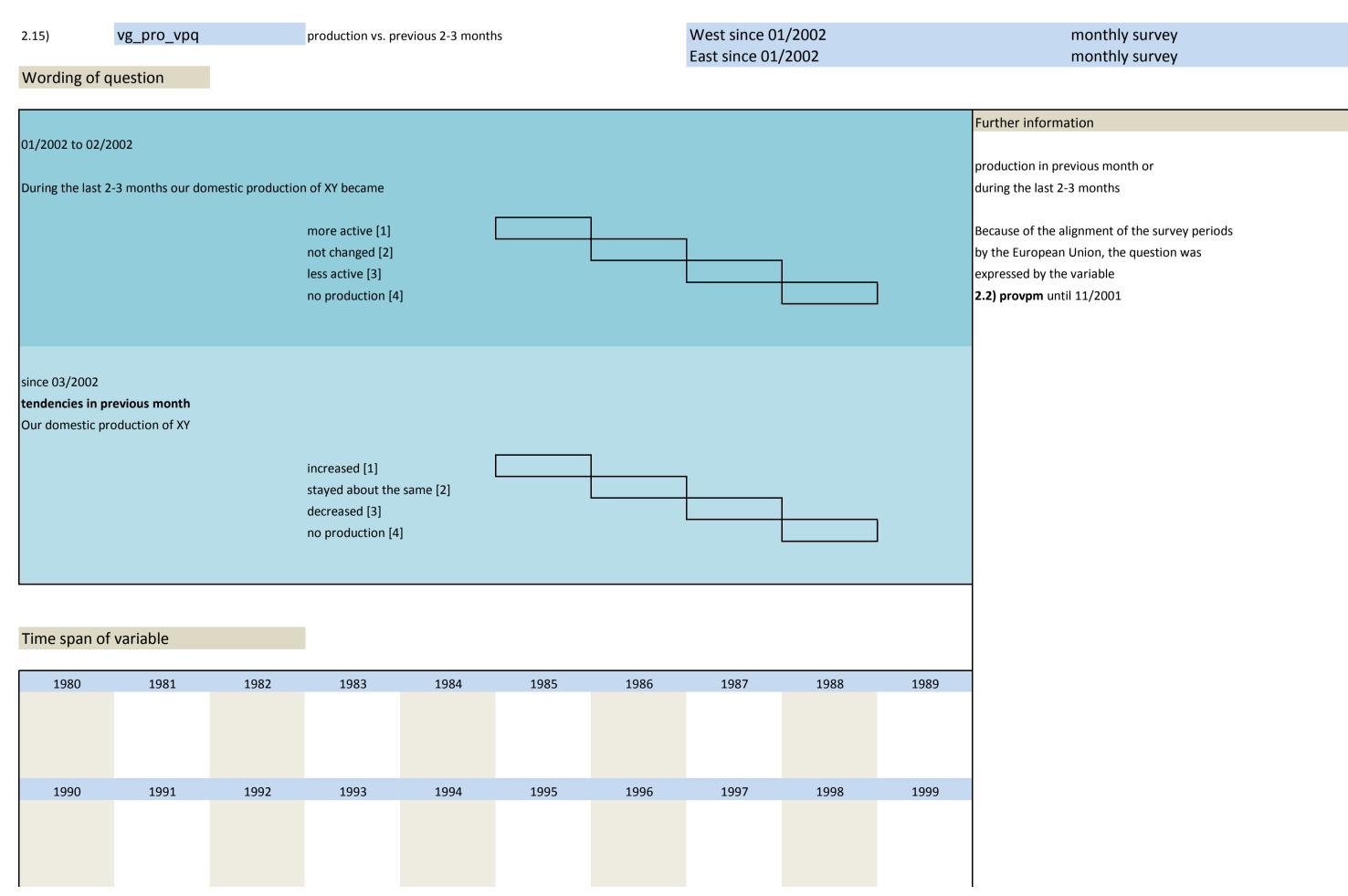
No.	Name	Label	Survey period	Survey frequency
2.12)	vg_foreord	foreign orders (appraisal)	West since 01/1980	monthly survey
			East since 01/1991	monthly survey
Wording o	f question			
01/1991 to 1:	1/2001			Further information
01/1991 (0 1.	1/2001			Appraisal of foreign orders
No questionn	aires for the East available			
				01/2002 and 02/2002
				*instead of "Current situation"
01/1980 to 11	1/2001			→"Current situation and tendencies"
				**addition "current"
We consider of	our foreign order backlog for	r XY currently to be		
		relatively high [1]		

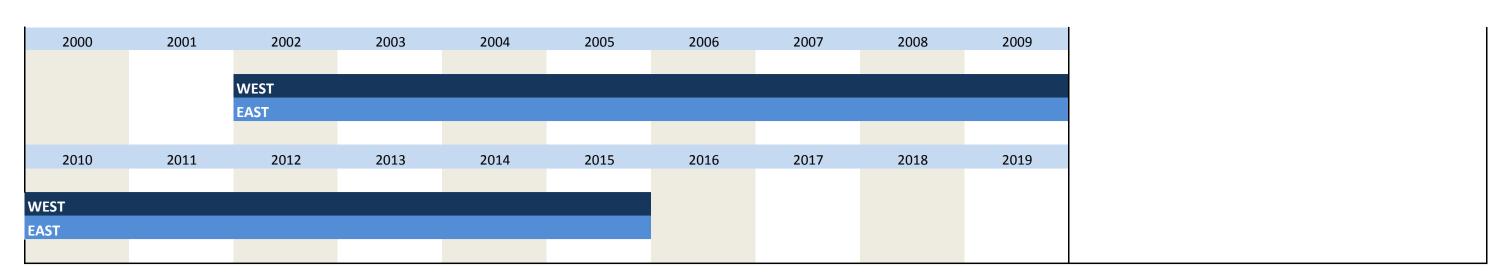
enough [2] too small [3] no export XY [4] since 01/2002 Current situation*
no export XY [4] since 01/2002 Current situation*
ince 01/2002 Current situation*
Current situation*
Current situation*
Current situation*
We consider our (current**) foreign order backlog to be
for export
relatively high [1]
enough [2]
or not customary
too small [3]
no export XY [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
EAST
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009
WEST
EAST
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
2010 2011 2012 2013 2014 2013 2010 2017 2010
WEST
EAST

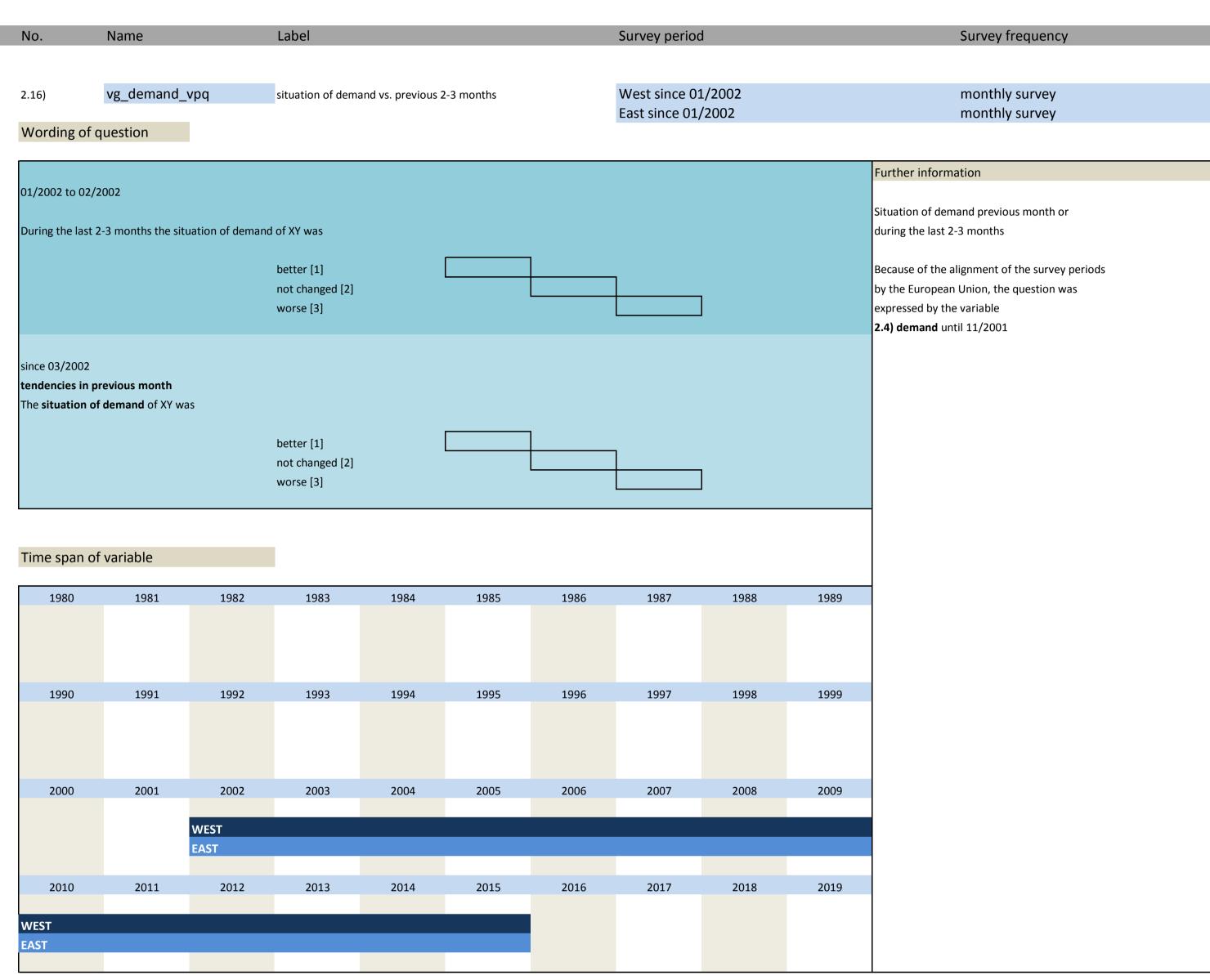
No.	Name		Label				Survey period			Survey frequency
2.13)	vg_salesexp		sales expectancy				West 01/198	0 to 06/1994		monthly survey
Wording of	question									
										Further information
01/1980 to 06/										Sales expectancy
During the next	t 3 months our (don			expectedly be		ı				Inquired for food and luxury food industries
			raising [1] not changing [2] falling [3]]		
n terms of qua	ntity compared to t	he corresponding	g period of previo	us year						
Гime span o	f variable									
		4000	1003	4004	4005	1005	4007	1000	1000	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name	Label	Survey period	Survey frequency
2.14)	vg_emplexp	expected employees	West 01/1980 to 04/1997	quarterly survey
			and since 07/1997	monthly survey
			East since 01/1991	monthly survey
Wording of	question			
				Further information
01/1991 to 11	/2001			Europhad development of the hotel growth or of
No questionna	ires for the East available			Expected development of the total number of employees

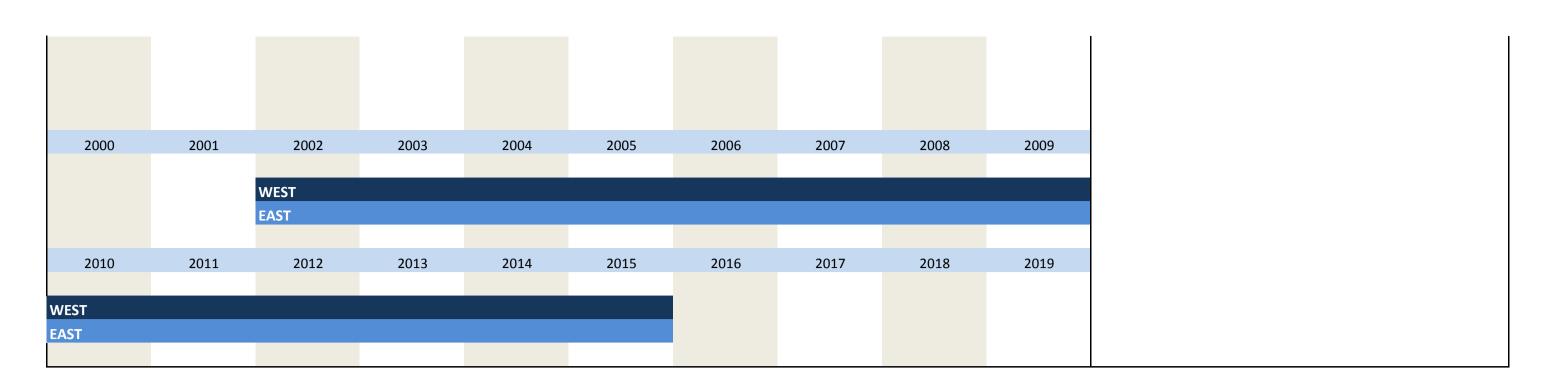






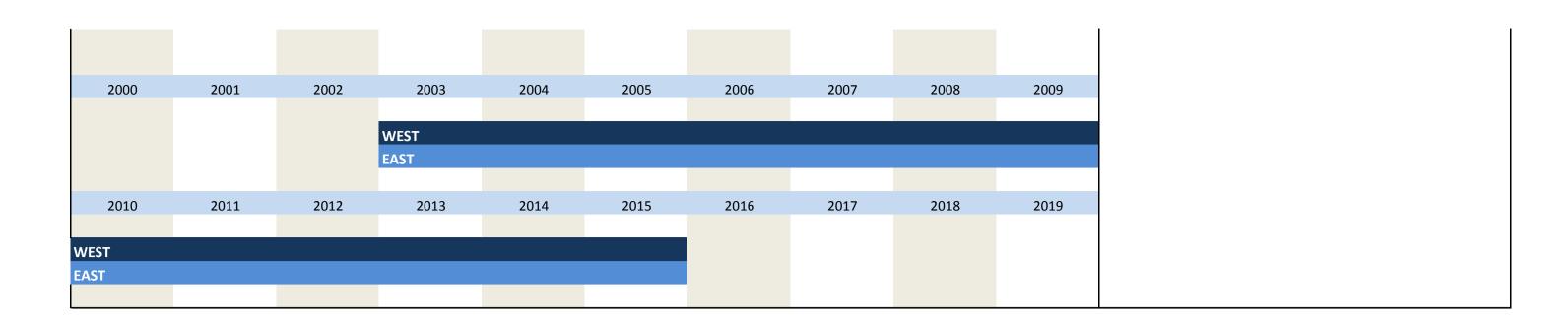


Wording of question Surface O1/2002 Monthly survey	Survey frequency		t	Survey period				Label		Name	No.
Wording of question Further information											
Wording of question Further information Further information Orders last month or during the last 2-3 months our order backlog (domestic and foreign orders, in terms of value) for XY was Because of the alignment of the survey periods by the European Union, the question was expressed by the variable 2.5) ordypm until 11/2001. Since 03/2002 tendencies in previous month Our order backlog (domestic and foreign orders, in terms of value) for XY was	monthly survey		1/2002	West since 02			ous 2-3 months	orders vs. previo	q	vg_ord_vpq	2.17)
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 our order backlog (domestic and foreign orders, in terms of value) for XY was 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 our order backlog (domestic and foreign orders, in terms of value) for XY was 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 our order backlog (domestic and foreign orders, in terms of value) for XY was 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 our order last month or during the last 2-3 months our order last month or during the last 2-3 months our order last month or during the last 2-3 months our order last month or during the last 2-3 months our order last month or during the last 2-3 months our order last month or during the last 2-3 months our order last month or during the last 2-3 months our order last month or during the last 2-3 months our order last month or during the last 2-3 months our order last month or during the last 2-3 months or during	monthly survey		/2002	East since 01,							
O1/2002 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]										question	Wording of
Orders last month or 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] Time span of variable Time span of variable	Further information										
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] Time span of variable										/2002	01/2002 to 02
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] Time span of variable	Orders last month or										
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] Time span of variable	during the last 2-3 months				ıs	of value) for XY wa	orders, in terms	estic and foreign	order backlog (dom	2-3 months our o	During the last
about the same [2] by the European Union, the question was expressed by the variable 2.5) ordypm until 11/2001. 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] Time span of variable	Because of the alignment of the survey periods								higher [1]		
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] Time span of variable								[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] Time span of variable											
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] Time span of variable											
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] Time span of variable											00/2000
Our order backlog (domestic and foreign orders, in terms of value) for XY was higher [1] about the same [2] lower [3] Time span of variable										arevious month	
higher [1] about the same [2] lower [3] Time span of variable							or XY was	terms of value) for			
about the same [2] lower [3] Time span of variable						_		•	, ,	3 (
Time span of variable					٦				higher [1]		
Time span of variable				7				[2]			
				J					lower [3]		
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989										f variable	Time span
		1989	1988	1987	1986	1985	1984	1983	1982	1981	1980
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999		1999	1998	1997	1996	1995	1994	1993	1992	1991	1990



No.		Name		Label				Survey perio	d		Survey frequency
2.18) Word	ling of qu	vg_price_vp uestion	q	domestic prices o	of sale vs. previou	s 2-3 months		West since 0 East since 01			monthly survey monthly survey
01/200	02/ to 02/2	002									Further information
during	the last 2-3	3 months our (n	et-) domestic sales	prices for XY wei	e [] taking chan	ges in conditions	into account				Domestic prices of sale previous month or during the last 2-3 months
					increased [1] not changed [2] decreased [3]						Because of the alignment of the survey periods by the European Union, the question was expressed by the variable 2.7) pricevpm until 11/2001
	ncies in pre	evious month	or XY were [] taki	ng changes in cor	nditions into accou	ınt					
					increased [1] not changed [2] decreased [3]						
Time	span of v	variable									
1	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
			WEST EAST				_				
2	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST											

No.	Name		Label				Survey period			Survey frequency
2.19)	vg_credit		credit allocation				West 06/2003 and since 11/			irregular monthly survey
							East 06/2003 and since 11/			irregular monthly survey
Wording of o	question									
since 07/2003 How do you eva		willingness of bank accomodating [1] normal [2] reserved [3]	г	to businesses?						Further information credit allocation 2003: June, August was a special question until 08/2008. see 3.48)
			1222							
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	



No.	Name		Label				Survey period	d		Survey frequency
2.20)	vg_statebus_	sl	state of business (\	/AS)			West since 0	3/2005		monthly survey
							East since 08	/2005		monthly survey
Wording of o	nuction									
wording or c	question									
										Further information
since 08/2005										Associated of the state of hydrogen (MAS)
Current situatio We consider ou	on r state of business	to be								Appraisal of the state of business (VAS)
						I				
		0-bad		50-sati	sfiable		100-good			
		Other than th	ne variable 2.1) stat e	e bus the state o	f business is rate	ed based on a visu	al analog scale			
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	

West since 08/2005

East since 08/2005

monthly survey

monthly survey

EAST TO THE PROPERTY OF THE PR	
No. No.	
No. Name Label Survey period Survey frequency	

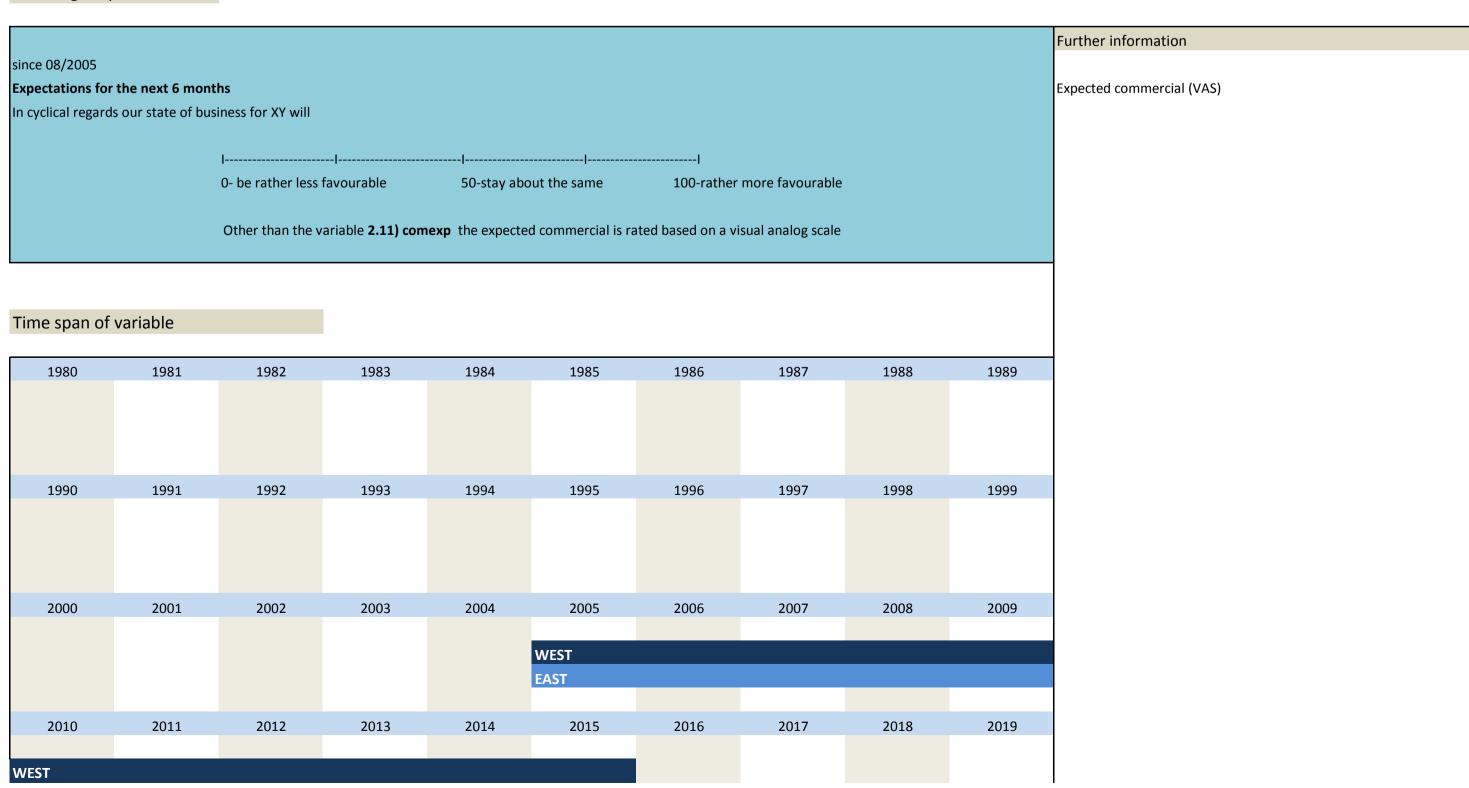
Wording of question

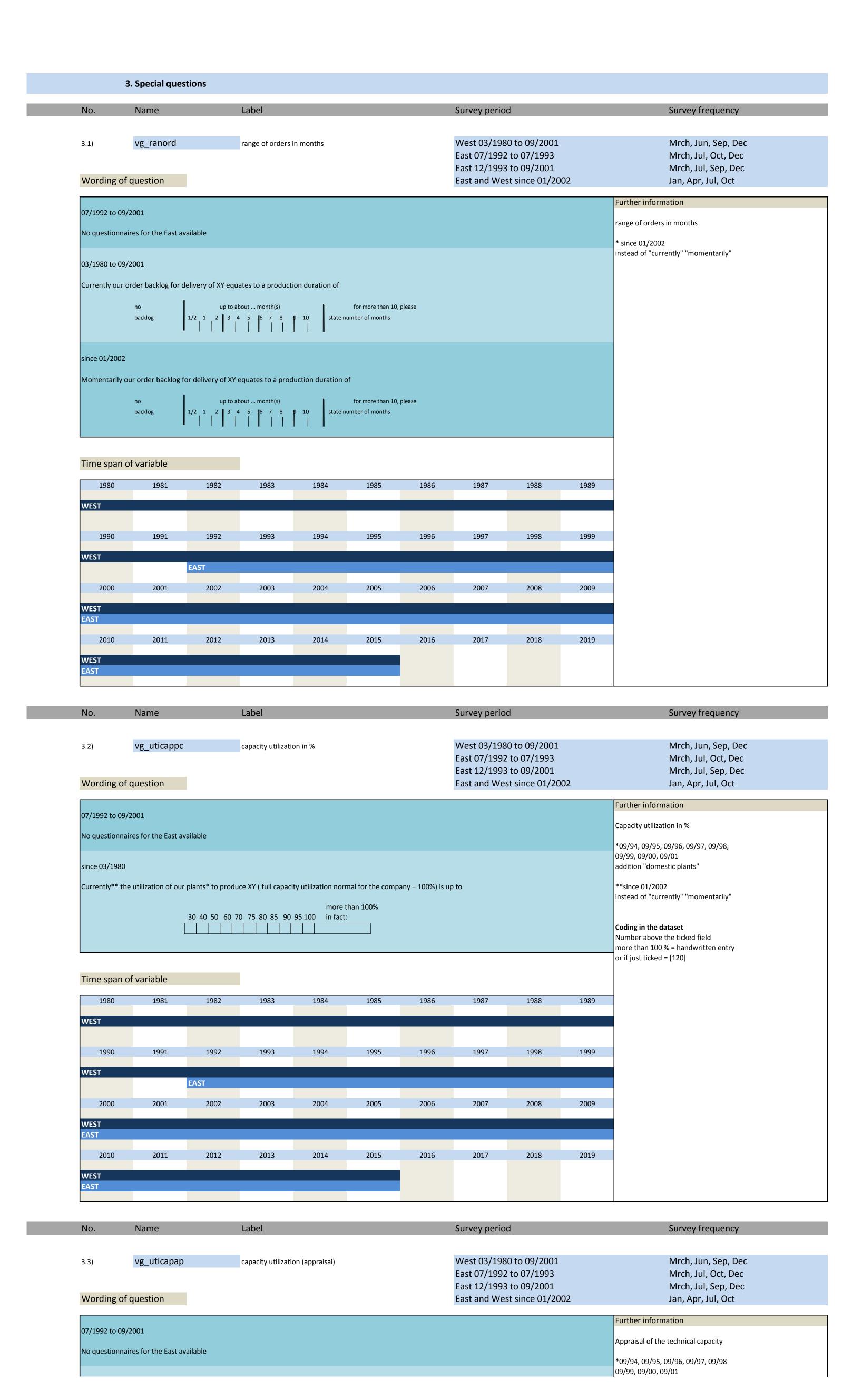
2.21)

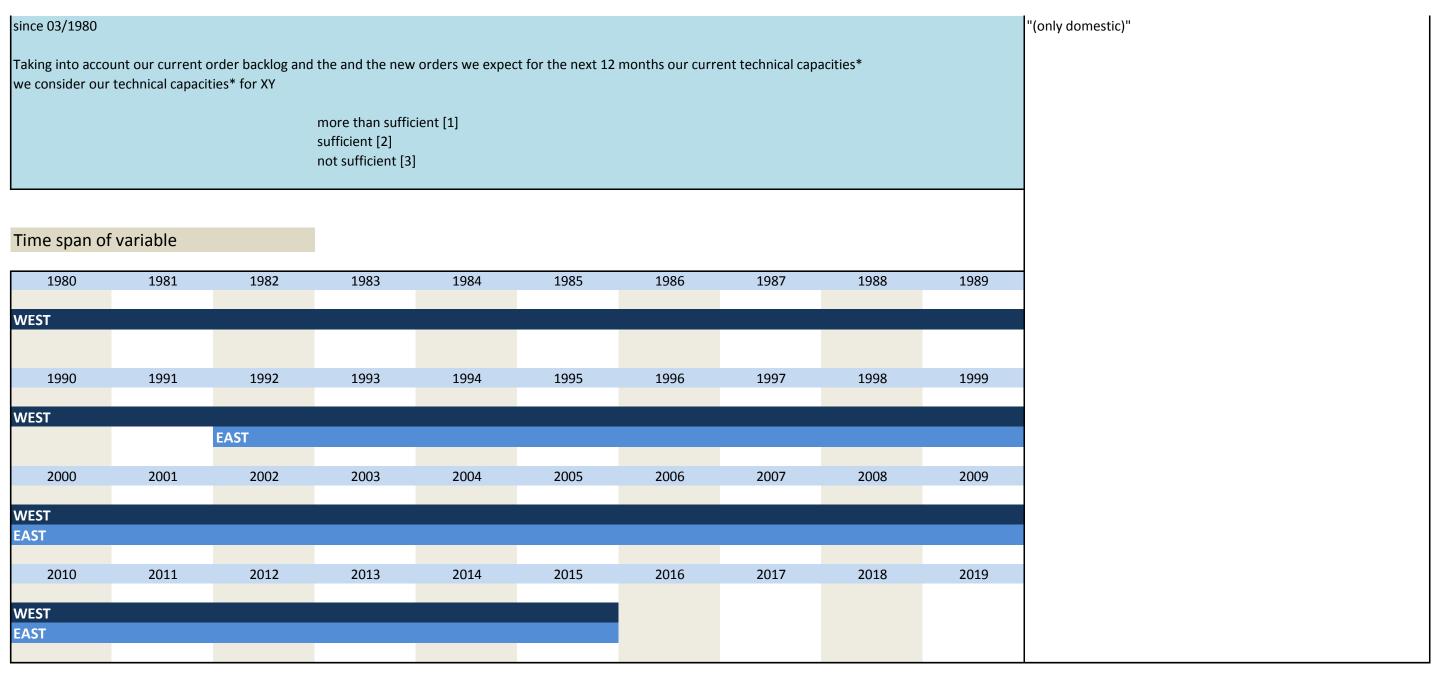
vg_comexp_sl

expected commercial (VAS)

WEST EAST

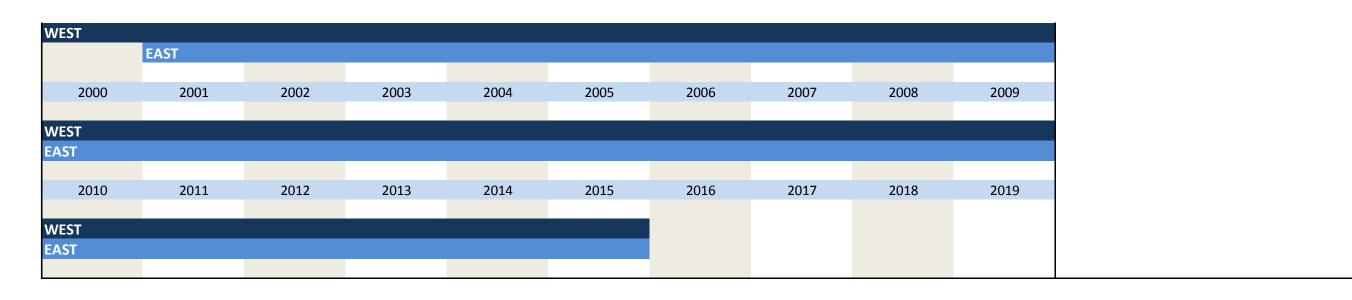






	Name		Label				Survey perio	d		Survey frequency
4)	vg_constrain		constraints to pr	roduction			West since 0			Jan, Apr, Jul, Oct
Vording o	of question	l					East 01/1991 East since 01			monthly survey Jan, Apr, Jul, Oct
vorunig c	n question						Last since of	/2001		
1/1991 to 1	.0/2001									Further information
	naires for the East av	ailahlo								Constraints to production
o questioni	idiles for the East av	allable								
1/1980 to 1	0/2001									
ur domestic	c production of XY is	currently constra	ained							
]no [2]						
		yes [1]		no [2]						
nce 01/200	2									
ur domestic	c production is curre	ntly constrained								
		yes [1]		no [2]						
		yes [1]]no [2]						
		yes [1]]no [2]						
ime span	of variable	yes [1]]no [2]						
ime span		yes [1]	1983]no [2]	1985	1986	1987	1988	1989	
1980	of variable		1983		1985	1986	1987	1988	1989	
1980	of variable		1983		1985	1986	1987	1988	1989	
1980	of variable		1983		1985	1986	1987	1988	1989	
1980 /EST 1990	1981 1991	1982		1984						
1980 VEST	of variable	1982		1984						
1980 VEST 1990	1981 1991	1982		1984						
1980 VEST 1990 VEST 2000	1981 1991 EAST	1982	1993	1984	1995	1996	1997	1998	1999	
1980 VEST 1990 VEST	1981 1991 EAST	1982	1993	1984	1995	1996	1997	1998	1999	
1980 VEST 1990 VEST 2000	1981 1991 EAST	1982	1993	1984	1995	1996	1997	1998	1999	
1980 VEST 1990 VEST 2000 VEST AST 2010	1981 1991 EAST 2001	1982	1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 VEST 1990 VEST 2000 VEST AST	1981 1991 EAST 2001	1982	1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

lo.	Name		Label				Survey perio	d		Survey frequency
.5) Vording o	vg_ordlack f question		lack of orders				West since 0 East von 01, East since 01	1991 to 12/2	000	Jan, Apr, Jul, Oct monthly survey Jan, Apr, Juli, Oct
1/1991 to 10	0/2001									Further information
	aires for the East av	ailable								Lack of orders
										*East 01/1991 to 12/2000 instead of "insufficient orders"
1/1980 to 10)/2001									"sales difficulties"
ur domestic	production of XY is If yes, by followi		rained.							
	ii yes, by luliuwi	ig ractors.	insufficient orders	* [1]						
				[+]						
nce 01/2002	2									
ur domestic	production is curre		l.							
	If yes, by followi	ng factors:								
			insufficient orders	* [1]						
ime span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
VEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	



No.	Name		Label				Survey perio	d		Survey frequency
3.6) Wording of	vg_mplack		lack of manpowe	er			West 01/198 East 01/1991 East 01/2001	to 12/2000		Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct
vvoi ding oi	question									
01/1991 to 10/	2001									Further information
No questionnai	ires for the East ava	ailable								Lack of manpower
01/1980 to 10/	1995									
Our domestic p	oroduction of XY is If yes, by following		ained.							
	ii yes, by ioliowii	ing ractors.				1				
			lack of manpowe	er [1]						
01/1996 to 10/	/2001									
Our domestic n	araduction of XV is	currently constr	ained							
Our domestic p	production of XY is If yes, by followin		ained.							
Our domestic p			ained. lack of qualified	manpower [1]]			
Our domestic p				manpower [1]]			
	If yes, by followin			manpower [1]]			
Time span o	If yes, by following	ng factors:	lack of qualified		4005	1005]	4000	4000	
Time span o	If yes, by followin			manpower [1]	1985	1986	1987	1988	1989	
Time span o	If yes, by following	ng factors:	lack of qualified		1985	1986	1987	1988	1989	
Time span o 1980 WEST	of variable 1981	ng factors:	lack of qualified 1983	1984						
Time span o 1980 WEST 1990	If yes, by following	ng factors:	lack of qualified		1985	1986	1987	1988	1989	
Time span o 1980 WEST	of variable 1981	ng factors:	lack of qualified 1983	1984						
Time span o 1980 WEST 1990 WEST	of variable 1981 1991	ng factors:	lack of qualified 1983	1984						
Time span of 1980 WEST 1990 WEST 2000	of variable 1981 1991 EAST	1982 1992	1983 1993	1984	1995	1996	1997	1998	1999	
Time span o 1980 WEST 1990 WEST	of variable 1981 1991 EAST	1982 1992	1983 1993	1984	1995	1996	1997	1998	1999	
Time span of 1980 WEST 1990 WEST 2000 WEST	of variable 1981 1991 EAST	1982 1992	1983 1993	1984	1995	1996	1997	1998	1999	
Time span of 1980 WEST 1990 WEST 2000 WEST EAST	of variable 1981 1991 EAST 2001	1982 1992 2002	lack of qualified 1983 1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

Wording of (vg_matlack question		lack of material				West since 0 East since 01			Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct
01/2001 to 10/2	2001									Further information
lo questionnai	res for the East av	ailable								Lack of material
1/1980 to 10/2	2001									
ur domestic p	roduction of XY is If yes, by followi		rained.							
			lack of raw mate pre-materials [1]							
ince 01/2002										
ur domestic p	roduction is curre If yes, by followi		l.							
			lack of raw mate pre-materials [1]							
Time span o	f variable									
1980	f variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980 VEST 1990		1982 1992	1983	1984	1985 1995	1986 1996	1987 1997	1988	1989	
1980 WEST	1981									
1980 WEST 1990 WEST 2000	1981									
1980 VEST 1990 VEST	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980 VEST 1990 VEST 2000	1981	1992	1993	1994	1995	1996	1997	1998	1999	

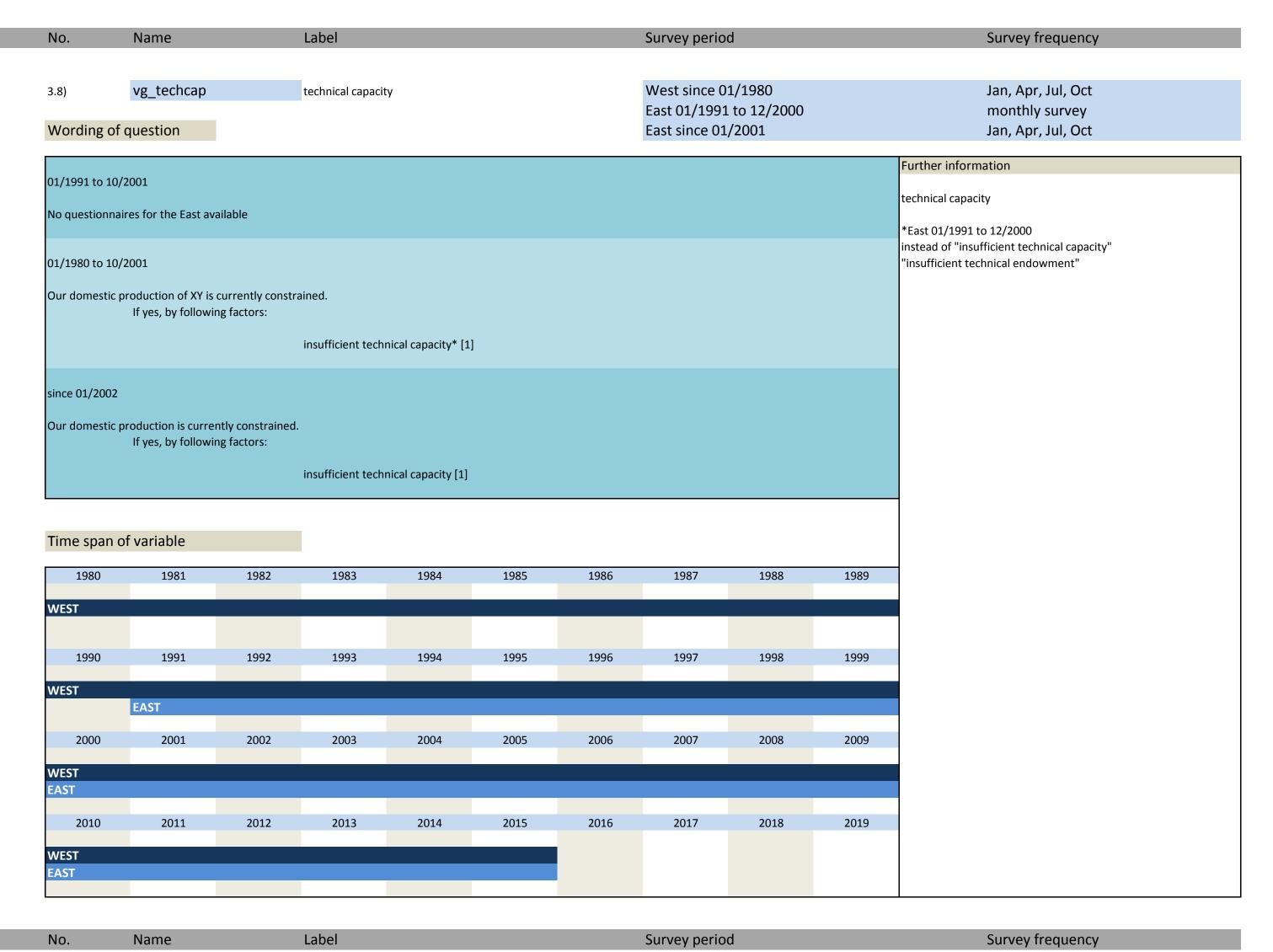
Survey period

No.

Name

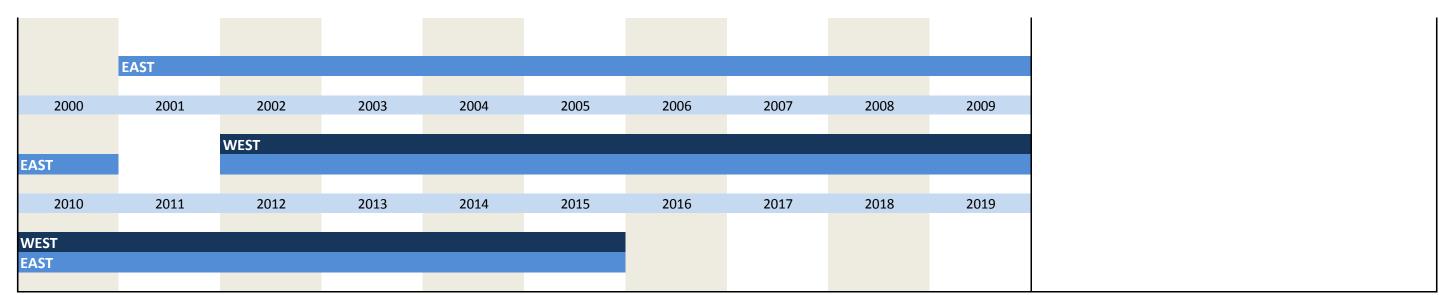
Label

Survey frequency



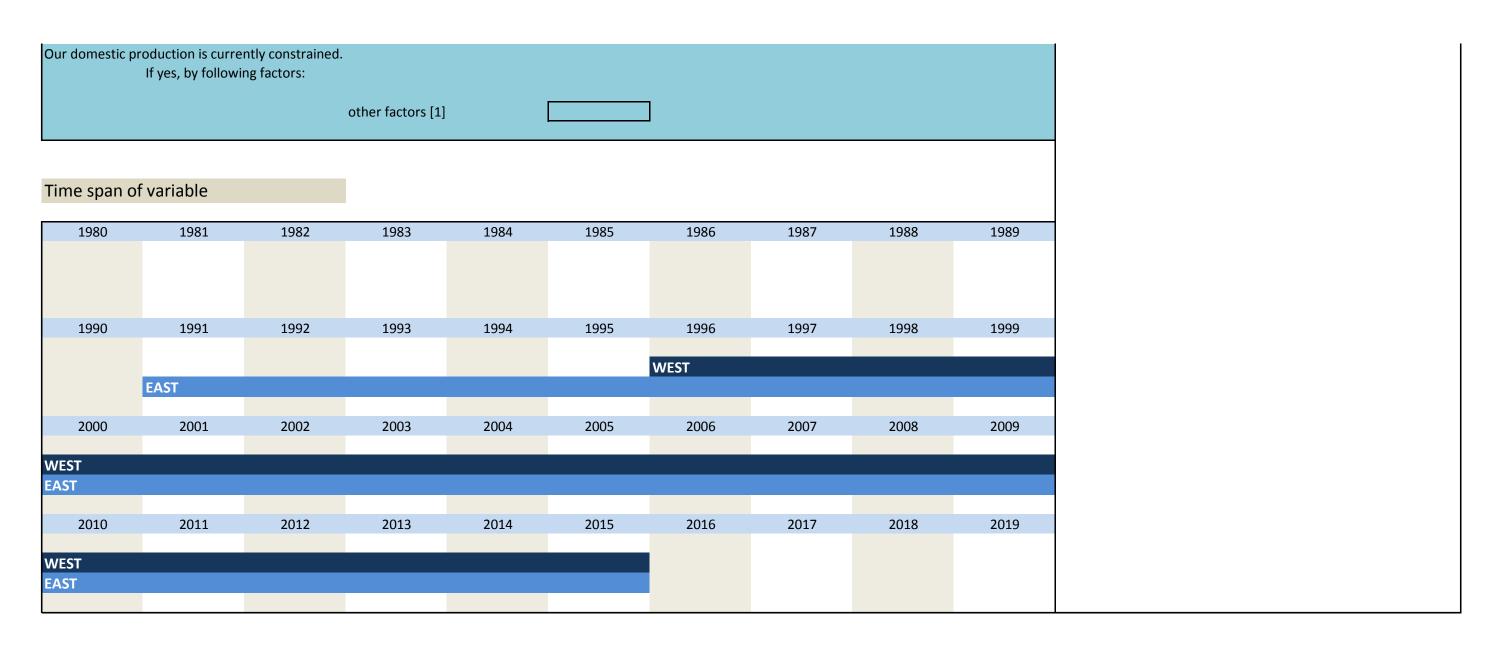
9)	vg_bastlack		lack of back staff				West 10/198	5 to 10/1995		Jan, Apr, Jul, Oct
ording of o	question									
)/1985 to 12/1	1995									Further information
	roduction of XY is	currently constra	ainad							Lack of back staff
ar domestic pi	If yes, by following		ilileu.							
		lack of manpowe								
			back staff [1]							
me span of	f variable									
me span of	f variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
me span of		1982	1983	1984	1985 WEST	1986	1987	1988	1989	
		1982	1983	1984		1986	1987	1988	1989	
		1982 1992	1983 1993	1984 1994		1986 1996	1987 1997	1988	1989 1999	
1980	1981				WEST					
1980 1990	1981				WEST					
1980 1990	1981				WEST					
1980 1990 /EST	1981 1991	1992	1993	1994	WEST 1995	1996	1997	1998	1999	
1980 1990 /EST 2000	1981 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 1990 /EST	1981 1991	1992	1993	1994	WEST 1995	1996	1997	1998	1999	

No.	Name		Label				Survey perio	t		Survey frequency
3.10) Wording of	vg_difffin question		difficulties of finan	cing			East 01/1991 East and Wes	to 12/2000 st since 01/20	02	monthly survey Jan, Apr, Jul, Oct
01/1991 to 12/ No questionna	/2000 aires for the East ava	ailable								Further information Production costraints by difficulties of financing
since 01/2002 Our domestic p	production is currer If yes, by followir		difficulties of finan	cing [1]						
Time span o		1982	1983	1984	1985	1986	1987	1988	1989	
Time span o	of variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	



	Name		Label				Survey perio	ou .		Survey frequency
3.11)	vg_weather		weather conditi	ions			East 02/1994	4 to 06/2000*		monthly survey
Wording of q	uestion									
01/1991 to 12/20	000									Further information
There are no que	estionnaires for t	he East availabl	le. The following w	vording is taken f	rom previous lists o	f variables				Production constraints by weather conditions
02/1994 to 06/20	000									*since 01/1999 sind kein Werte mehr in dem Datensatz enthalten
Our domestic pro		currently const	rained.							
	If yes, by followi									
			unfavourable w	eather condition	ıs [1]					
Time span of										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
				EAST						
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey perio	a		Survey frequency
3.12)	vg_skelllack		lack of skilled er	mployees			West 01/199			Jan, Apr, Jul, Oct
3.12) Wording of q			lack of skilled er	mployees				91 to 10/1995 st since 01/20		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct
Wording of q			lack of skilled er	mployees						
Wording of q	uestion	currently const		mployees						Jan, Apr, Jul, Oct
Wording of q since 01/2002 Our domestic pro	uestion			mployees						Jan, Apr, Jul, Oct Further information
Wording of q since 01/2002 Our domestic pro	uestion oduction of XY is									Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q	oduction of XY is If yes, by followi		rained.							Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q since 01/2002 Our domestic pro	oduction of XY is If yes, by followi	ng factors:	crained. Lack of skilled e	mployees [1]	1005	1005	East and We	st since 01/20	002	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q	oduction of XY is If yes, by followi		rained.		1985	1986				Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q since 01/2002 Our domestic pro	oduction of XY is If yes, by followi	ng factors:	crained. Lack of skilled e	mployees [1]	1985	1986	East and We	st since 01/20	002	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q since 01/2002 Our domestic pro Time span of 1980	oduction of XY is If yes, by followi variable 1981	ng factors:	crained. Lack of skilled e	mployees [1]	1985	1986	East and We	st since 01/20	002	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q since 01/2002 Our domestic pro Time span of 1980	oduction of XY is If yes, by following variable 1981	ng factors:	trained. Lack of skilled en	mployees [1]			East and We	1988	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q since 01/2002 Our domestic pro Time span of 1980	oduction of XY is If yes, by followi variable 1981	ng factors:	trained. Lack of skilled en	mployees [1]			East and We	1988	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of questions of questio	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001	1982 1992 2002 WEST	Lack of skilled en	mployees [1] 1984 1994	1995	1996	1987 1997	1988 1998	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of questions of the span of the sp	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001	1982 1992 2002 WEST EAST	Lack of skilled end of the skilled end of skilled e	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007	1988 1998 2008	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of questions of questio	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001	1982 1992 2002 WEST	Lack of skilled en	mployees [1] 1984 1994	1995	1996	1987 1997	1988 1998	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of questions of questio	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001	1982 1992 2002 WEST EAST	Lack of skilled end of the skilled end of skilled e	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007	1988 1998 2008	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q since 01/2002 Our domestic pro 1980 1990 2000 WEST EAST	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001	1982 1992 2002 WEST EAST	1983 1993 2003	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007	1988 1998 2008	1989	Further information Lack of skilled employees * see variable 3.6) mplack
Wording of q since 01/2002 Our domestic pro 1980 1990 2000 WEST EAST	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001	1982 1992 2002 WEST EAST	Lack of skilled end of the skilled end of skilled e	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007	1988 1998 2008	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of questions of questio	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001	1982 1992 2002 WEST EAST	1983 1993 2003	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007 Survey perio West since 0	1988 1998 2008 2018	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees * see variable 3.6) mplack Survey frequency Jan, Apr, Jul, Oct
Wording of questions of questio	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001 Name vg_othrea	1982 1992 2002 WEST EAST	Lack of skilled ends of skille	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007 Survey perio	1988 1998 2008 2018	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees * see variable 3.6) mplack Survey frequency
Wording of q since 01/2002 Our domestic pro 1980 1990 2000 2010 WEST EAST No. 3.13) Wording of q	oduction of XY is If yes, by following variable 1981 1991 WEST 2001 Name vg_othrea uestion	1982 1992 2002 WEST EAST	Lack of skilled ends of skille	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007 Survey perio West since 0 East 01/1991	1988 1998 2008 2018	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees * see variable 3.6) mplack Survey frequency Jan, Apr, Jul, Oct monthly survey
Wording of questions of questio	oduction of XY is If yes, by following variable 1981 1991 WEST 2001 Name vg_othrea uestion 001	1982 1992 2002 WEST EAST 2012	Lack of skilled ends of skille	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007 Survey perio West since 0 East 01/1991	1988 1998 2008 2018	1989	Further information Lack of skilled employees * see variable 3.6) mplack Survey frequency Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct
Wording of q since 01/2002 Our domestic pro 1980 1990 2000 2010 WEST EAST No. 3.13) Wording of q	oduction of XY is If yes, by following variable 1981 1991 WEST 2001 Name vg_othrea uestion 001	1982 1992 2002 WEST EAST 2012	Lack of skilled ends of skille	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007 Survey perio West since 0 East 01/1991	1988 1998 2008 2018	1989	Further information Lack of skilled employees * see variable 3.6) mplack Survey frequency Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct Further information
Wording of questions of questions of questionnaire of que	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001 Name vg_othrea uestion 001 es for the East av 001	1982 1992 2002 WEST EAST 2012	1983 1993 2003 Label other reasons	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007 Survey perio West since 0 East 01/1991	1988 1998 2008 2018	1989	Further information Lack of skilled employees * see variable 3.6) mplack Survey frequency Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct Further information
Wording of questions of questions of questionnaire of que	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001 Name vg_othrea uestion 001 es for the East av 001	1982 1992 2002 WEST EAST 2012	1983 1993 2003 Label other reasons	mployees [1] 1984 1994 2004	2005	1996 2006	1987 1997 2007 Survey perio West since 0 East 01/1991	1988 1998 2008 2018	1989	Further information Lack of skilled employees * see variable 3.6) mplack Survey frequency Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct Further information

since 01/2002



No.	Name		Label				Survey perio	d		Survey frequency
3.14)	vg_proexpen		product too exp	ensive			East 01/1992	1 to 12/2000		monthly survey
Wording of	f question									
01/1991 to 12	/2000									Further information
	aires for the East ava	ailable. The follo	owing wording is to	aken from previou	us lists of variable	es				Products too expensive
<u>'</u>				•						
01/1991 to 12	/2000									
Our domestic	production of XY is of If yes, by following									
			Products are too	expensive [1]]			
Time snan	of variable									
	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	
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010				-0- /		2020				

Label

Label

No.

No.

Name

Name

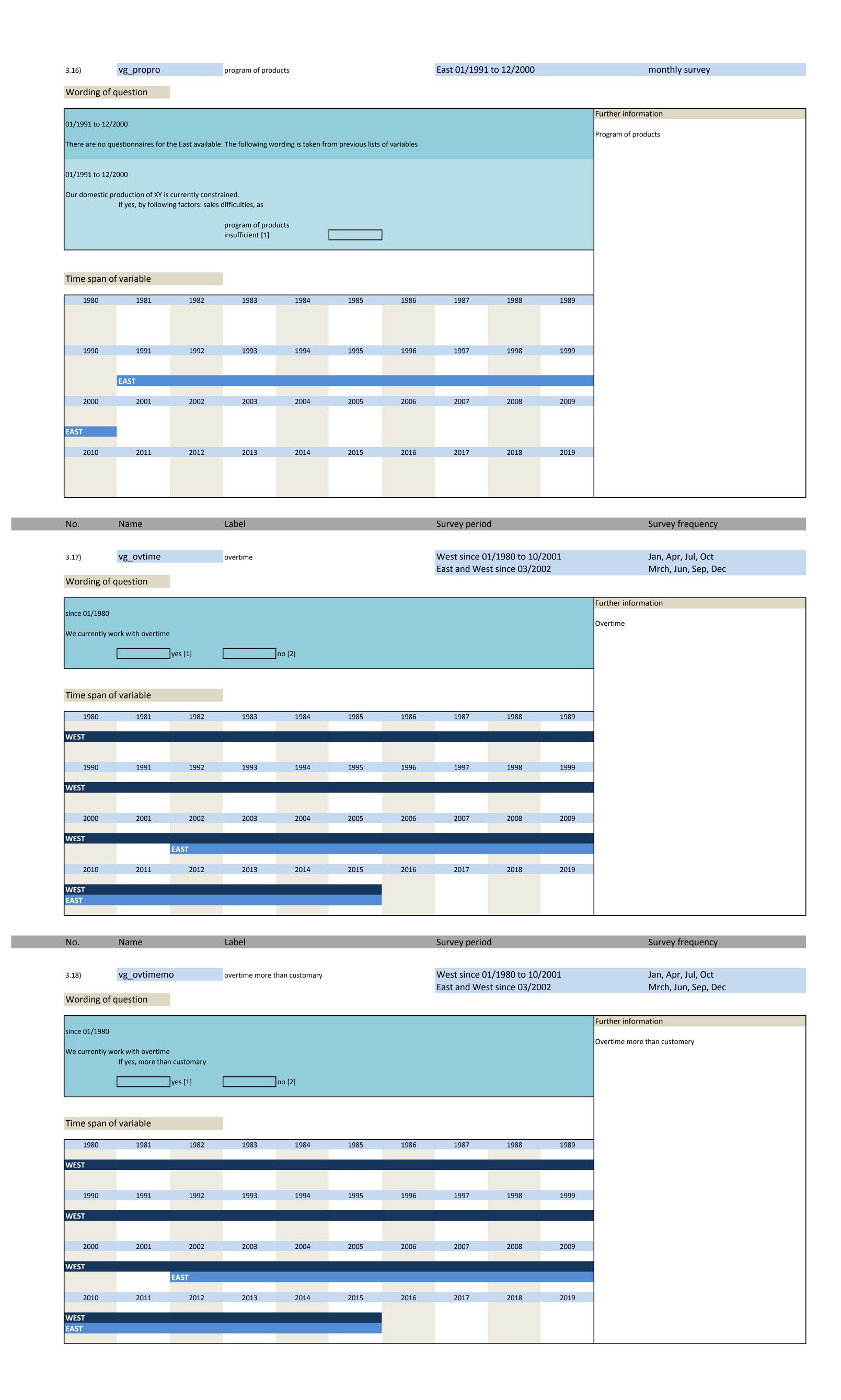
.15)	vg_proqual		quality of produc	cts			East 01/1991	to 12/2000		monthly survey
Vording of (question									
										From the angle of a manager of the second of
1/1991 to 12/2	2000									Further information
here are no qu	uestionnaires for th	ne Fact available	The following we	ording is taken fr	om provious lists	of variables				Quality of product
nere are no qu	icstionnancs for th	ic East available.	The following we	ording is taken in	om previous lists	or variables				
1/1991 to 12/2	2000									
	roduction of XY is	currently constra	ined							
di domestic p	If yes, by following									
			quality of produc	ct						
			insufficient [1]							
ime span o	f 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	
AST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Survey period

Survey frequency

Survey frequency

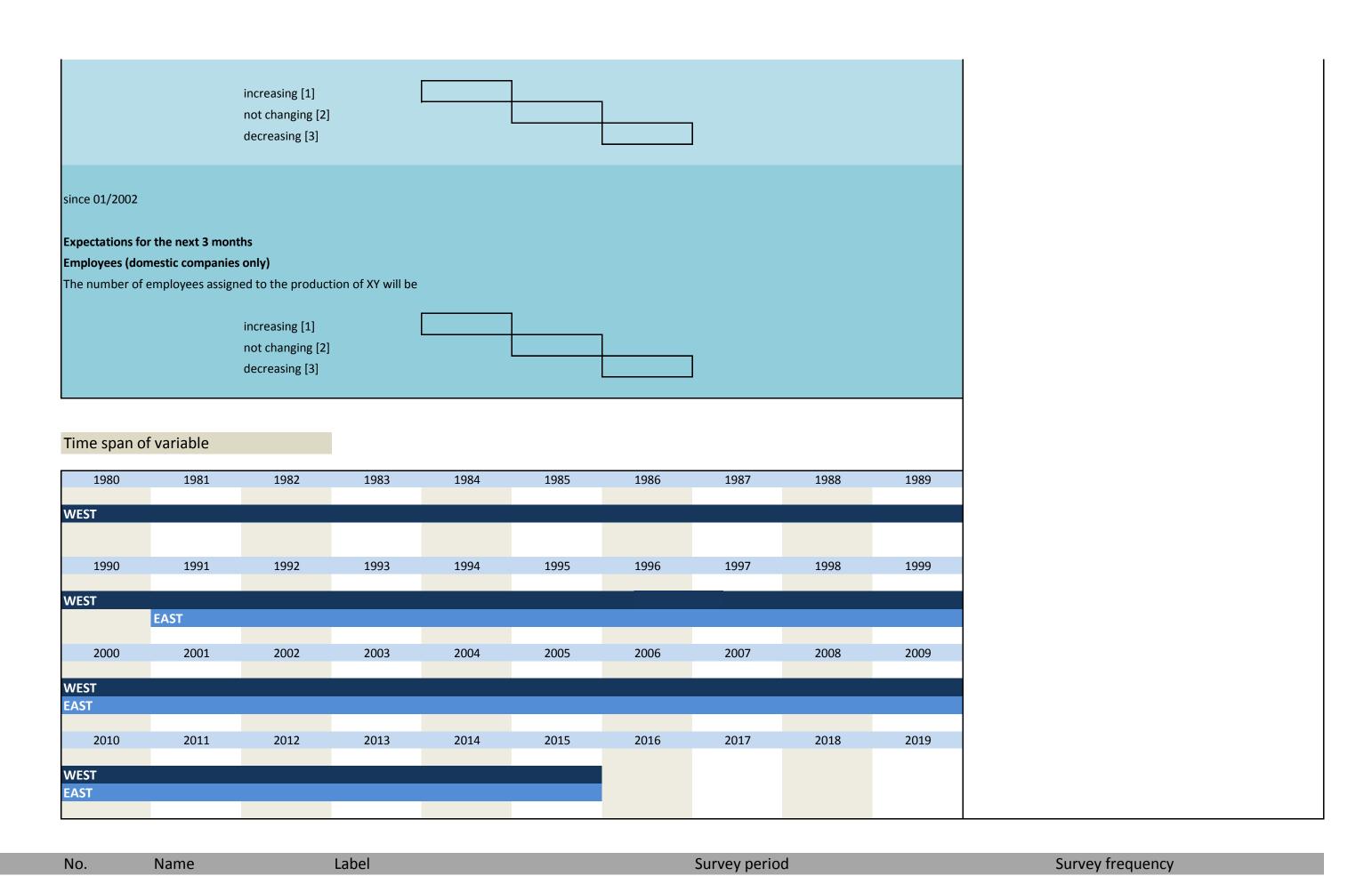
Survey period



No.	Name		Label				Survey perio	d		Survey frequency
3.19)	vg_stwork		short-time work				West 01/198	0 to 10/2001		Jan, Apr, Jul, Oct
,	8						East 01/1992			monthly survey
							East 01/2002			Jan, Apr, Jul, Oct
Wording of	auestion							st since 01/20	02	Mrch, Jun, Sep, Dec
	40.000.011						Last and Tro	oc ooc o <u>-</u> , <u>-</u> o	-	стубан, бер, вес
										Further information
01/1991 to 10/	2001									Short-time work
No questionnai	ires for the East av	vailable								Short time work
since 01/1980										
We currently h	ave short-time wo	ork								
		yes [1]		no [2]						
										4
Time span o	of variable									
•										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2004		2000	•••		2005		••••	••••	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	2012	2012	2014	2015	2016	2017	2010	2010	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

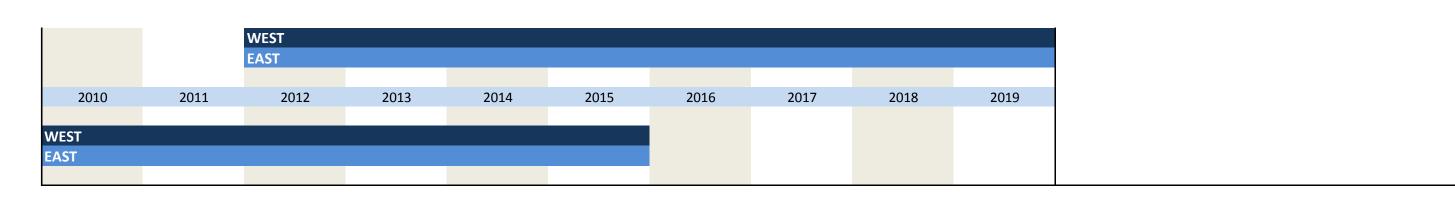
	Name		Label				Survey perio	d		Survey frequency
3.20)	vg_stworkexp	ס	expected short-t	time work				0 to 10/2001		Jan, Apr, Jul, Oct
							East 01/1991			monthly survey
							East 01/2001			Jan, Apr, Jul, Oct
Wording o	f question						East and Wes	st since 01/20	02	Mrch, Jun, Sep, Dec
01/1991 to 10	0/2001									Further information
01/1991 (0 10	3/2001									Expected short-time work
No questionn	aires for the East ava	ailable								
04/4000 + 40	0/2004									
01/1980 to 10	0/2001									
During the ne	ext 3 months we willl	expectedly work	short-time							
		yes [1]		no [2]						
		, 👓 [±]		Jo (=)						
: 02/2002										
since 03/2002	2									
During the ne	ext 3 months we will o	expectedly work	short-time							
During the ne				lno (2)						
During the ne		expectedly work yes [1]		no [2]						
During the ne				no [2]						
				no [2]						
Time span	of variable	yes [1]								
				no [2]	1985	1986	1987	1988	1989	
Time span	of variable	yes [1]			1985	1986	1987	1988	1989	
Time span	of variable	yes [1]			1985	1986	1987	1988	1989	
Time span 1980 WEST	of variable	yes [1]	1983	1984						
Time span	of variable	yes [1]			1985	1986	1987	1988	1989	
Time span 1980 WEST	of variable 1981 1991	yes [1]	1983	1984						
Time span 1980 WEST 1990	of variable	yes [1]	1983	1984						
Time span 1980 WEST 1990	of variable 1981 1991 EAST	1982 1992	1983	1984		1996	1997	1998		
Time span 1980 WEST 1990 WEST	of variable 1981 1991	yes [1]	1983	1984	1995				1999	
Time span 1980 WEST 1990 WEST 2000 WEST	of variable 1981 1991 EAST	1982 1992	1983	1984	1995	1996	1997	1998	1999	
Time span 1980 WEST 1990 WEST	of variable 1981 1991 EAST	1982 1992	1983	1984	1995	1996	1997	1998	1999	
Time span 1980 WEST 1990 WEST 2000 WEST	of variable 1981 1991 EAST	1982 1992	1983	1984	1995	1996	1997	1998	1999	
Time span 1980 WEST 1990 WEST 2000 WEST EAST 2010	of variable 1981 1991 EAST 2001	1982 1992 2002	1983 1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
Time span 1980 WEST 1990 WEST 2000 WEST EAST	of variable 1981 1991 EAST 2001	1982 1992 2002	1983 1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

No.	Name	Label		Survey period	Survey frequency
01/1980 to E mployees During the I	(domestic companies only) next 3 months the number of e regards - therefore by eliminati increasi	nging [2]	of XY will be	West 01/1980 to 04/1997 and since 07/1997 East since 01/1991	Jan, Apr, Jul, Oct* monthly survey monthly survey Further information Expected development of the number of total employees *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)
07/1997 to E mployees	11/2001 (domestic companies only)				



2)	vg_empl	e	employees 12 m	onth			West 10/198	0 to 10/1993		annual survey *
ording of	question									
/1980 to 10/ nployees cyclical regar ring the next	rds - therefore by	eliminating purely s increasing [1] not changing [2]		ions - the number 3 months*	r of employees as from month un		roduction of XY wi	ll be		Further information Employees expectations *The expected occupation during the next 3 months is recorded by the variable "emplexp". see 3.13) 10/1990 to 10/1993 **additionally "from month under report on"
me span c	of variable 1981	decreasing [3]	1983	1984	1985	1986	1987	1988	1989	* annual survey in October
ECT										
VEST										
1990 VEST	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	2001	2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

	Name		Label				Survey period	d		Survey frequency
										· ·
)	vg_prof		profit situation				West since 0			May, Sep
							East since 06	/2002*		May, Sep
ording of	question									
- 05/2002										Further information
ce 06/2002										Current profit situation
	and developmen	t								*in 2002: June and September
currently co	onsider the profit	situation of our co	ompany - measure	ed by the operati	ing results from c	ustomary busine	ss operations - to	be		iii 2002. Julie and September
										The question was fed into an own dataset
		good [1]								for the East 12/1995 to 11/2001
		satisfying [2]								
		satisfying [2]								
ne span o	of variable	satisfying [2]								
		satisfying [2] bad [3]	1002	1004	1005	1096	1007	1000	1000	
ne span o	of variable 1981	satisfying [2]	1983	1984	1985	1986	1987	1988	1989	
		satisfying [2] bad [3]	1983	1984	1985	1986	1987	1988	1989	
		satisfying [2] bad [3]	1983	1984	1985	1986	1987	1988	1989	
		satisfying [2] bad [3]	1983	1984	1985	1986	1987	1988	1989	
1980	1981	satisfying [2] bad [3]								
1980	1981	satisfying [2] bad [3]								



No.	Name		Label				Survey perio	d		Survey frequency
.24)	vg_profch		change of profit	situation			West since 0	6/2002*		May, Sep
							East since 06	/2002*		May, Sep
Nording of	f question									
										Further information
ince 06/2002										Change of profit situation compared to previous quarter
rofit situation	n and developmen	t								change of profit situation compared to previous quarter
]		· · · · ·								
s compared t	to fall 20## the pro	fit situation of ou	r company - mea	sured by the ope	rating results from	n customary bus	siness operations	-		
		1								*in 2002: June and September
		improved [1] did not change [[2]							In May the wording of the question is:
		deteriorated [3]								"As compared to fall 20##"
										It is inquired after previous fall e.g. May 2003:
										"As compared to fall 2002"
ime span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	In september the wording of the question is: "As compared to the 1st quarter of 20##"
2000				250 .	2500		2007	2500		it is inquired after the first quarter of the current year
										e.g. September 2004:
										"As compared to the 1st quarter of 2004"
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	The question was fed into an own dataset
										The question was fed into an own dataset for the East 12/1995 to 11/2001
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
		WEST EAST	_	_	_	_	_	_	_	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
VEST										
AST										
731										

Survey period

No.

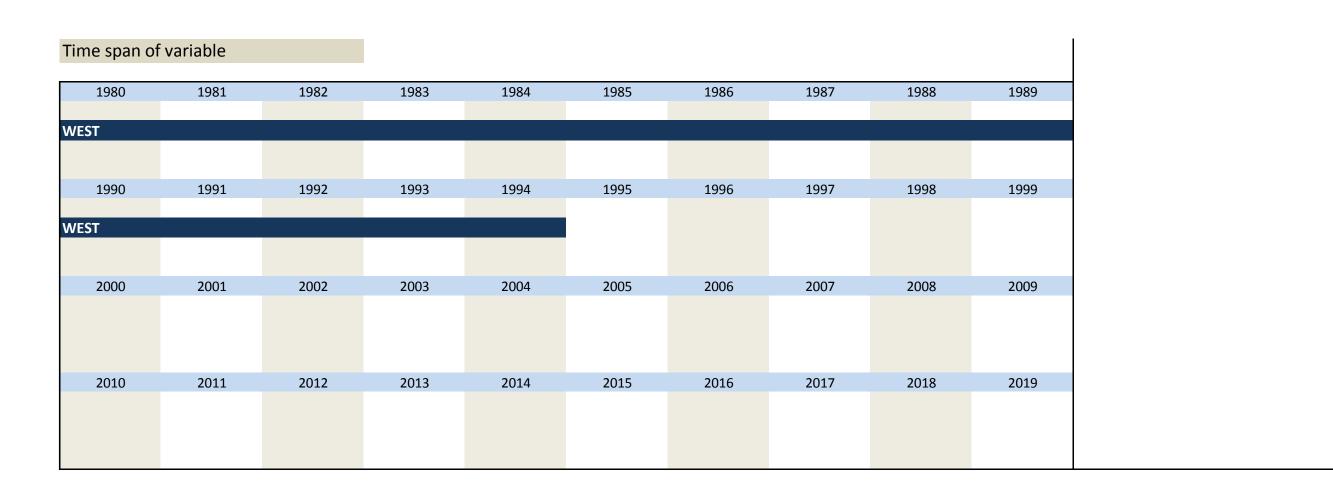
Name

Label

Survey frequency

.25)	vg_hcount		headcount				West since 09 East since 09			Mrch, Jun, Sep, Dec Mrch, Jun, Sep, Dec
ording of o	question									
9/1994 to 12/2	2001									Further information
		9.11							Development of the headcount	
o questionnair	res for the East a	valiable							* no inquiry in Dec 2001 but in Nov 2001	
nce 03/2002										
/e consider ou	r head count wit	h respect to the e	expected sales dev	velopment of XY o	luring the next 12	months to be				
		relatively high [2	1]							
		(e.g. reduction of st	aff neccessary)							
		enough [2]								
		too low [3]		l						
		too low [3] (e.g. additional staff	f neccessary)							
			f neccessary)							
ime span o	f variable		f neccessary)							
ime span of	f variable		f neccessary)	1984	1985	1986	1987	1988	1989	
		(e.g. additional staf		1984	1985	1986	1987	1988	1989	
		(e.g. additional staf		1984	1985	1986	1987	1988	1989	
		(e.g. additional staf		1984	1985	1986	1987	1988	1989	
	1981	(e.g. additional staff	1983	1994						
1980	1981	(e.g. additional staff	1983							
1980	1981	(e.g. additional staff	1983	1994						
1980 1990 2000	1981 1991	1982	1983	1994 EAST	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1991	1982 1992 2002	1983	1994 EAST	1995	1996	1997	1998	1999	
1980 1990	1981 1991	1982 1992 2002	1983	1994 EAST	1995	1996	1997	1998	1999	

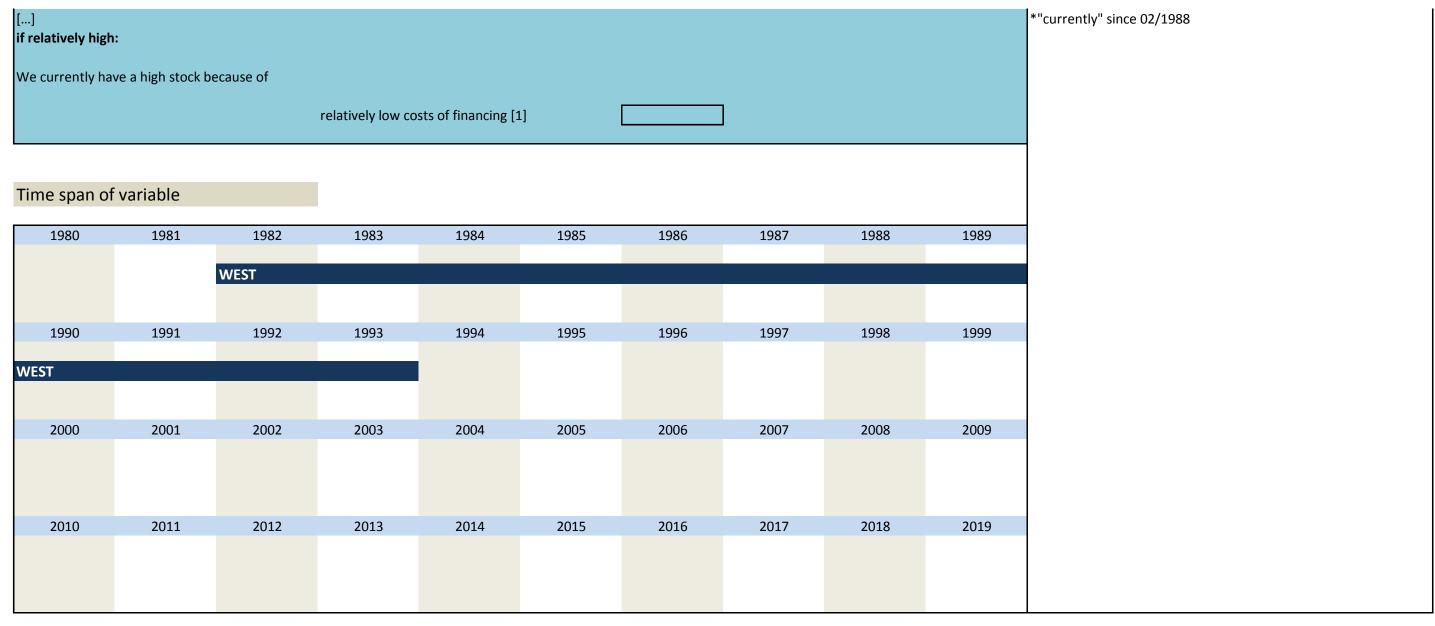
No.	Name	Label	Survey period	Survey frequency
3.26)	vg_fest	feedstock	West 02/1980 to 05/1994	Feb, May, Aug, Nov
Wording o	f question			
since 02/1980)			Further information feedstock
Feedstock Our stock of t	he most important raw materials a	and pre-materials to produce XY is currently		
	relatively high normal [2] relatively low stock-keeping	Not inquired in November 1981		



No.	Name		Label				Survey perio	d		Survey frequency
3.27)	vg_proenl		enlargement of p	oroduction			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Wording of	auestion									
	9.000.011									
since 08/1981										Further information
Feedstock										enlargement of production
	e most important r	raw materials an	d pre-materials to	produce XY is cu	urrently					
[] f relatively hig	h:									*"currently" since 02/1988
		sauca of								
we currently no	ave a high stock be									
			enlargement of p	production [1]						
Time span o	of variable									
		4000	1000	1001	400=	4000	400=	1000	1000	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
										1
N1 -			I ala al				C			C f

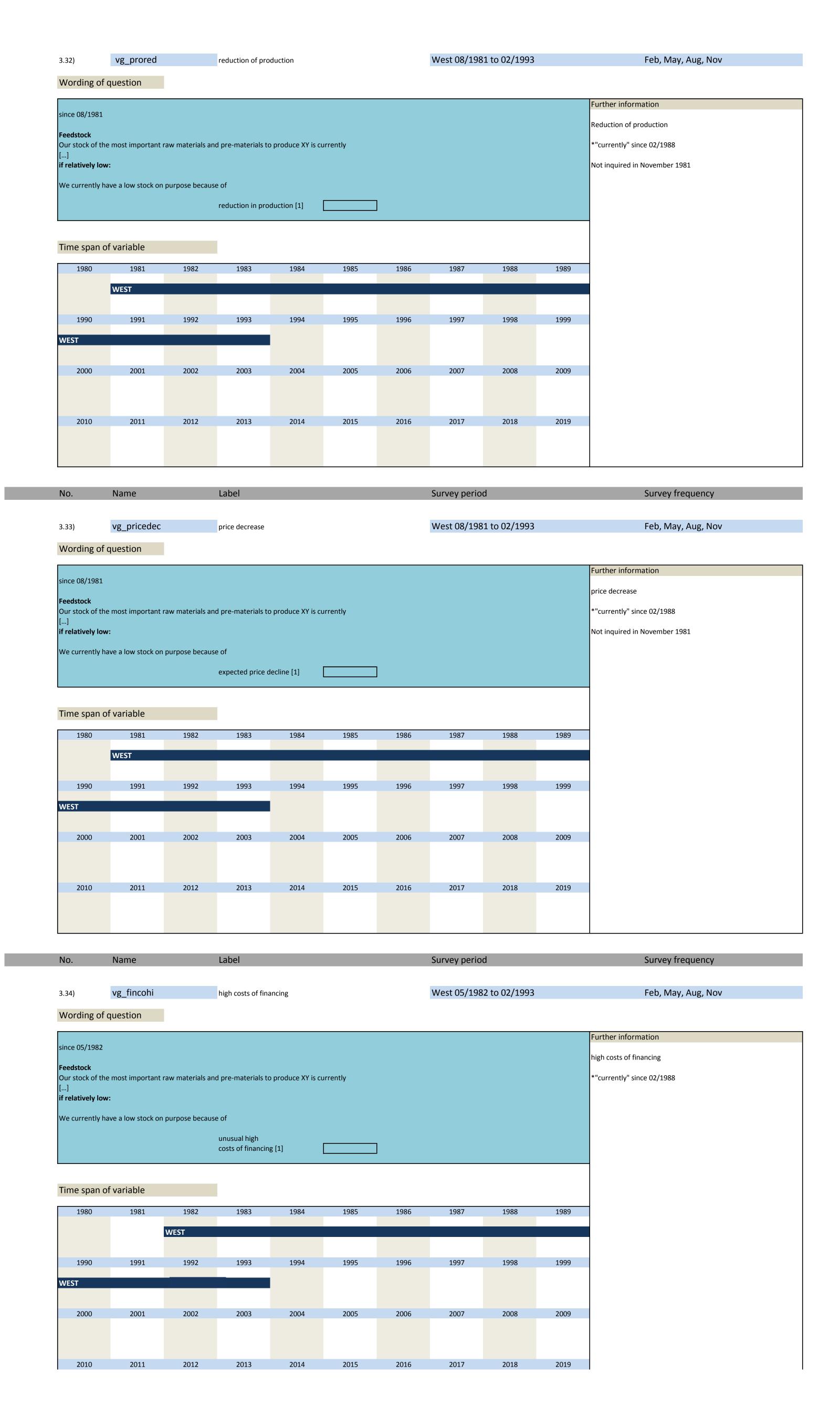
No.	Name		Label				Survey perio	d		Survey frequency
3.28)	vg_priceinc		increase in price				West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Wording of o	nuestion									
wording or c	question									
since 08/1981										Further information
										Increase in price
Feedstock Our stock of the	most important r	raw materials and	d pre-materials to	produce XY is cu	ırrently					
[]			о р . о т. асо. тако	p. 0 d d 0 0 1 1 1 0 0 0	,					*"currently" since 02/1988
if relatively high	1:									Not inquired in November 1981
We currently ha	ve a high stock be	ecause of								
			expected increas	e in price [1]						
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
4000	4004	4000	4000	4004	4005	4006	4007	4000	4000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name	Label	Survey period	Survey frequency
3.29)	vg_fincolow	low costs of financing	West 05/1982 to 02/1993	Feb, May, Aug, Nov
Wording o				
wording o	question			
				Further information
since 05/1982	2			
				low costs of financing
Feedstock				
Our stock of t	the most important raw materials			



	Name		Label				Survey perio	d		Survey frequency
0)	vg_diffsup1		difficulties of sup	oply			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
ording o	fquestion									
00/4004										Further information
ce 08/1981										difficulties of supply
	ne most important	raw materials a	nd pre-materials to	produce XY is cu	urrently					*"currently" since 02/1988
elatively hi										Not inquired in November 1981
currently	have a high stock b	ecause of								
			difficulties of sup	oply [1]						
me span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981 WEST	1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985 1995	1986 1996	1987	1988	1989 1999	
	WEST									
1990 EST	WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	WEST									
1990 EST	WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990 EST 2000	1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	2007	1998 2008	1999 2009	
1990 EST	WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990 EST 2000	1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	2007	1998 2008	1999 2009	

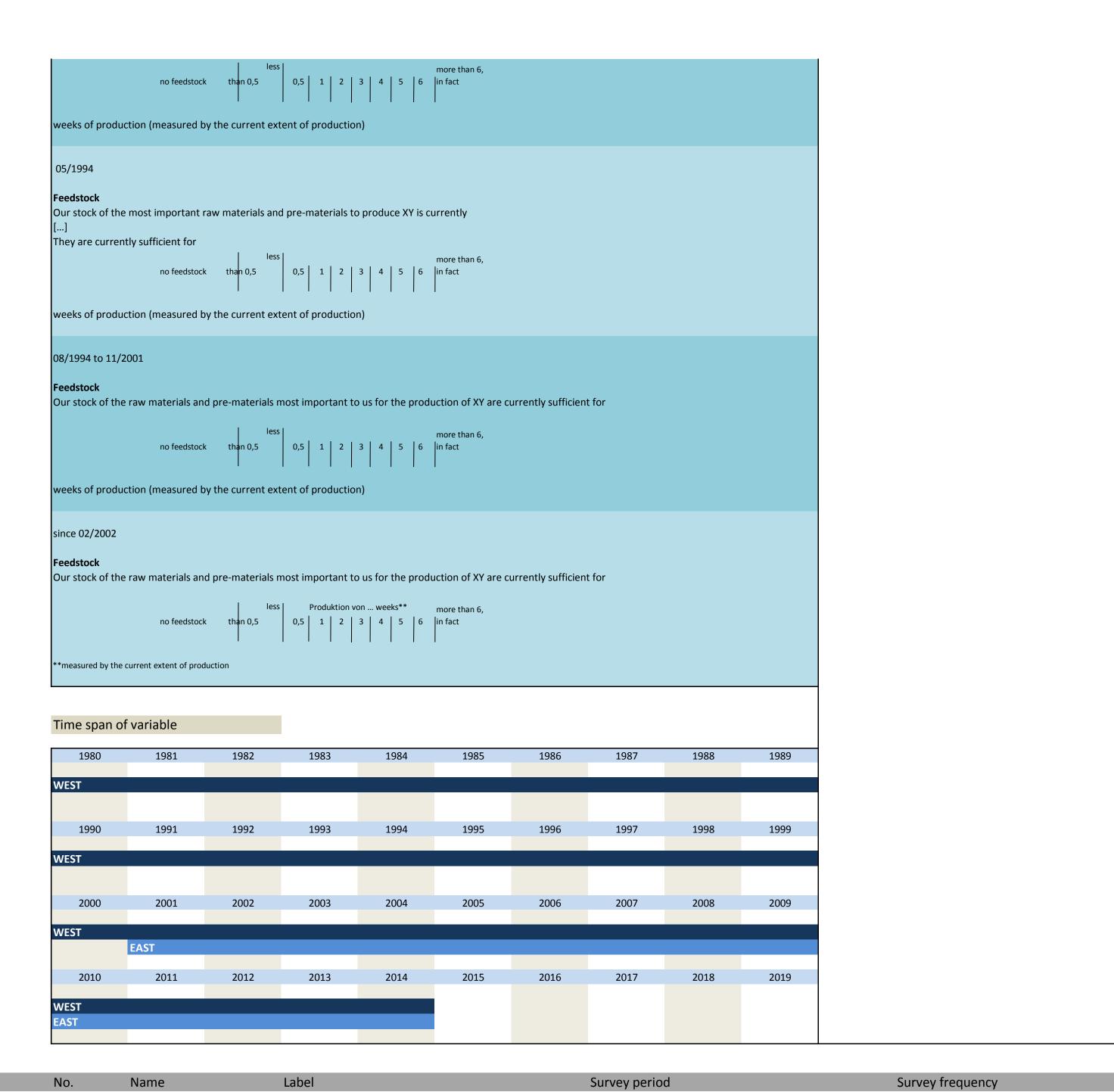
No.	Name		Label				Survey perio	d		Survey frequency
3.31)	vg_weaken		weakening				West 08/198	31 to 02/1993		Feb, May, Aug, Nov
Wording of	question									
since 08/1981										Further information
Feedstock										weakening
	ne most important	raw materials ar	nd pre-materials to	produce XY is cu	irrently					*"currently" since 02/1988
ا…] if relatively hig	gh:									Not inquired in November 1981
We currently h	nave a high stock be	ecause of								
			The feedstock in	creased due to a						
			a weakening (in]			
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1900		1302	1363	1504	1903	1380	1367	1900	1909	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	1331	1332	1333	1331	1333	1330	1337	1330	1333	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	



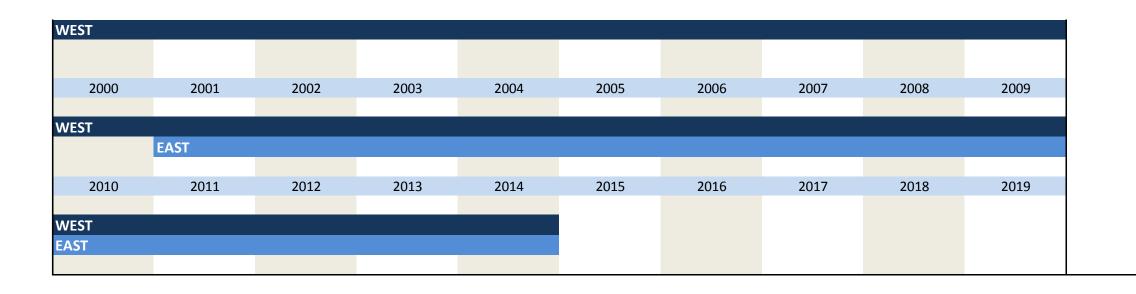
lo.	Name		Label				Survey perio	d		Survey frequency
.35)	vg_diffsup2		difficulties of sup	pply			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Vording of	guestion									
-										From the angle of a manager of
nce 08/1981										Further information
eedstock										Difficulties of supply
ur stock of the	e most important r	aw materials an	d pre-materials to	produce XY is c	urrently					Not inquired in November 1981
] relatively low	/:									
	oecame scarce due	to								
ne reeustock t	Secame scarce due	10								
			difficulties of sup	oply [1]						
ïme span o	f variable									
		4002	1000	4004	4005	1005	4007	4000	1000	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
VEST										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001									
2000	2001									
2000	2001									
2000	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		2012	2013	2014	2015	2016	2017	2018	2019	
		2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name		Label				Survey perio	d		Survey frequency
3.36)	vg_strength		strengthening				West 08/198	31 to 02/1993		Feb, May, Aug, Nov
Wording of	question									
	•									Further information
since 08/1981										strengthened production
Feedstock	e most important i	raw materials ar	nd pre-materials to	nroduce XV is c	ırrently					Not inquired in November 1981
[]		raw materials ar	ia pre materiais te	produce X1 is et	arrentity					Not inquired in November 1361
if relatively low										
rne reeastock b	pecame scarce due	2 10		advetice [4]						
			strengthened pr	oduction [1]						
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	
	1331	1992	1333	1334	1933	1330	1557	1338	1333	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name	Label	Survey period	Survey frequency
3.37)	vg_festwe	feedstock in weeks	West 02/1980 - 11/2014	Feb, May, Aug, Nov
			East 02/2001 - 11/2014	Feb, May, Aug, Nov
Wording	g of question			
				Further information
02/2001 to	11/2001			
No question	nnaires for the East available			Feedstock in weeks
no questioi	illialies for the East available			meaning in dataset:
				"no feedstock" = 0 weeks
02/1980 to	08/1981			"less than 1/2" = 0,3 weeks
Foodstool:				"more than 6, in fact", but just ticked
Feedstock	ock is currently sufficient for			= 8 weeks
our recuste	ock is currently sufficient for			
		less than		
weeks of pr	roduction (measured by the	current extent of production)		
11/1981 to	02/1994			
Feedstock				
	of the raw materials and pre-	materials most important to us are currently sufficient fo	or	



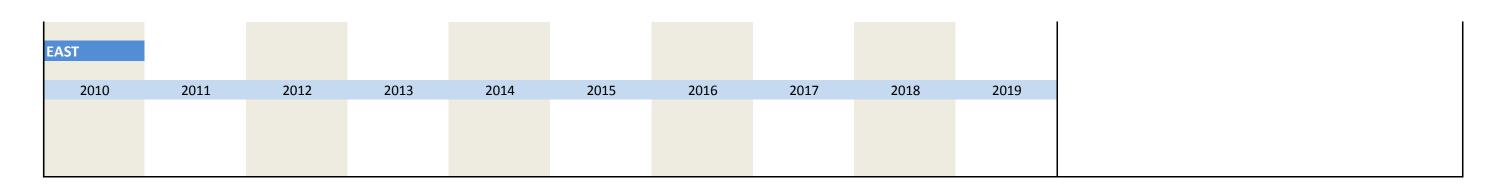
NO.	Name		Labei				Survey perio	u		Survey frequency
3.38)	vg_stinwe		stock of invento	ries in weeks			West 02/198	30 - 11/2014		Feb, May, Aug, Nov
.501	18_3111		Stock of invento	Weeks			East 02/200			Feb, May, Aug, Nov
Vording of	question						2031 02/200	1 11/2011		1 22, 1114, 1145, 1161
0 .	4									
)2/2001 to 11/	/2001									Further information
)2/2001 to 11/	2001									Stock of inventories in weeks in weeks
No questionnai	ires for the East av	vailable								
										* 08/1980 "no stock of inventories" = 0 weeks
02/1980 to 08/	1981									"less than 1/2" = 0,3 weeks
Stock of invent	torios									"more than 6, in fact", but just ticked = 8 weeks
	nsold finished good	ds of XY currently	equate to							- o weeks
		less than 0.5	n 5 0,5 1 2	3 4 5 6	more than 6, in fact					
weeks of produ	uction (measured b									
TO ST Produ	and the doctor of the	, and carrent ex	13 or productio							
11/1981 to 11/	/2001									
11/1501 (0 11/)	2001									
Stock of invento	ories nsold finished good	ds of VV currently	voquato to							
Our Stock or un	isolu lillisileu goot	15 Of AT Currently	equate to							
		less			more than 6,					
	no inventor	ies than 0,5	0,5 1 2	3 4 5 6	in fact					
					'					
weeks of produ	uction (measured b	by the current ex	tent of productio	on)						
since 02/2002										
Stock of invent	tories									
Our stock of un	nsold finished good	ds of XY currently	equate to a							
		less	s production	of weeks**	more than 6,					
	no inventor	ies than 0,5	0,5 1 2	3 4 5 6	in fact					
				1 1 1						
**measured by the	e current extent of pro	duction								
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	-
	1301	1302	1303	2301		1300	130,	2300	1303	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	



No.	Name		Label				Survey perio	d		Survey frequency
3.39) Wording of	vg_emppro2 question		employees in pro	oduction			East 01/1992	30 to 10/2001 L to 06/2001 st since 11/200	1	annual survey* monthly survey annual survey**
01/1991 to 11/	/2001									Further information
	ires for the East av	ailable								Employees in production for XY
09/1980	ployees (employee		ate September 19	980) assigned to t	the production of	f XY				* annual survey 1980: inquiry in September 1981 - 2000: inquiry in October 1994: no inquiry ** annual survey in November
			about		persons					Note West:
10/1981 to 10/ Number of em State: End of [r										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
	persons in the who			s only). p	ersons					Example: For November, December 2002 the variable emppro2 contains the value of the survey from November 2001. Since January 2003 the
10/1998										variable emppro2 contains the value of the survey from Nov 02
Number of em	ployees									***West 10/1995 to 10/1997 Month and year of the previous reporting interval
	persons in the who			s only). p	ersons					Example 10/1995: "State: End of September 1995" East 01/1991 to 06/2000 "State: End of month under reports"
since 10/1999										
Number of em	ployees									
	persons in the who			s only). po						
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										
										<u> </u>

No.	Name	Label	Survey period	Survey frequency
3.40)	vg_emplinc	increase of employees in %	East 01/1991 to 12/2000	monthly survey

1991 to 12/	/2000									Further information
re are no q	questionnaires for tl	he East available.	. The following wo	ording is taken fr	om previous lists	of variables				Increase of employees for the production of XY in 9
1991 to 12/	/2000									
	at 3 months the nur ards - therefore by 6				XY will []					
			increase by abou	ıt%						
·	of variable									
ne span o	of variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
·		1982	1983	1984	1985	1986	1987	1988	1989	
·		1982	1983	1984	1985 1995	1986	1987 1997	1988	1989	
1980	1981									
1980	1981									



Name	Label	Survey period	Survey frequency
vg_empldec	decrease of employees in %	East 01/1991 to 12/2000	monthly survey
question			
			Further information
	e. The following wording is taken from previous lists of variables		Decrease of employees for the production in %
	vg_empldec question 2000	vg_empldec decrease of employees in % question	vg_empldec decrease of employees in % East 01/1991 to 12/2000 question

During the next 3 months the number of employees assigned to the producction of XY will [...] in cyclical regards - therefore by eliminating purely seasonal fluctuations

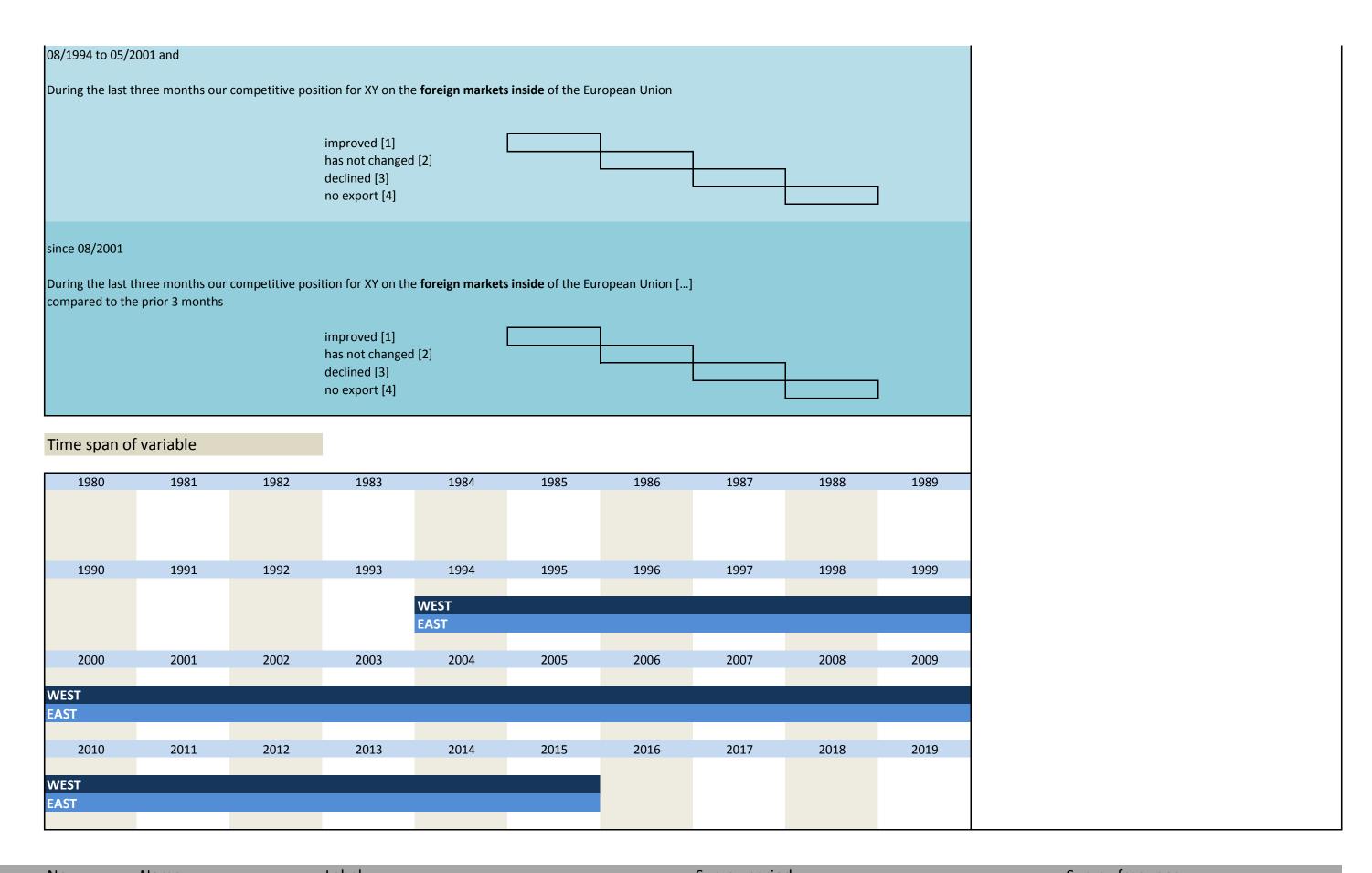
01/1991 to 12/2000

decrease by about%

Time span of variable EAST EAST

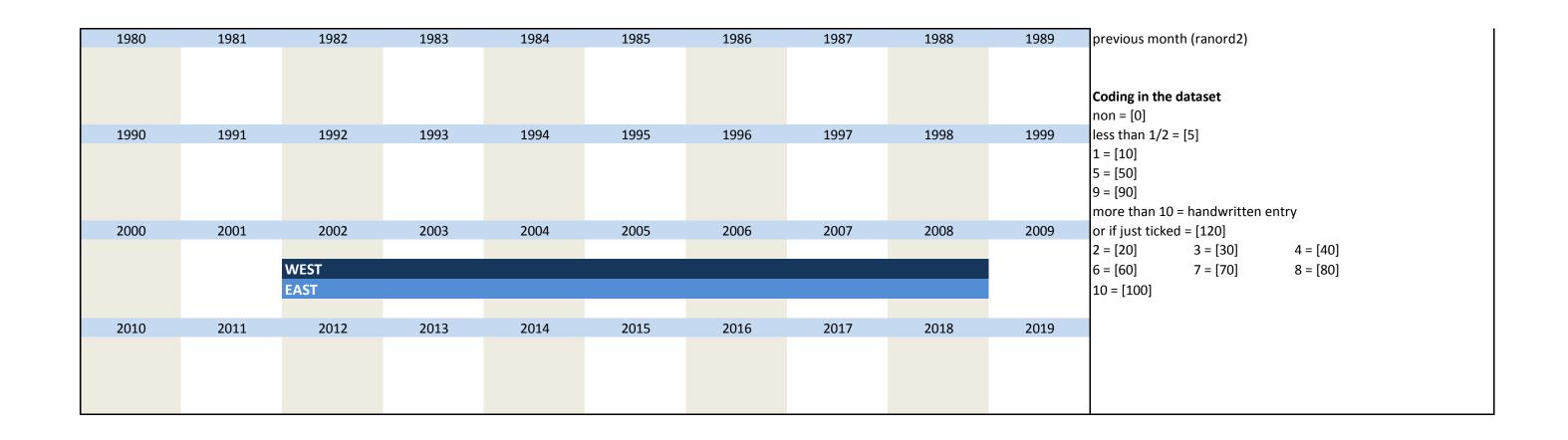
No.	Name		Label				Survey perio	d		Survey frequency
3.42) Wording o	vg_compposite	1	national compet	titive position			East and Wes			Feb, May, Aug, Nov Jan, Apr, Jul, Oct
										Further information
08/1994 to 11		م اماما م								National competitive position
io questionii	aires for the East ava	aliable								
08/1994 to 05										
Ouring the las	t 3 months our com	petitive positior	n for XY on the do	mestic market						
			improved [1] has not changed	l [2]			٦			
			declined [3]	,						
ince 08/2001										
ouring the las	t 3 months our com	petitive positior	n for XY on the do	mestic market []					
	the 3 prior months.									
			improved [1] has not changed	I [2]			\neg			
			declined [3]	· [2]	l					
Timo snan	of variable									
		1002	1002	1004	1005	1000	1007	1000	1000	
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	
WEST	2001	2002	2003	2004	2003	2000	2007	2000	2003	
AST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
AST										

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 o	of question		,	, , , ,	
			Fruth	er information	
08/1994 to 1	1/2001		Furth	er information	
			EU co	mpetitive position	
No questionr	naires for the East available				



	Name		Label				Survey perio	d		Survey frequency
3.44)	vg_comppos3	3	competitive posit	ion abroad			Fast and We	st 08/1994 to 11,	2001	Feb, May, Aug, Nov
,	.0							st since 01/2002		Jan, Apr, Jul, Oct
Wording of q	Juestion							•		, , , , , , , , , , , , , , , , , , ,
										Further information
08/1994 to 11/20	001									Tarther information
No questionnaire	es for the East ava	ailahla								Competitive position abroad
No questionnan	es for the Last ave	anable								
08/1994 to 05/20	001 and									
During the last th	hree months our	competitive pos	sition for XY on the	foreign market	s outside of the Eu	uropean Union				
			improved [1] has not changed	[2]			7			
			declined [3]	[-]	l					
			no export [4]							
since 08/2001										
During the last th	hree months our	competitive pos	sition for XY on the	foreign market	s outside of the Eu	uropean Union	[]			
compared to the										
			improved [1]							
			has not changed	[2]						
			doclinad [2]							
			declined [3] no export [4]							
			no export [4]							
Time span of	variable									
			no export [4]							
Time span of	variable	1982		1984	1985	1986	1987	1988	1989	
		1982	no export [4]	1984	1985	1986	1987	1988	1989	
		1982	no export [4]	1984	1985	1986	1987	1988	1989	
			no export [4]	1984	1985	1986 1996	1987	1988	1989	
1980	1981	1982	1983 1993	1994						
1980	1981		1983 1993	1994 WEST						
1980 1990	1981 1991	1992	1983 1993	1994 WEST EAST	1995	1996	1997	1998	1999	
1980	1981		1983 1993	1994 WEST						
1980 1990 2000 WEST	1981 1991	1992	1983 1993	1994 WEST EAST	1995	1996	1997	1998	1999	
1980 1990 2000 WEST	1981 1991	1992	1983 1993	1994 WEST EAST	1995	1996	1997	1998	1999	
1980 1990 2000 WEST	1981 1991	1992	1983 1993	1994 WEST EAST	1995	1996	1997	1998	1999	
1980 1990 2000 WEST EAST 2010	1981 1991 2001	1992 2002	1983 1993 2003	1994 WEST EAST 2004	1995 2005	1996 2006	1997 2007	2008	1999	
2000 WEST EAST 2010 WEST	1981 1991 2001	1992 2002	1983 1993 2003	1994 WEST EAST 2004	1995 2005	1996 2006	1997 2007	2008	1999	
1980 1990 2000 WEST EAST 2010	1981 1991 2001	1992 2002	1983 1993 2003	1994 WEST EAST 2004	1995 2005	1996 2006	1997 2007	2008	1999	

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			
vvorung	or question			
				Further information
01/2002 to (quate to a production duration up to about [] months		Range of orders in months (end of prev. Month)
	ous month they reached	quate to a production duration up to about [] months		Note
	1			Because of the alignment of economic cycle surveys
	no 1/2 1	up to about month(s) for more than 10, please 2		inside of the EU the wording of the questions was adapted to the survey periods of the countries. This
	orders 1/2 1	2 3 4 5 6 7 8 9 10 state number of months		caused that the questions regarding the range of orders
				would have been shifted by about one month.
				That is why the question regarding the range of orders was posed twice since the first quarter of 2002,
Time spar	n of variable			with the distinction that it is inquired after the
				running month (ranord) and the



Survey period

Survey frequency

No.

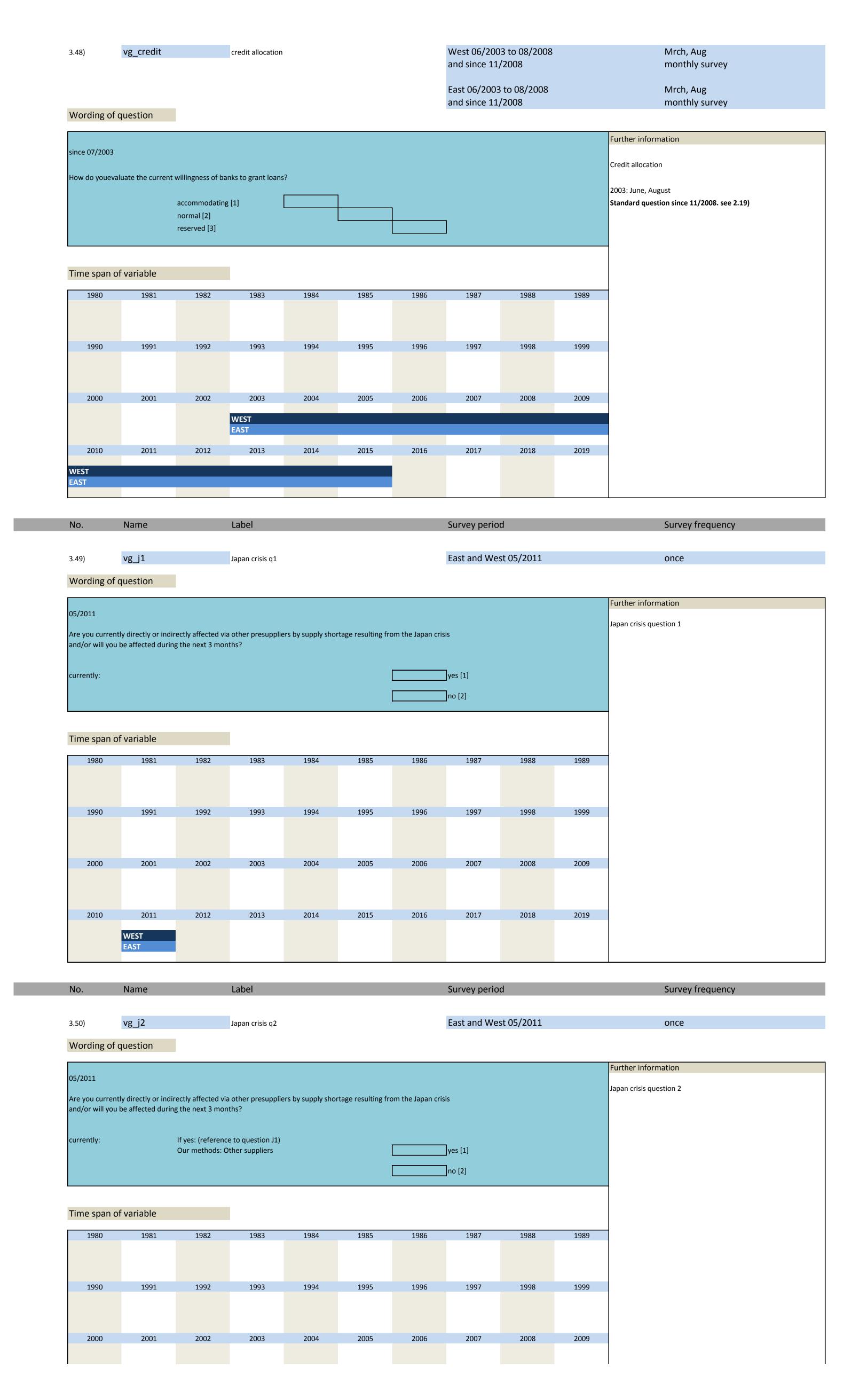
Name

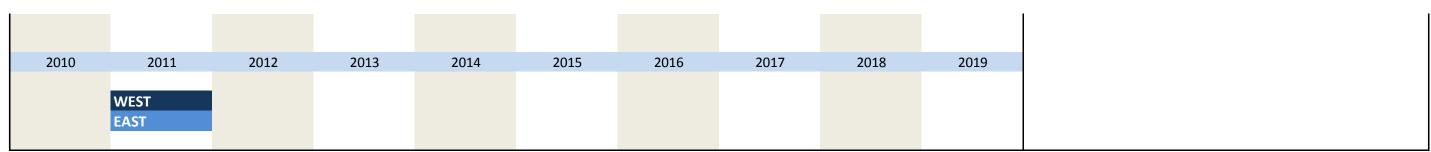
Label

.46)	vg_uticappo	2	capacity utilization	on in % (end of pr	rev. month)		East and Wes	st 01/2002 to 0	01/2008	Jan, Apr, Jul, Oct
Vording of	f question									
										Further information
1/2002 to 01,	/2008									Capacity utilization in % (end of prev. Month)
o questionna	aires for the East a	ıvailable								
	capacity utilizatior	n of our plant to pr	oduce XY (custon	nary full capacity	utilization = 1009	%) is up to []%				Coding in the dataset Number above the ticked box more than 100 % = handwritten entry or if just ticked = [120]
the previous	s month it was up	to		more t	:han 100%					
		30 40 50 60 7	0 75 80 85 90	95 100 in fact:	:					
me 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	2004	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	
2010	2011	2012	2015	2014	2013	2010	2017	2010	2019	
lo.	Name		Label				Survey perio	d		Survey frequency

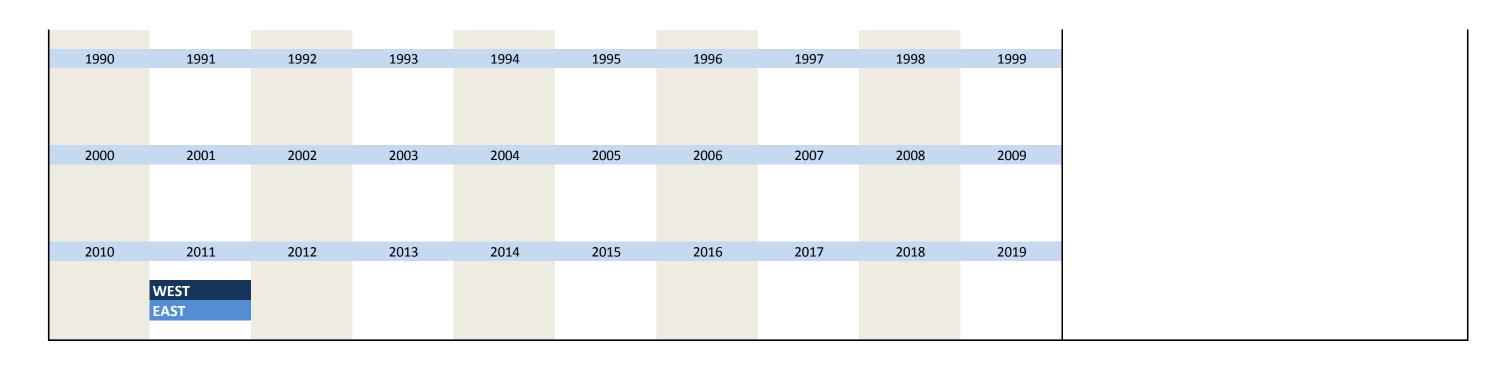
	Name		Label				Survey period	d		Survey frequency
.47) Vording of c	vg_emppro		employees				West 01/199 East 01/1991 East and Wes		01	annual survey* monthly survey annual survey**
1/1991 to 11/2	2001									Further information
	res for the East ava	ailahle								persons occupied in the company
0/1991 to 10/1										*1991 - 2000: inquiry in October 1994: no inquiry **annual survey in November
Number of emp state: End [mon n the whole cor		companies only)		p	ersons					Note West: The data is only inquired annually but appears in the datasets monthly. This is due to the fact, that every month the data of the annual survey is transferred manually. The data of the current survey is normally transferred 2-3 months after the survey
since 10/1998										Example: For November, December 2002 the
	ployees mpany (domestic o	companies only)			orsons					variable emppro contains the value of the survey from November 2001. Since January 2003 the variable emppro contains the value of the survey from Nov 02
Number of emp n the whole cor	mpany (domestic o	companies only)		p	ersons					November 2001. Since January 2003 the variable emppro contains the value of the survey from
n the whole cor	mpany (domestic o	companies only)		p	ersons 1985	1986	1987	1988	1989	November 2001. Since January 2003 the variable emppro contains the value of the survey from Nov 02 ***West 01/1994 to 10/1997
n the whole cor	mpany (domestic o					1986	1987	1988	1989	November 2001. Since January 2003 the variable emppro contains the value of the survey from Nov 02 ***West 01/1994 to 10/1997 month and year of the previous reporting interval Example 10/1995:
n the whole cor	mpany (domestic o					1986	1987	1988	1989	November 2001. Since January 2003 the variable emppro contains the value of the survey from 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
Time span of	f variable	1982	1983	1984	1985					November 2001. Since January 2003 the variable emppro contains the value of the survey from 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
Time span of	f variable 1981 1991 WEST	1982	1983	1984	1985					November 2001. Since January 2003 the variable emppro contains the value of the survey from 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
Time span of 1980	f variable 1981 1991 WEST EAST	1982	1983	1984	1985 1995	1996	1997	1998	1999	November 2001. Since January 2003 the variable emppro contains the value of the survey from 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
Time span of 1980 1990 2000 WEST	f variable 1981 1991 WEST EAST	1982	1983	1984	1985 1995	1996	1997	1998	1999	November 2001. Since January 2003 the variable emppro contains the value of the survey from 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

No.	Name	Label	Survey period	Survey frequency





100 100	No.	Name		Label				Survey perio			
Marie Mari	3.51)	vg_j3		Japan crisis q3				East and We	st 05/2011		once
As a part of the control of the cont	Wording o										
Control of Control o		•									Further information
Process Proc	05/2011										
Part					rs by supply sho	rtage resulting fro	om the Japan cri	sis			Supur Crisis question s
Time soon of variable	ana, or will ye		is the next 3 mont								
Part	currently:				ction			Jves [1]			
Time span of variable 1922			Our methods, re	duction of produc	LUOII			_			
1990											
1992 1991 1992 1993 1994 1995 1994 1995	T:	af									
1990											
2016 ACT 3/60 7/60 2012 2012 2014 2015 ACT 3/60 7/60 2017 2018 2019 2017 2017 2017 2018 2019 2019 2019 2019 2019 2019 2019 2019	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
2016 ACT 3/60 7/60 2012 2012 2014 2015 ACT 3/60 7/60 2017 2018 2019 2017 2017 2017 2018 2019 2019 2019 2019 2019 2019 2019 2019											
No. Name	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
No. Name											
No. Name											
No. Name Label Survey period Survey (requency of the past and West 05/2011 once wording of question served of the past arrestly directly or indicate distance of the past arrestly directly or indicate distance or prospilate by supply shortest resulting from the capatr drive specific and the past of the pas	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
No. Name Label Survey period Survey (requency of the past and West 05/2011 once wording of question served of the past arrestly directly or indicate distance of the past arrestly directly or indicate distance or prospilate by supply shortest resulting from the capatr drive specific and the past of the pas											
No. Name Label Survey period Survey frequency No. Name Label Survey period Survey frequency Red and West 05/2011 Once Modify of question Survey frequency Red and West 05/2011 Once Red and West 05/2011 Onc	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Survey period Survey Sur											
East and West 05/2011 Once		EAST									
East and West 05/2011 Once											
Second S	No.	Name		Label				Survey perio	d		Survey frequency
Second S	3.52)	vg j4		Japan crisis q4				East and We	st 05/2011		once
Survey Description Page											
Survey frequency		7. q 0.000.0									In the second
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 Vistr	Are you curre and/or will yo	ou be affected durir			rs by supply sho	rtage resulting fro	om the Japan cri	_			
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 1990 1991 1992 2003 2004 2005 2006 2007 2008 2009 2000 2001 2002 2003 2004 2005 2006 2007 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 West SAST NO. Name Label Survey period Survey frequency Wording of question Display of the sext 3 months: If yes: [reference to question 11] Our methods: other suppliers by supply shortage resulting from the Japan crisis and [2] In [1] If yes: [reference to question 11] Our methods: other suppliers In [2] In [2] In [2	Are you curre and/or will yo	ou be affected durir			rs by supply sho	rtage resulting fro	om the Japan cri	yes [1]			
1980 1981 1982 1983 1984 1985 1985 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 Sky	Are you curre and/or will yo	ou be affected durir			rs by supply sho	rtage resulting fro	om the Japan cri	yes [1]			
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 FAST No. Name Label Survey period Survey frequency 3.53) vg_j5 Japan crisis q5 East and West 05/2011 once Wording of question 25/2011 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: If yes (reference to question J3) Our methods: other suppliers Jees [1]	Are you curre and/or will you	ou be affected durin			rs by supply sho	rtage resulting fro	om the Japan cri	yes [1]			
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 West EAST No. Name Label Survey period Survey frequency 3.53) Vg j5 Japan crisis q5 East and West 05/2011 once Wording of question Dispan of question Dispan of question Japan crisis q5 Japan crisis q6 Japan crisis	Are you curre and/or will you During the ne	ou be affected during ext 3 months:	ng the next 3 mont	:hs?				_yes [1] _no [2]	1988		
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 West EAST No. Name Label Survey period Survey frequency 3.53) Vg j5 Japan crisis q5 East and West 05/2011 once Wording of question Dispan of question Dispan of question Japan crisis q5 Japan crisis q6 Japan crisis	Are you curre and/or will you During the ne	ou be affected during ext 3 months:	ng the next 3 mont	:hs?				_yes [1] _no [2]	1988		
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST FAST No. Name Label Survey period Survey frequency 1.53) vg_j5 Japan crisis q5 East and West 05/2011 once Wording of question 25/2011 Are you currently directly affected via other presuppliers by supply shortage resulting from the Japan crisis question 5 During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers Types [1] To [2]	Are you curre and/or will you During the ne	ou be affected during ext 3 months:	ng the next 3 mont	:hs?				_yes [1] _no [2]	1988		
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST FAST No. Name Label Survey period Survey frequency 1.53) vg_j5 Japan crisis q5 East and West 05/2011 once Wording of question 25/2011 Are you currently directly affected via other presuppliers by supply shortage resulting from the Japan crisis question 5 During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers Types [1] To [2]	Are you curre and/or will you During the ne Time span 1980	ou be affected during ext 3 months: of variable 1981	1982	1983	1984	1985	1986	yes [1] no [2]		1989	
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST FAST No. Name Label Survey period Survey frequency 3.53) vg_j5 Japan crisis q5 East and West 05/2011 once Wording of question Dis/2011 Are you currently directly affected via other presuppliers by supply shortage resulting from the Japan crisis question 5 During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers Types [1] To [2]	Are you curre and/or will you During the ne Time span 1980	ou be affected during ext 3 months: of variable 1981	1982	1983	1984	1985	1986	yes [1] no [2]		1989	
No. Name Label Survey period Survey frequency 3.53) vg_j5 Japan crisis q5 East and West 05/2011 once Wording of question Dis/2011 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? During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers Japan crisis question 5 Ja	Are you curre and/or will you buring the new terms of the	ou be affected during ext 3 months: 1 of variable 1981 1991	1982 1992	1983 1993	1984	1985	1986	yes [1] no [2] 1987 1997	1998	1989	
No. Name Label Survey period Survey frequency 3.53) vg_j5 Japan crisis q5 East and West 05/2011 once Wording of question Dis/2011 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? During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers Japan crisis question 5 Ja	Are you curre and/or will you buring the new terms of the	ou be affected during ext 3 months: 1 of variable 1981 1991	1982 1992	1983 1993	1984	1985	1986	yes [1] no [2] 1987 1997	1998	1989	
No. Name Label Survey period Survey frequency 3.53) vg_j5 Japan crisis q5 East and West 05/2011 once Wording of question 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? During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers yes [1] In [2]	Are you curre and/or will you During the new 1980	ou be affected during ext 3 months: 1 of variable 1981 2001	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007	1998 2008	1989	
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: If yes: (reference to question J1)	Are you curre and/or will you During the new 1980	ou be affected during ext 3 months: 1 of variable 1981 2001	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007	1998 2008	1989	
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: If yes: (reference to question J1)	Are you curre and/or will you During the new 1980	ou be affected during ext 3 months: 1 of variable 1981 2001 2011 WEST	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007	1998 2008	1989	
Wording of question D5/2011 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? During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers yes [1] In o [2]	Are you curre and/or will you During the new 1980	ou be affected during ext 3 months: 1 of variable 1981 2001 2011 WEST	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007	1998 2008	1989	
Wording of question D5/2011 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? During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers yes [1] In o [2]	Are you curre and/or will you buring the new tensor and a second and a second and a second and a second a secon	ou be affected during ext 3 months: 1 of variable 1981 2001 2011 WEST EAST	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007	1998 2008 2018	1989	Japan crisis question 4
During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers If yes: (reference to question J1) Our methods: other suppliers If yes: (reference to question J2) If yes: (reference to question J3) Our methods: other suppliers If yes: (reference to question J2)	Are you curre and/or will you buring the new tensor and a second and a second and a second and a second a secon	ou be affected during ext 3 months: of variable 1981 2001 2011 WEST EAST Name	1982 1992 2002	1983 1993 2003 Label	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007 2017 Survey perio	1998 2008 2018	1989	Japan crisis question 4 Survey frequency
Japan crisis question 5 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? During the next 3 months: Our methods: other suppliers If yes: (reference to question J1) Our methods: other suppliers If yes [1]	Time span 1980 2000 2010 No.	ou be affected during ext 3 months: of variable 1981 2001 2011 WEST EAST Name	1982 1992 2002	1983 1993 2003 Label	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007 2017 Survey perio	1998 2008 2018	1989	Japan crisis question 4 Survey frequency
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? During the next 3 months: Our methods: other suppliers If yes: (reference to question J1) Our methods: other suppliers If yes: (reference to question J2) Our methods: other suppliers Our methods: other suppliers	Time span 1980 2000 2010 No.	ou be affected during ext 3 months: of variable 1981 2001 2011 WEST EAST Name	1982 1992 2002	1983 1993 2003 Label	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007 2017 Survey perio	1998 2008 2018	1989	Survey frequency once
During the next 3 months: If yes: (reference to question J1) Our methods: other suppliers mo [2]	Are you currend and/or will you can depend and for will yo	ou be affected during ext 3 months: of variable 1981 2001 2011 WEST EAST Name	1982 1992 2002	1983 1993 2003 Label	1984	1985 1995 2005	1986	yes [1] no [2] 1987 1997 2007 2017 Survey perio	1998 2008 2018	1989 1999 2009	Survey frequency Once Further information
Our methods: other suppliers pes [1] no [2]	Are you currend and/or will you cand/or will you cand and and and and and and and and and	ou be affected during ext 3 months: of variable 1981 2001 2011 WEST EAST Name vg_j5 of question	1982 1992 2002	1983 1993 2003 2013 Label Japan crisis q5	1984 1994 2004	1985	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey perio East and We	1998 2008 2018	1989 1999 2009	Survey frequency Once Further information
Our methods: other suppliers pes [1] no [2]	Are you curre and/or will you can be and	ou be affected during ext 3 months: of variable 1981 2001 2011 WEST EAST Name vg_j5 of question	1982 1992 2002	1983 1993 2003 2013 Label Japan crisis q5	1984 1994 2004	1985	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey perio East and We	1998 2008 2018	1989 1999 2009	Survey frequency Once Further information
	Are you curre and/or will you buring the new page 1980 1980 2000 2010 2010 No. 3.53) Wording of the page 1990 2000 Are you curre and/or will you	ou be affected during ext 3 months: of variable 1981 1991 2001 2011 WEST EAST Name vg_j5 of question ently directly or indicate the property of the	1982 1992 2002 2012 If yes: (reference	1983 1993 2003 2013 Label Japan crisis q5 other presupplier ths?	1984 1994 2004	1985	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey perio East and We	1998 2008 2018	1989 1999 2009	Survey frequency Once Further information
Time span of variable	Are you curre and/or will you buring the new page 1980 1980 2000 2010 2010 No. 3.53) Wording of the page 1990 2000 Are you curre and/or will you	ou be affected during ext 3 months: of variable 1981 1991 2001 2011 WEST EAST Name vg_j5 of question ently directly or indicate the property of the	1982 1992 2002 2012 If yes: (reference	1983 1993 2003 2013 Label Japan crisis q5 other presupplier ths?	1984 1994 2004	1985	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey perio East and West	1998 2008 2018	1989 1999 2009	Survey frequency Once Further information
Time span of variable	Are you currend and/or will you can be and/or will you can be a second and a second	ou be affected during ext 3 months: of variable 1981 1991 2001 2011 WEST EAST Name vg_j5 of question ently directly or indicate the properties of	1982 1992 2002 2012 If yes: (reference	1983 1993 2003 2013 Label Japan crisis q5 other presupplier ths?	1984 1994 2004	1985	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey perio East and West	1998 2008 2018	1989 1999 2009	Survey frequency Once Further information
Time Spari of Variable	Are you currend and/or will you buring the new page 2000 Time span 1980 2000 2010 2010 Are you currend and/or will you buring the new page 2000 During the new page 2000	ou be affected during ext 3 months: of variable 1981 2001 2011 WEST EAST Name vg_j5 of question ently directly or indicate the affected during ext 3 months:	1982 1992 2002 2012 If yes: (reference	1983 1993 2003 2013 Label Japan crisis q5 other presupplier ths?	1984 1994 2004	1985	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey perio East and West	1998 2008 2018	1989 1999 2009	Survey frequency Once Further information



No.	Name		Label				Survey perio	d		Survey frequency
3.54)	vg_j6		Japan crisis q6				East and We	st 05/2011		once
Wording o	of question									
05/2011										Further information
Are you curre	ently directly or inc	directly affected via	a other presupplie	rs hy sunnly sha	rtage resulting fro	om the lanan cris	ic			Japan crisis question 6
	ou be affected dur			is by supply silo	tage resulting in	om the Japan ens	113			
During the ne	ext 3 months:		e to question J1) eduction of produ	ction			yes [1]			
		our memous. I	eduction of produ							
							no [2]			
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1300	1301	1302	1303	1304	1303	1300	1307	1300	1303	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1330	1331	1332	1333	1994	1933	1330	1337	1330	1555	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2003	2000	2007	2000	2003	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	

Label

No.

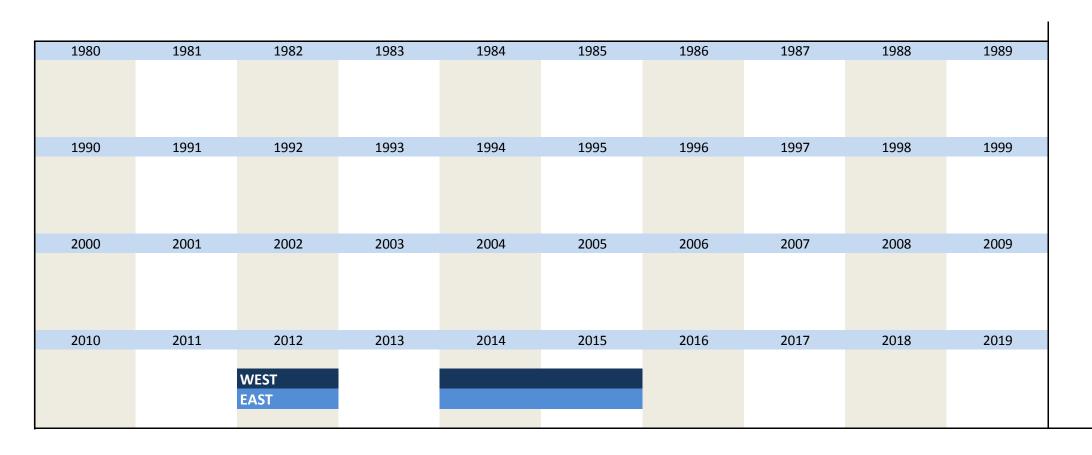
Name

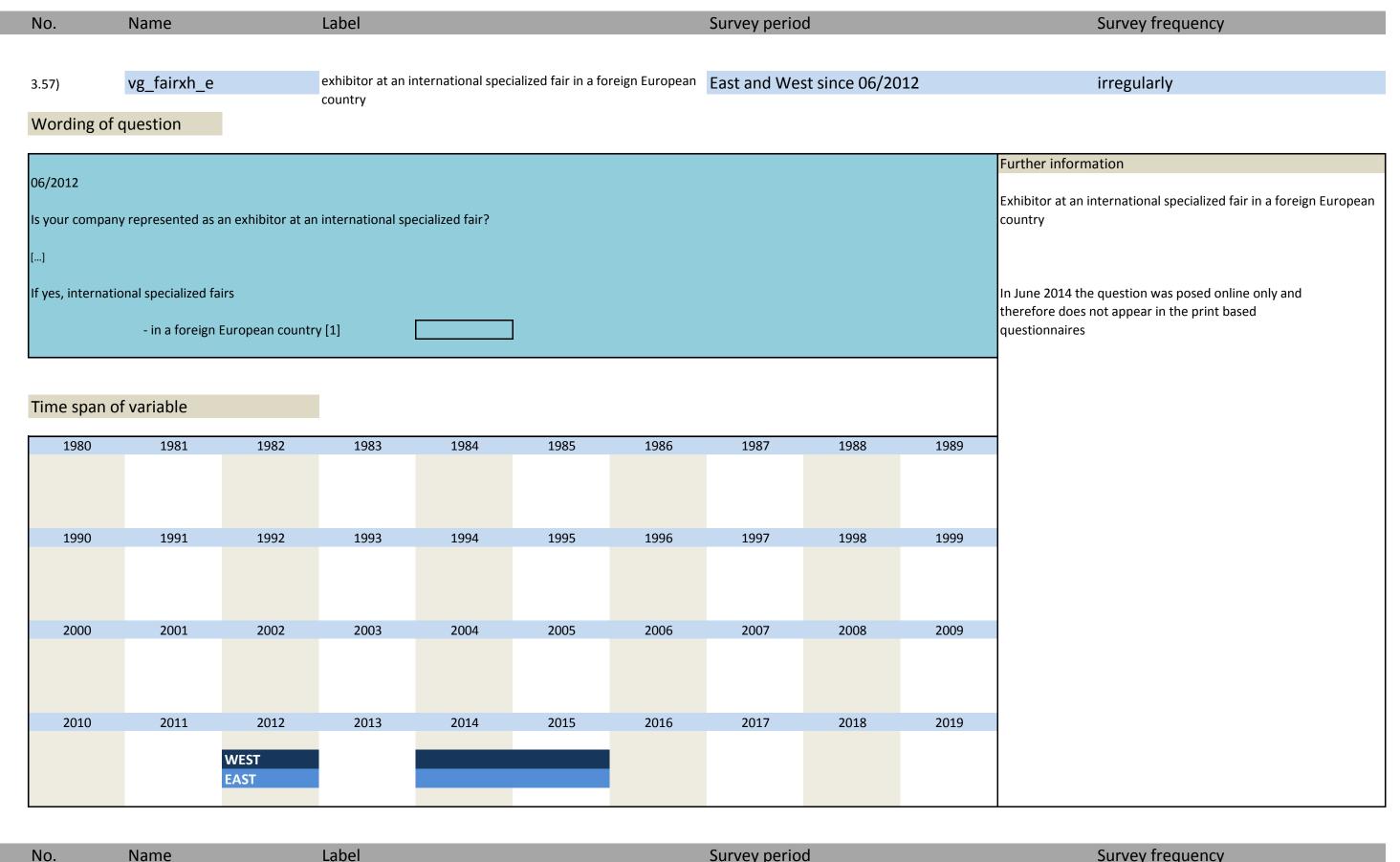
3.55)	vg_fairxh exhibitor at an international specialized fair					East and West since 06/2012			irregularly	
Nording of o	question	l								
06/2012										Further information
		an aubihitan at an	into motional on a	المناحة المحاددة						Exhibitor at an international specialized fair
s your company	y represented as	an exhibitor at an	international spe	cializeu iair r						
	yes [1]			no [2]						In June 2014 the question was posed online only and therefore does not appear in the print based
										questionnaires
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1932	1993	1334	1993	1990	1997	1338	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								

Survey period

Survey frequency

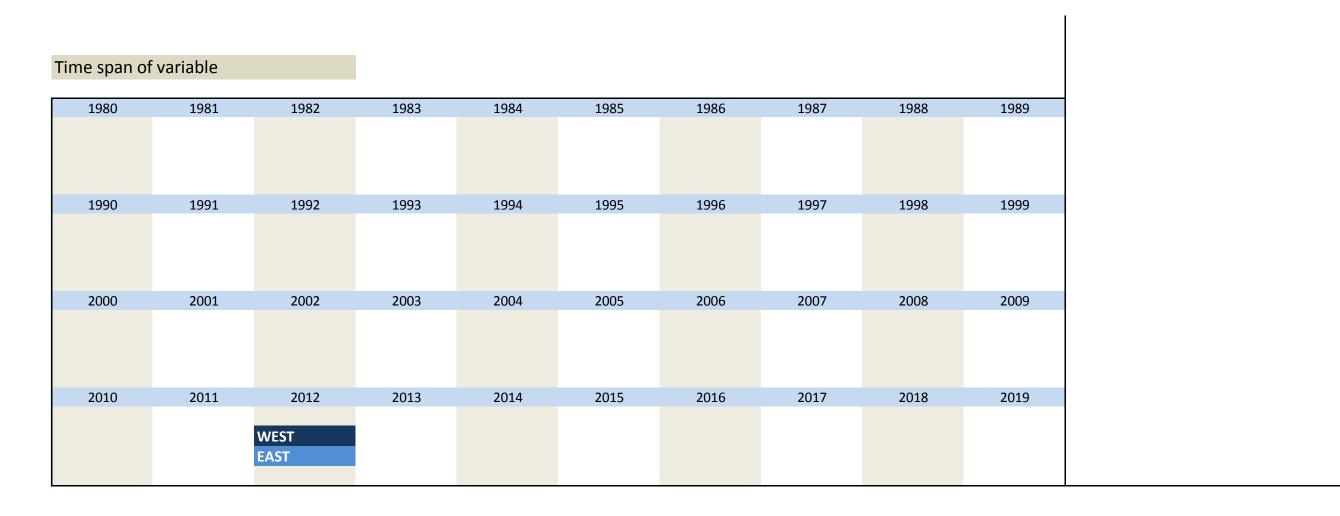
3.56)				
3.56)				
	vg_fairxh_g	exhibitor at an international specialized fair in Germany	East and West since 06/2012	irregularly
Wording of c	question			
05/2042				Further information
06/2012				Exhibitor at an international specialized fair in Germany
s your company	y represented as an exhib	oitor at an international specialized fair?		
]				
f yes, internatio	onal specialized fairs			In June 2014 the question was posed online only and
	- in Germany [1]			therefore does not appear in the print based questionnaires
Time span of	·			





NO.	Name		Labei				Survey perio	a		Survey frequency
.58)	vg_fairxh_n	e	exhibitor at an i Europe	nternational spec	ialized fair in a co	untry outside	East and We	st since 06/20	12	irregularly
Vording of	question		Lurope							
5/2012										Further information
	v represented as	an exhibitor at ar	n international sp	ecialized fair?						Exhibitor at an international specialized fair in a country outs Europe
, ']	, ·		·							· ·
yes, internatio	onal specialized for	airs / outside of Europ	oe [1]]					In June 2014 the question was posed online only and therefore does not appear in the print based questionnaires
					'					
ime span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2002	2004	2005	2000	2007	2000	2000	
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
3.59)	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				
Will your compa	any be represented as an exhibitor	r at an international specialized fair during the next 2-3 years?		Exhibitor at an international specialized fair during the next 2-3 years
	yes [1]	no [2]		



No.	Name		Label				Survey perio	d		Survey frequency
3.60)	vg_fairxhex	p_g		nternational spec	ialized fair in Geri	many during	East and Wes	st 06/2012		once
Wording of o	nuostion		next 2-3 years							
vvorung or c	question									
06/2012										Further information
06/2012										Exhibitor at an international specialized fair in Germany during the
Will your compa	iny be represent	ted as an exhibito	r at an internatior	al specialized fair	during the next 2	2-3 years?				next 2-3 years
[]										
If yes, internatio	nal specialized f	aire								
ii yes, iiiteriiatio										
	- in German	y [1]								
- · (
Time span of	rvariable									
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	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST								
		EAST								

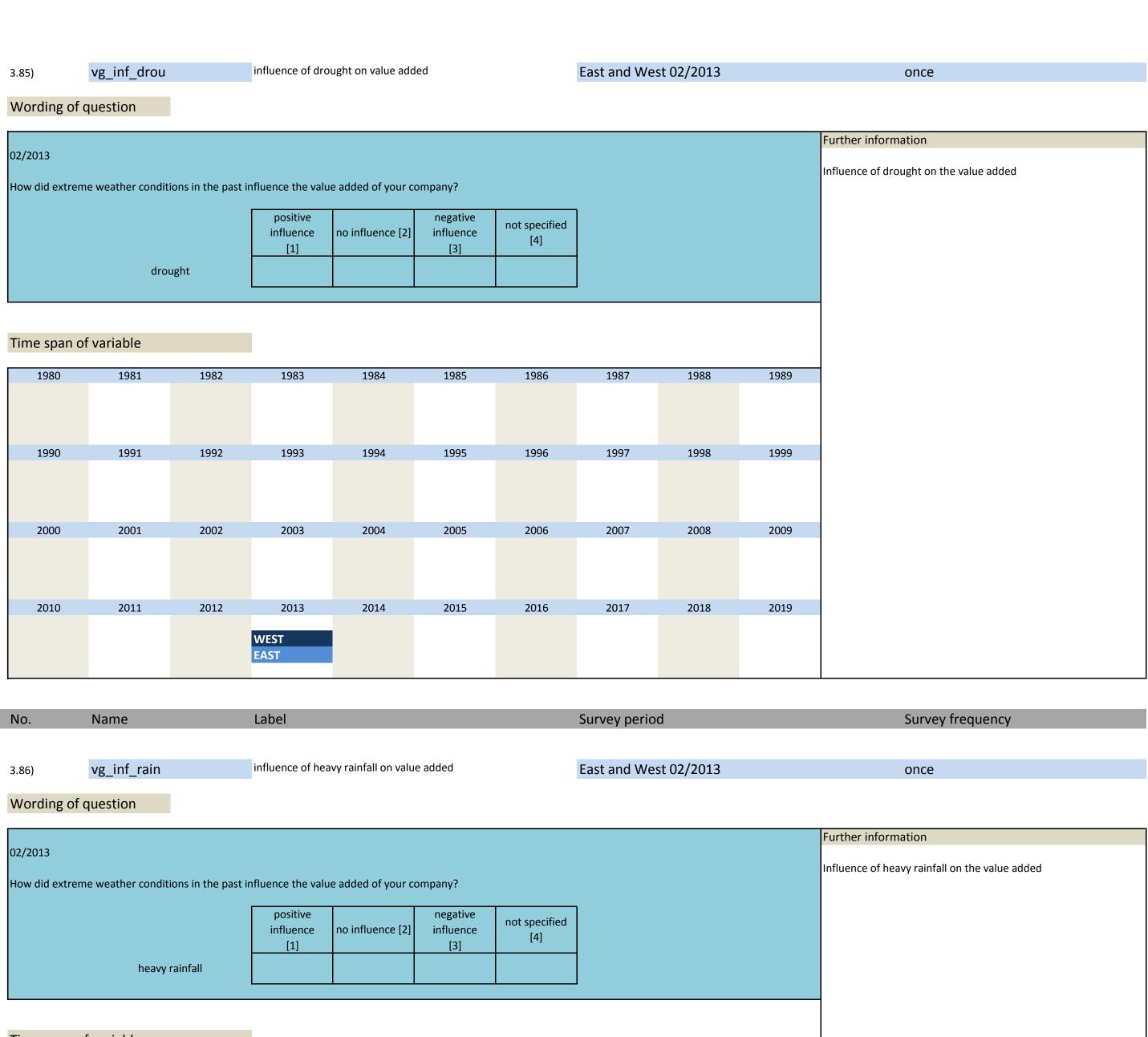
lo.	Name		Label				Survey perior	d		Survey frequency
61)	vg_fairxhexp	_e	exhibitor at an in country during n		alized fair in a fore	eign European	East and Wes	st 06/2012		once
Vording of o	question									
C /2012										Further information
5/2012										Exhibitor at an international specialized fair in a foreign Europea
ill your compa	any be represente	d as an exhibito	r at an internation	al specialized fair	during the next 2-	-3 years?				country during the next 2-3 years
.]										
yes, internatio	onal specialized fai	rs								
	- in a foreign E	uropean count	ry [1]							
ime span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1500	1301	1302	1303	1304	1303	1300	1307	1300	1303	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991 2001	1992	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

ı	lo.	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
•	Vording of c	nuestion	Europe during next 2-3 years		
		140011011			
	6/2012				Further information
	0/2012				Exhibitor at an international specialized fair in a country outside of

Vill your compa	ny be represente	ed as an exhibitor	at an internation	al specialized fair	during the next	2-3 years?				Europe during the next 23 years
]										
	nal specialized fa	nirs								
yes, internatio	nai specialized la									
	- in a country	outside of Europe	2 [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								

).	Name		Label				Survey perio	d		Survey frequency
3)	vg_inf_heat		influence of hea	twaves on value a	added		East and We	st 02/2013		once
ording of o	question									
/2013										Further information
	ne weather condit	ions in the past	influence the valu	e added of your c	ompany?					Influence of heatwaves on the value added
T and extrem		nons in the past	positive		negative	not specified				
			influence [1]	no influence [2]	influence [3]	[4]				
	heat	waves								
me span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010			WEST							
2010			WEST EAST							

No.	Name		Label				Survey perio	d		Survey frequency
3.84)	vg_inf_cold		influence of cold	l waves on value a	dded		East and Wes	st 02/2013		once
Wording of	question									
02/2013										Further information
How did extrem	ne weather condit	ions in the past ir	nfluence the valu	e added of your co	ompany?					Influence of cold waves (incl. ice and snow) on the value added
			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	cold waves (inc	l. ice and snow)								
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
			WEST EAST							
No.	Name		Label				Survey perio	d		Survey frequency

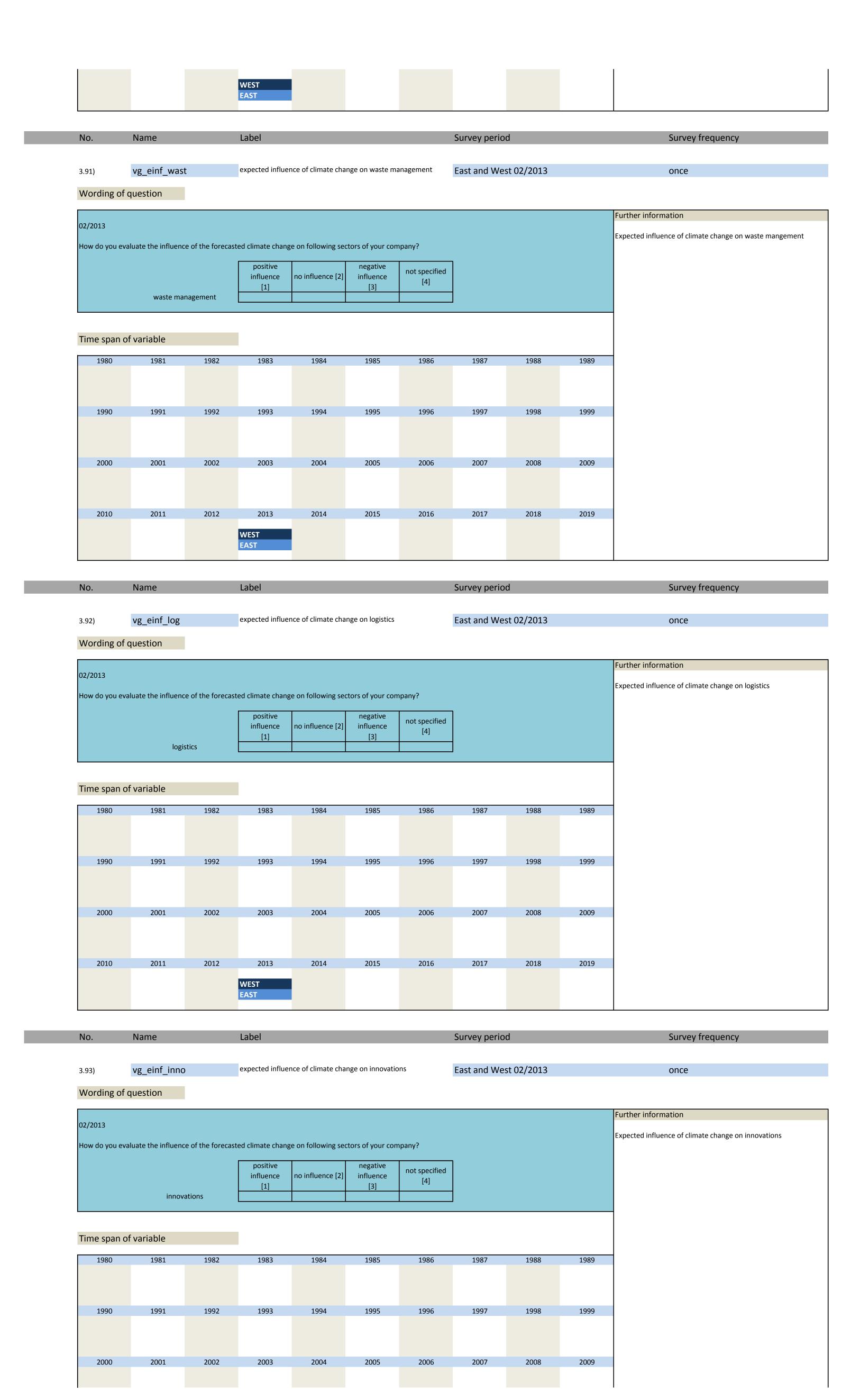


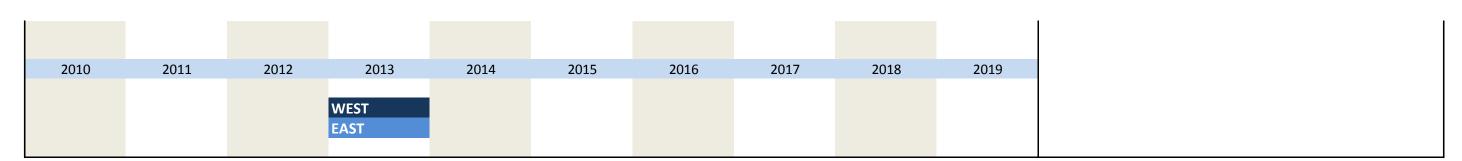
	question									
										Further information
02/2013 How did extrem	ne weather condit	ions in the past ir	nfluence the value	e added of your co	ompany?					Influence of heavy rainfall on the value added
	heavy	rainfall	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
Time span of	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011		2013 WEST EAST	2014	2015	2016	2017	2018	2019	

			WEST EAST							
No.	Name		Label				Survey perio	d		Survey frequency
3.87)	vg_inf_storm	1	influence of sto	rms on value adde	d		East and Wes	st 02/2013		once
Wording of	question									
										Further information
02/2013										
How did extrem	ne weather condit	ions in the nast i	nfluence the valu	e added of your co	omnany?					Influence of storms on the value added
now and extrem	ne weather condit	ions in the past i		e added of your co	ompany:		_			
			positive influence	no influence [2]	negative influence	not specified				
			[1]	no inituence [2]	[3]	[4]				
	sto	rms								
							J			
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

WEST EAST

No.	Name		Label				Survey period	d		Survey frequency
3.88)	vg_einf_pur		expected influe	nce of climate cha	nge on purchase	• <	East and Wes	r+ 02/2013		once
Wording of					g p		Last and Wes	02/2013		Office
vvoranig or	question									Further information
02/2013										Expected influence of climate change on purchases
low do you ev	valuate the influence	of the forecas		ge on following sec		npany?	1			
			positive influence	no influence [2]		not specified [4]				
	purcha	ases	[1]		[3]					
ime span (of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000	1001	1002	1003	1004	1005	1006	1007	1000	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 period	d	_	Survey frequency
							, ,			, -, -, -, -, -, -, -, -, -, -, -, -, -,
.89)	vg_einf_prod		expected influe	nce of climate cha	nge on production	on	East and Wes	st 02/2013		once
Wording of	question									
2/2013										Further information
	valuate the influence	of the forecas	sted climate chan	ge on following sec	ctors of your con	npany?				Expected influence of climate change on production
			positive		negative	not specified				
	produc	tion.	influence [1]	no influence [2]	influence [3]	[4]				
	p. 0	. 1717								
		cuon								
ïme span c	of variable	ction								
ime span c	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
			1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982								
			1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982								
1980	1981	1982								
1980 1990	1981	1982	1993	1994	1995	1996	1997	1998	1999	
1980 1990	1981	1982	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1991 2001	1982	1993 2003 2013 WEST	2004	1995 2005	1996 2006	1997 2007	1998	1999 2009	
1980 1990 2000	1981 1991 2001	1982	2003	2004	1995 2005	1996 2006	1997 2007	1998	1999 2009	
1980 1990 2000	1981 1991 2001	1982	2003 2013 WEST EAST	2004	1995 2005	1996 2006	2007	1998 2008 2018	1999 2009	Sunav fraguancy
1980 1990 2000	1981 1991 2001	1982	1993 2003 2013 WEST	2004	1995 2005	1996 2006	1997 2007	1998 2008 2018	1999 2009	Survey frequency
1980 1990 2000 2010	1981 1991 2001	1982	2003 2013 WEST EAST	2004	1995 2005 2015	2006	2007	1998 2008 2018	1999 2009	Survey frequency once
1980 1990 2000 2010	1981 1991 2001 2011 Name	1982	2003 2013 WEST EAST	2004	1995 2005 2015	2006	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	
1980 1990 2000 2010 No. 3.90) Wording of	1981 1991 2001 2011 Name	1982	2003 2013 WEST EAST	2004	1995 2005 2015	2006	1997 2007 2017 Survey period	1998 2008 2018	2009	
1980 1990 2000 2010 2010 No. 3.90) Wording of	1981 1991 2001 2011 Name vg_einf_sal	1982 1992 2002	2003 2013 WEST EAST Label expected influe	1994 2004 2014 nce of climate char	1995 2005 2015	1996 2006 2016	1997 2007 2017 Survey period	1998 2008 2018	2009	once
1980 1990 2000 2010 No. 3.90) Wording of	1981 1991 2001 2011 Name	1982 1992 2002	2003 2013 WEST EAST Label expected influe	1994 2004 2014 nce of climate char	1995 2005 2015 ctors of your con	1996 2006 2016	1997 2007 2017 Survey period	1998 2008 2018	2009	Once Further information
1980 1990 2000 2010 2010 No. 3.90) Wording of	1981 1991 2001 2011 Name vg_einf_sal question	1982 1992 2002 2012 of the forecas	2003 2013 WEST EAST Label expected influe	1994 2004 2014 nce of climate char	1995 2005 2015 ctors of your connegative	1996 2006 2016	1997 2007 2017 Survey period	1998 2008 2018	2009	Once Further information
1980 1990 2000 2010 No. 3.90) Wording of	1981 1991 2001 2011 Name vg_einf_sal	1982 1992 2002 2012 of the forecas	2003 2013 WEST EAST Label expected influe sted climate change positive influence	1994 2004 2014 nce of climate char	1995 2005 2015 ctors of your connegative influence	1996 2006 2016 npany? not specified	1997 2007 2017 Survey period	1998 2008 2018	2009	Once Further information
1980 1990 2000 2010 No. 3.90) Wording of 02/2013 How do you ev	1991 2001 2011 Name vg_einf_sal question valuate the influence	1982 1992 2002 2012 of the forecas	2003 2013 WEST EAST Label expected influe sted climate change positive influence	1994 2004 2014 nce of climate char	1995 2005 2015 ctors of your connegative influence	1996 2006 2016 npany? not specified	1997 2007 2017 Survey period	1998 2008 2018	2009	Once Further information
1980 1990 2000 2010 No. 3.90) Wording of 02/2013 How do you ev	1991 2001 2011 Name vg_einf_sal question valuate the influence sale	1982 1992 2002 2012 of the forecas	2003 2013 WEST EAST Label expected influe sted climate change positive influence [1]	1994 2004 2014 age on following second influence [2]	1995 2005 2015 ctors of your connegative influence [3]	1996 2006 2016 npany? not specified [4]	2007 Survey period East and Wes	1998 2008 2018	2009	Once Further information
1990 2000 2010 No. 3.90) Wording of	1991 2001 2011 Name vg_einf_sal question valuate the influence	1982 1992 2002 2012 of the forecas	2003 2013 WEST EAST Label expected influe sted climate change positive influence	1994 2004 2014 nce of climate char	1995 2005 2015 ctors of your connegative influence	1996 2006 2016 npany? not specified	1997 2007 2017 Survey period	1998 2008 2018	2009	Once Further information
1980 1990 2000 2010 No. 3.90) Wording of 02/2013 How do you ev	1991 2001 2011 Name vg_einf_sal question valuate the influence sale	1982 1992 2002 2012 of the forecas	2003 2013 WEST EAST Label expected influe sted climate change positive influence [1]	1994 2004 2014 age on following second influence [2]	1995 2005 2015 ctors of your connegative influence [3]	1996 2006 2016 npany? not specified [4]	2007 Survey period East and Wes	1998 2008 2018	2009	Once Further information
1980 1990 2000 2010 No. 3.90) Wording of 02/2013 How do you ev	1991 2001 2011 Name vg_einf_sal question valuate the influence sale	1982 1992 2002 2012 of the forecas	2003 2013 WEST EAST Label expected influe sted climate change positive influence [1]	1994 2004 2014 age on following second influence [2]	1995 2005 2015 ctors of your connegative influence [3]	1996 2006 2016 npany? not specified [4]	2007 Survey period East and Wes	1998 2008 2018	2009	Once Further information
1980 1990 2000 2010 2010 No. 3.90) Wording of 02/2013 How do you ev 1980	1981 1991 2001 2011 Valuate the influence sale. of variable 1981	1982 1992 2002 2012 of the forecas	2003 2013 WEST EAST Label expected influe positive influence [1]	1994 2004 2014 age on following second influence [2]	1995 2005 2015 ctors of your connegative influence [3]	1996 2006 2016 2016 1986	1997 2007 2017 East and Wes	1998 2008 2018 d st 02/2013	1999	Once Further information

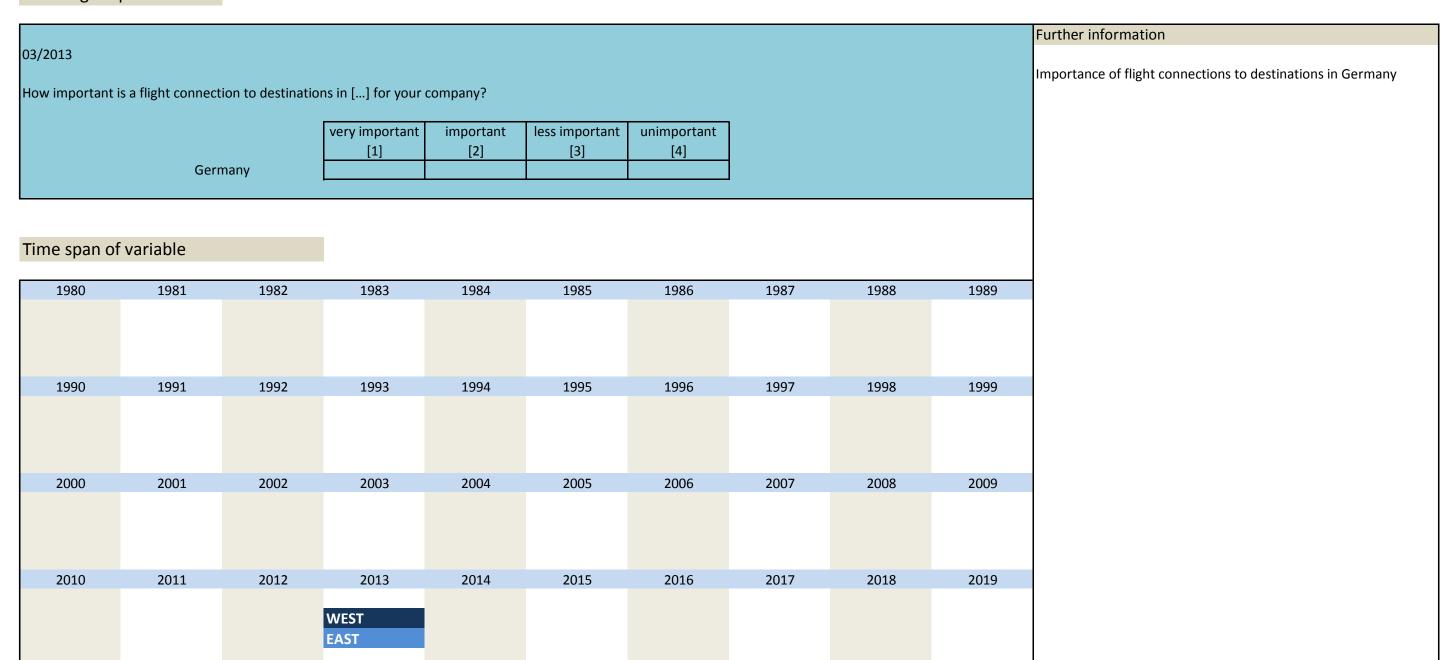




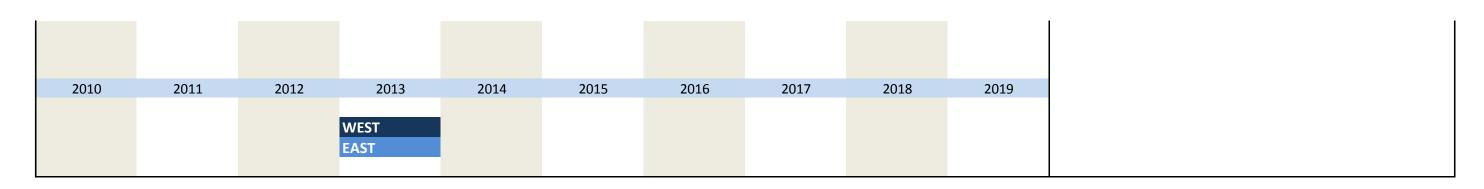
Survey period Survey frequency Label No. Name vg_einf_pers expected influence of climate change on personnel East and West 02/2013 3.94) once Wording of question Further information 02/2013 Expected influence of climate change on personnel How do you evaluate the influence of the forecasted climate change on following sectors of your company? positive negative not specified no influence [2] influence influence [4] [1] [3] personnel Time span of variable 1983 1984 1986 1981 1982 1985 1987 1988 1989 1980 1995 1996 1990 1991 1992 1993 1994 1997 1998 1999 2001 2002 2003 2005 2006 2008 2000 2004 2007 2009 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 WEST EAST

No. Name Label Survey period Survey frequency

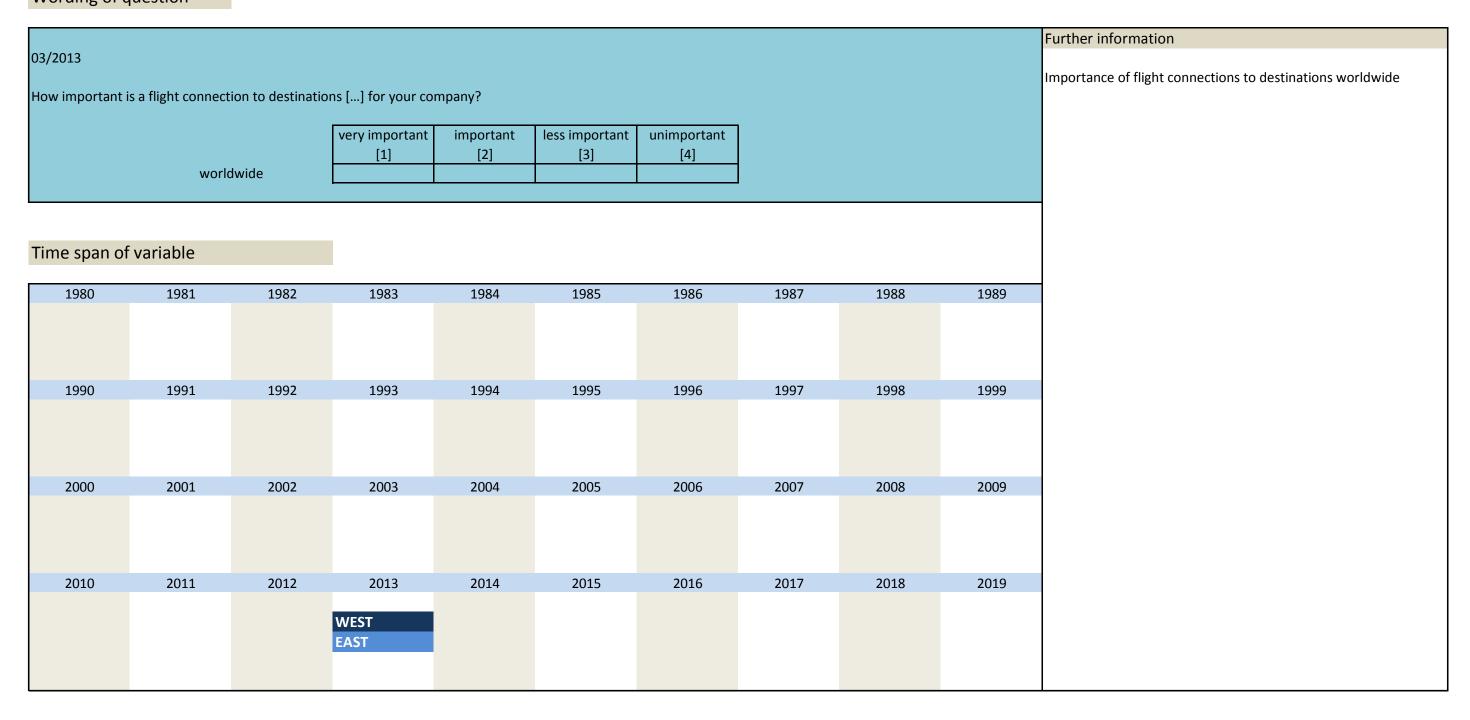
3.95) vg_flight_ger importance of flight connections in Germany East and West 03/2013 once



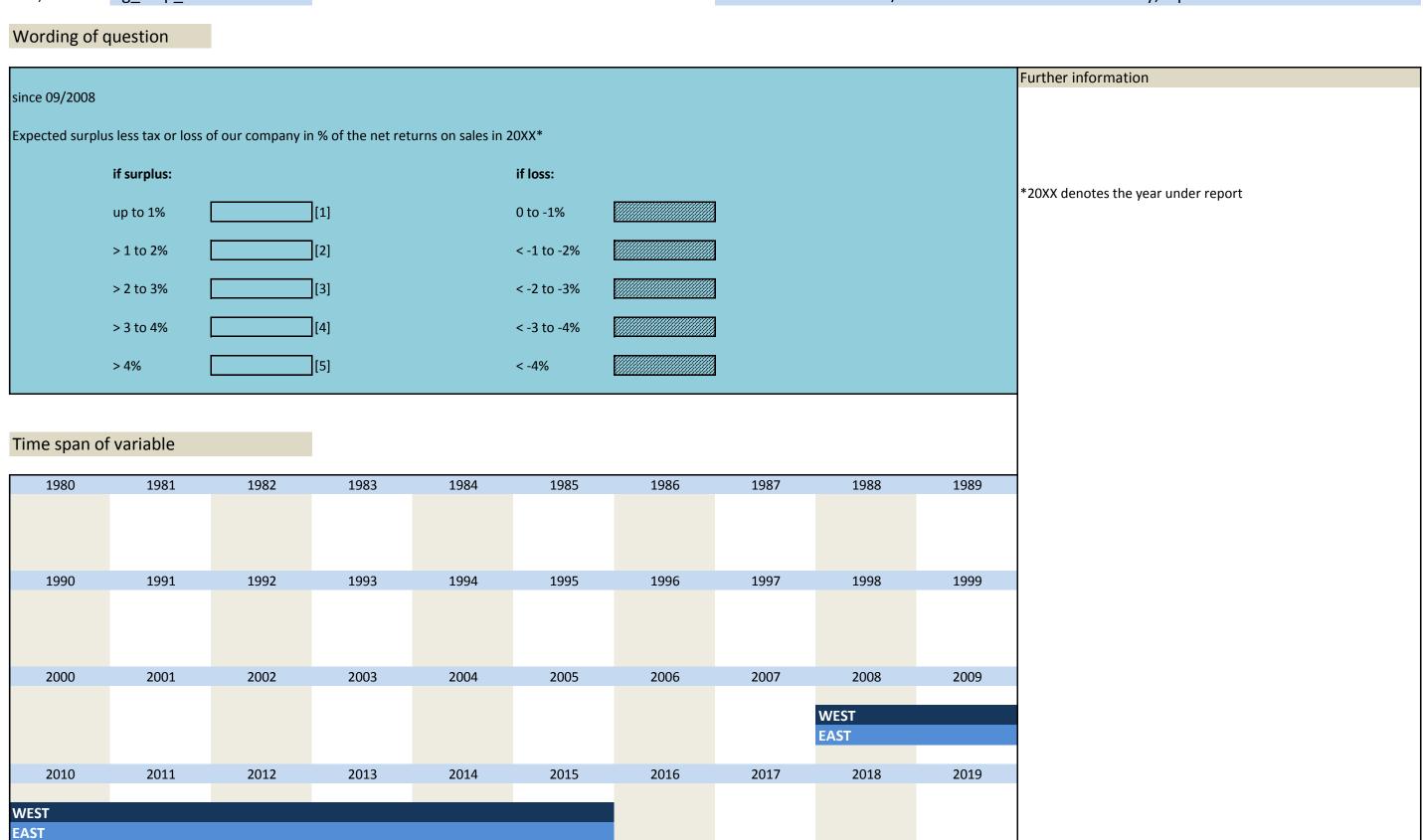
0.	Name		Label				Survey perio	d		Survey frequency
96)	vg_flight_eur		importance of flig	ght connections	in Europe		East and Wes	st 03/2013		once
ording of o	guestion									
										Fronth and information
3/2013										Further information
	to a filtralian and a second									Importance of flight connections to destinations in Europe
ow important	is a flight connectic	on to destination	ons in [] for your c	company?						
			very important		less important	unimportant				
						1/11				
	Euro	pe	[1]	[2]	[3]	[4]				
	Euro	pe	[1]	[2]	[3]	[4]				
	Euro	pe		[2]	[3]	[4]				
ime span of		pe		[2]	[3]	[#]				
ime span of	f variable								4000	
ime span of		pe 1982	1983	1984	1985	1986	1987	1988	1989	
	f variable						1987	1988	1989	
	f variable						1987	1988	1989	
	f variable						1987	1988	1989	
1980	f variable 1981	1982	1983	1984	1985	1986				
1980	f variable 1981	1982	1983	1984	1985	1986				
1980	f variable 1981	1982	1983	1984	1985	1986				



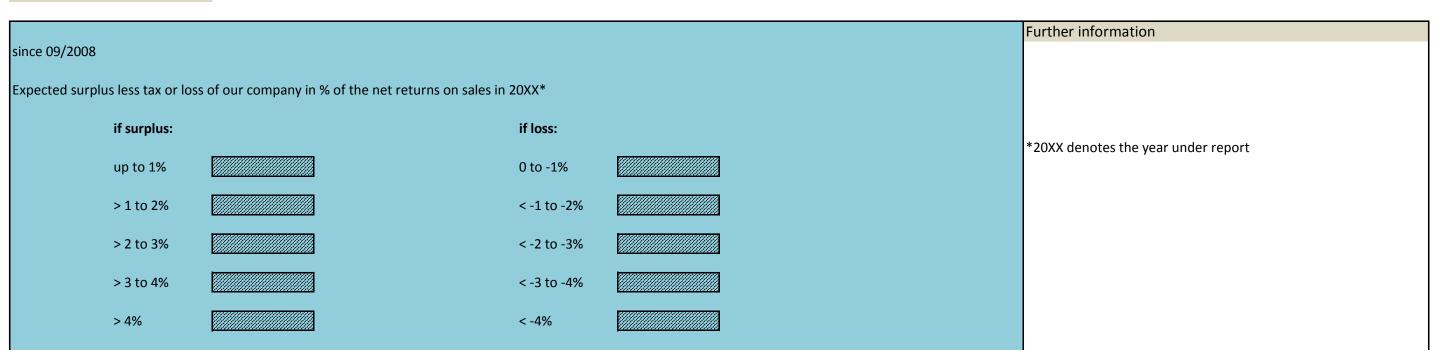
No.	Name	Label	Survey period	Survey frequency
3.97)	vg_flight_world	importance of flight connections worldwide	East and West 03/2013	once

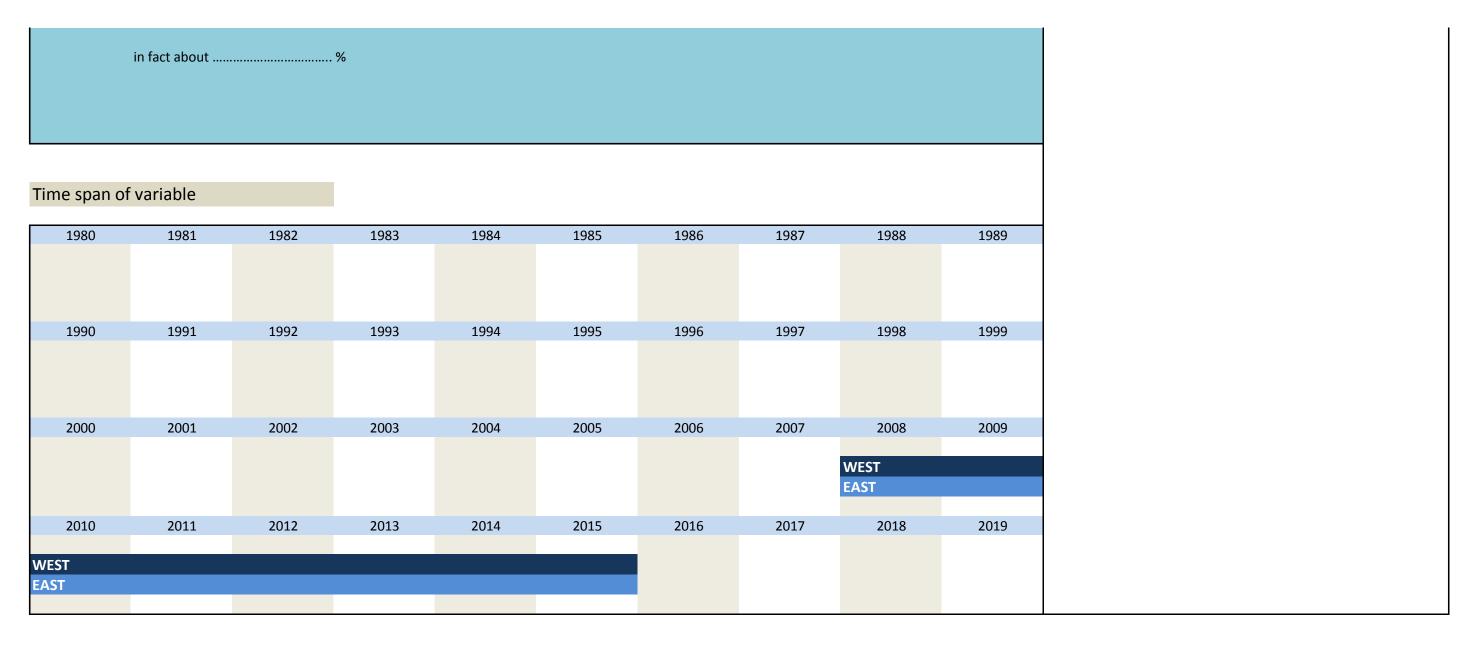


No.	Name	Label	Survey period	Survey frequency
3.98)	vg_surp_cat	return on sales: surplus (category)	East and West since 09/2008	May,Sep



No.	Name	Label	Survey period	Survey frequency
3.99)	vg_ros_surp	return on sales: surplus	East and West since 09/2008	May,Sep



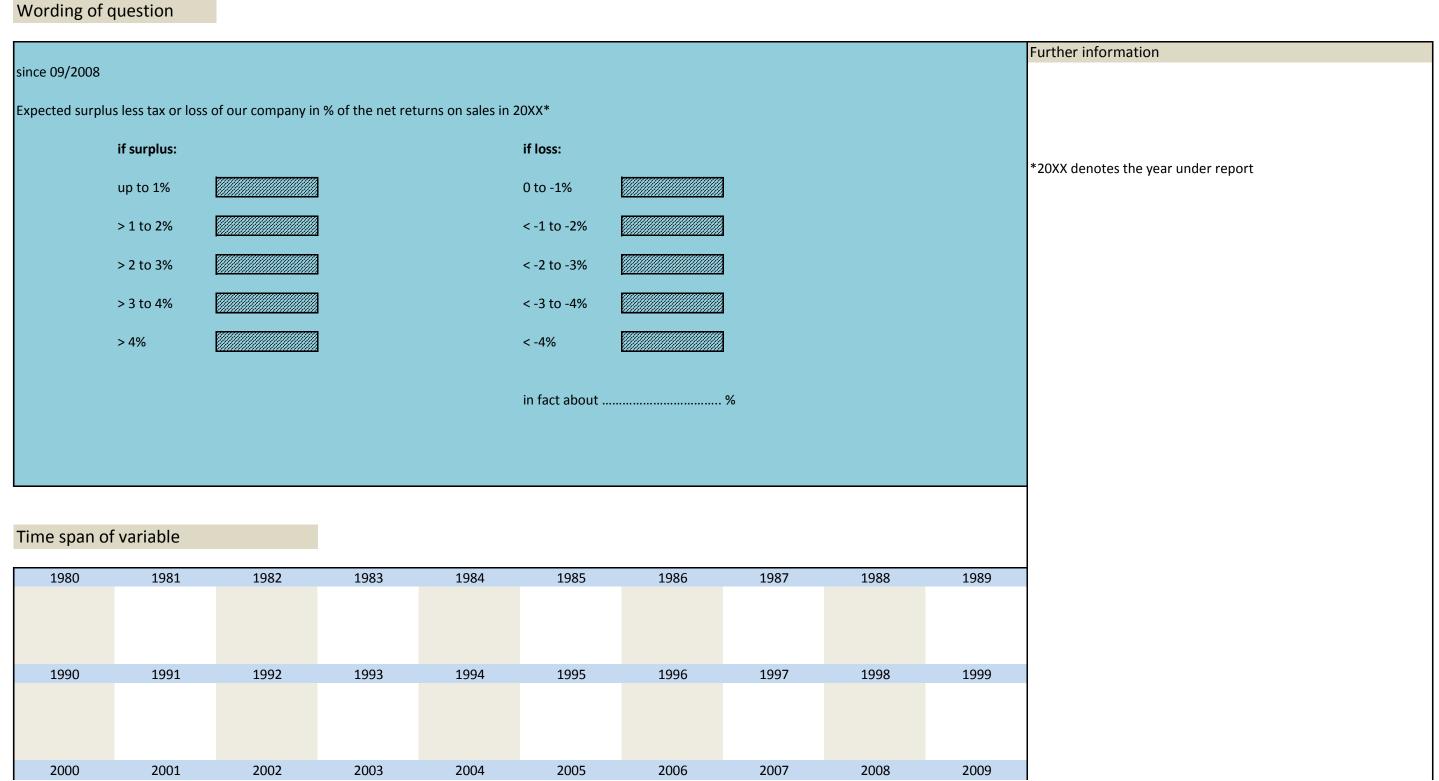


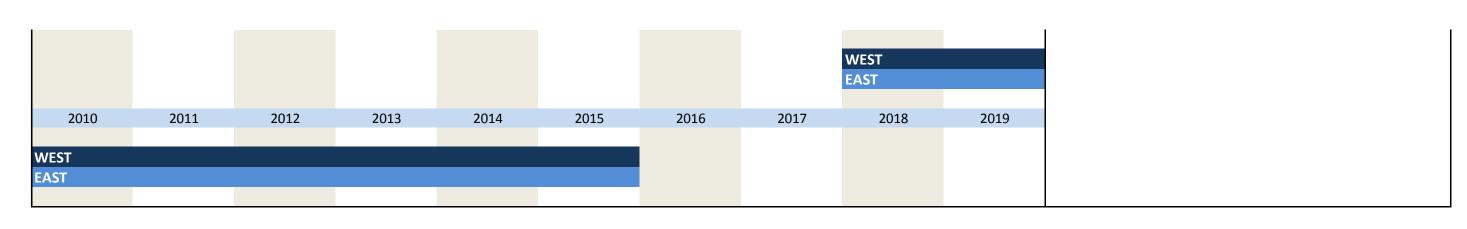
No.	Name		Label				Survey peri	iod		Survey frequency
3.100)	vg_loss_cat		return on sales:	loss (category)			East and W	est since 09/200	8	May,Sep
Wording o	of question									
oin on 00/2000	0									Further information
since 09/2008										
Expected surp	plus less tax or loss	of our company ir	n % of the net ret	urns on sales in :						
	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	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	2005	2006	2007		2009	
								WEST EAST		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										
ASI										

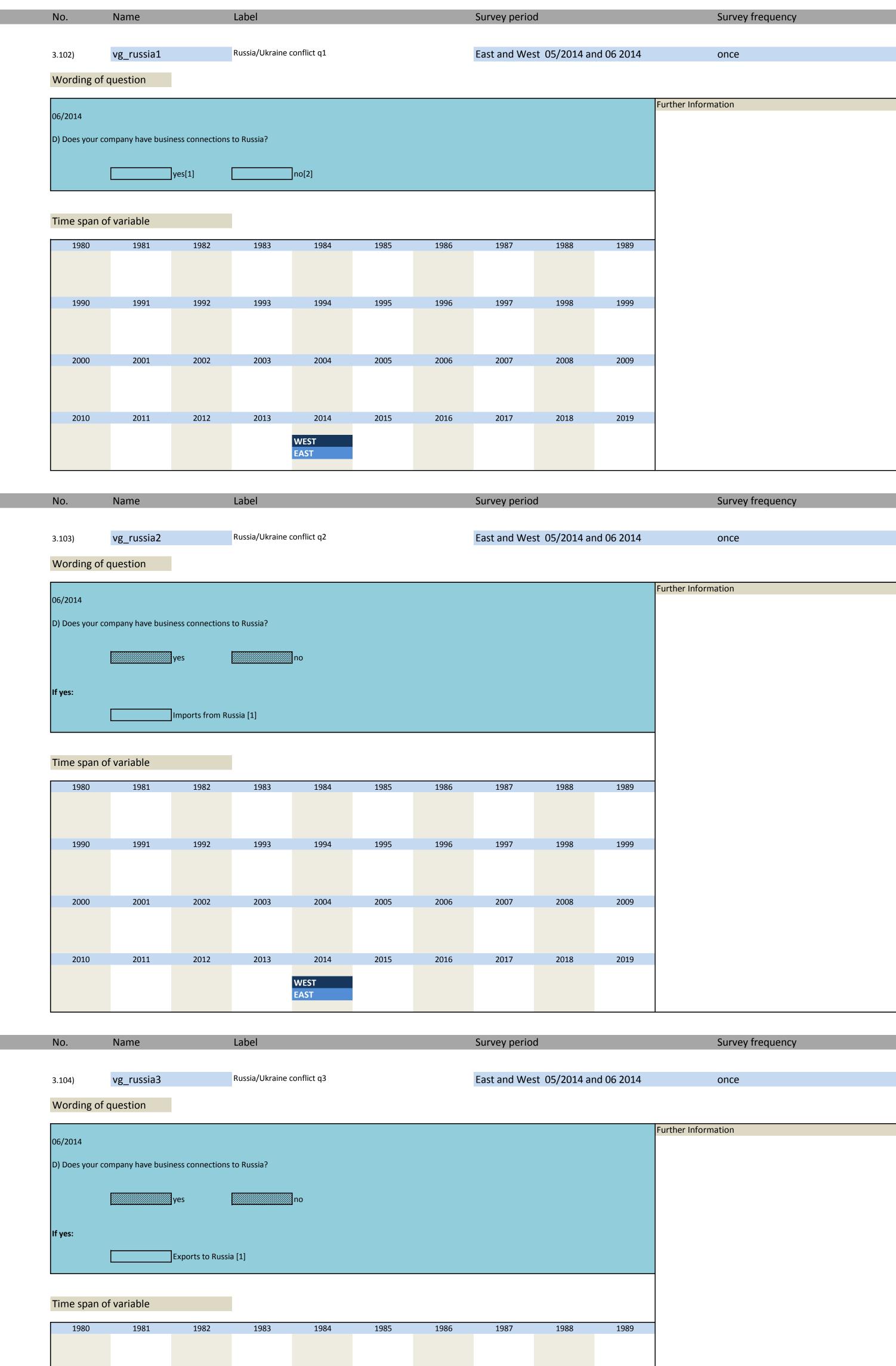
No. Name Label Survey period Survey frequency

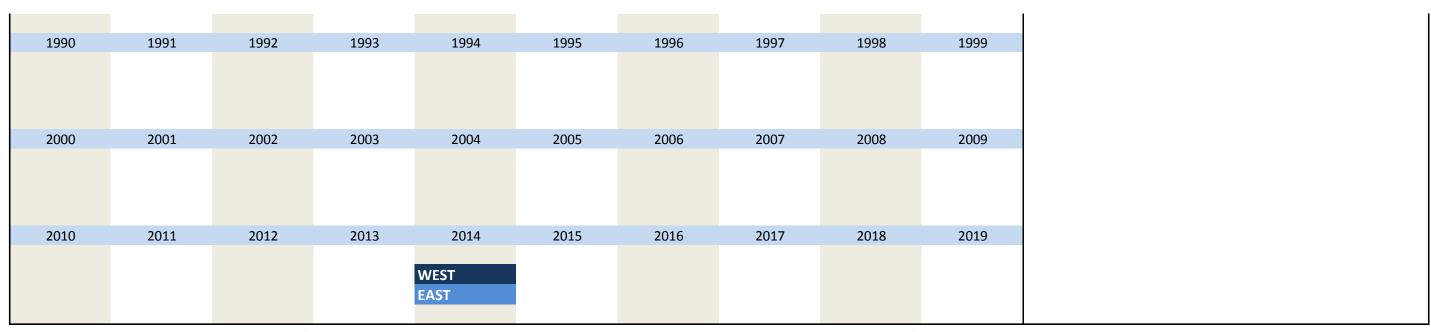
3.101) vg_ros_loss return on sales: loss East and West since 09/2008 May,Sep

Wording of question



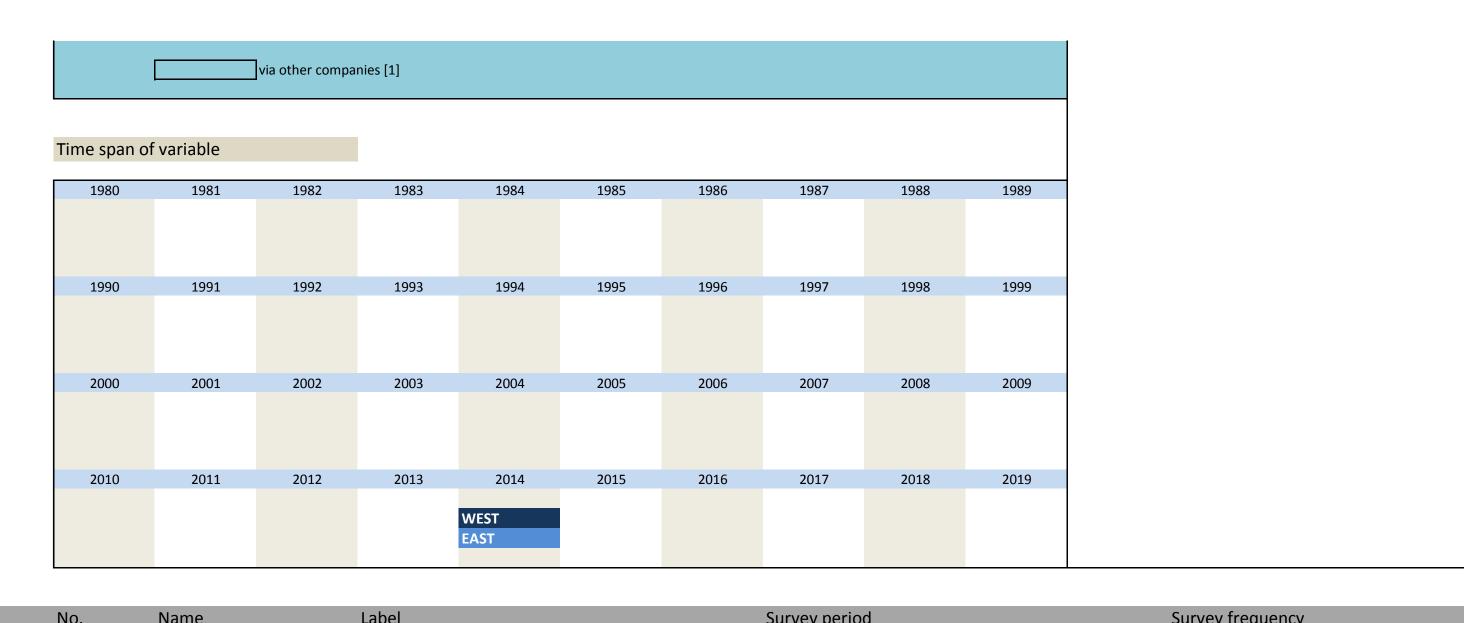






3.105)	vg_russia4		Russia/Ukraine	conflict q4			East and Wes	st 05/2014 a	nd 06 2014	once
Wording of										
06/2014										Further Information
	company have busin	ess connections	s to Russia?							
	VIIIIIIIIIIIIIIII		V ananananan	3						
		yes		<u> </u>						
If yes:		laint vanturas v	with russian comp	opnios [1]						
		Joint Ventures V	with russian comp	oanies [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	d		Survey frequency
3.106)	vg_russia5		Russia/Ukraine	conflict q5			East and Wes	st 05/2014 a	nd 06 2014	once
3.106) Wording of			Russia/Ukraine	conflict q5			East and Wes	st 05/2014 a	nd 06 2014	once
			Russia/Ukraine	conflict q5			East and Wes	st 05/2014 a	nd 06 2014	Once Further Information
Wording of 06/2014		ess connections		conflict q5			East and Wes	st 05/2014 a	nd 06 2014	
Wording of 06/2014	f question			71			East and Wes	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your of	f question company have busin		s to Russia?	71			East and Wes	st 05/2014 a	nd 06 2014	
Wording of 06/2014	company have busin		s to Russia?	71			East and Wes	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your of	company have busin	yes	s to Russia?	71			East and Wes	st 05/2014 a	nd 06 2014	
Wording of 06/2014 D) Does your of 16 to	of variable	yes own branches i	s to Russia?	no						
Wording of 06/2014 D) Does your of 16 yes:	company have busin	yes	s to Russia?	71	1985	1986	East and Wes	1988	1989	
Wording of 06/2014 D) Does your of If yes: Time span 1980	of variable	yes own branches i 1982	s to Russia? n Russia [1]	1984			1987	1988	1989	
Wording of 06/2014 D) Does your of 16 to	of variable	yes own branches i	s to Russia?	no	1985	1986				
Wording of 06/2014 D) Does your of 1980 1990	of variable 1981	yes own branches i 1982	s to Russia? n Russia [1] 1983	1984 1994	1995	1996	1987	1988	1989	
Wording of 06/2014 D) Does your of If yes: Time span 1980	of variable	yes own branches i 1982	s to Russia? n Russia [1]	1984			1987	1988	1989	
Wording of 06/2014 D) Does your of 1980 1990 2000	of variable 1981 2001	yes own branches i 1982 1992 2002	s to Russia? n Russia [1] 1983 2003	1984 1994 2004	1995 2005	1996 2006	1987	1988	1989	
Wording of 06/2014 D) Does your of 1980 1990	of variable 1981	yes own branches i 1982	s to Russia? n Russia [1] 1983	1984 1994 2004	1995	1996	1987	1988	1989	
Wording of 06/2014 D) Does your of 1980 1990 2000	of variable 1981 2001	yes own branches i 1982 1992 2002	s to Russia? n Russia [1] 1983 2003	1984 1994 2004	1995 2005	1996 2006	1987	1988	1989	
Wording of 06/2014 D) Does your of 1980 1990 2000	of variable 1981 2001	yes own branches i 1982 1992 2002	s to Russia? n Russia [1] 1983 2003	1984 1994 2004 WEST	1995 2005	1996 2006	1987	1988 1998 2008	1989	Further Information
Wording of 06/2014 D) Does your of 1980 1990 2000	of variable 1981 2001	yes own branches i 1982 1992 2002	s to Russia? n Russia [1] 1983 2003	1984 1994 2004 WEST	1995 2005	1996 2006	1987	1988 1998 2008	1989	
Wording of 06/2014 D) Does your of 1980 Time span 1980 1990 2000 2010	of variable 1981 2001 Name vg_russia6	yes own branches i 1982 1992 2002	s to Russia? n Russia [1] 1983 2003	1984 1994 2004 WEST EAST	1995 2005	1996 2006	1987	1988 1998 2008	1989 1999 2009	Further Information
Wording of 06/2014 D) Does your of 1980 Time span 1980 2000 2010	of variable 1981 2001 Name vg_russia6	yes own branches i 1982 1992 2002	s to Russia? n Russia [1] 1983 2003 2013	1984 1994 2004 WEST EAST	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	1989 1999 2009	Survey frequency once
Wording of 06/2014 D) Does your of 1980 Time span 1980 1990 2000 2010	of variable 1981 2001 Name vg_russia6	yes own branches i 1982 1992 2002	s to Russia? n Russia [1] 1983 2003 2013	1984 1994 2004 WEST EAST	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	1989 1999 2009	Survey frequency

If yes:



140.	Name		Label				Jul Vey perio	•		Survey frequency
3.108)	vg_russia7		Russia/Ukraine	conflict q7			East and Wes	st 05/2014 aı	nd 06 2014	once
Wording of	question									
										Further Information
06/2014										Further Information
D) Did you alre	eady experience im	pairments due to	the russian-ukra	ainian conflict?						
,	, ,									
		yes[1]		no[2]						
Time span o	of variable									
Tille spall C	or 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						
										I

3.109)	vg_russia8		Russia/Ukraine	conflict q8			East and Wes	st 05/2014 ar	nd 06 2014	once
ording of	question									
										Further Information
5/2014										
Are you expe	ecting future impa	irments for your	company?							
		yes[1]		no[2]						
me span o	f variable		ı							
	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1980	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						
									I	

Survey period

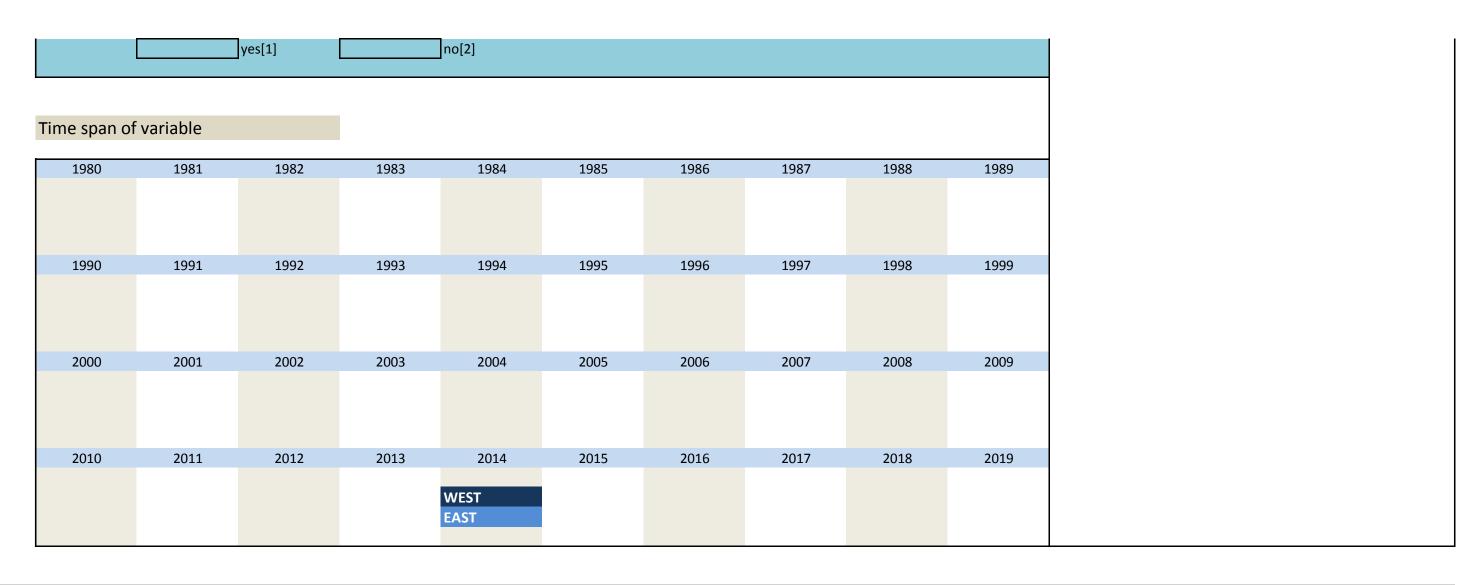
Label

No.

Name

Survey frequency

No.	Name	Label	Survey period	Survey frequency
3.110)	vg_fambus	family business	East and West 02/2014	once
Wording	of question			
				Further Information
02/2014				
D) For resea	arch purposes?			
	ision yourself as a family bu		2P contract constants IV	
(This means	s a company whose voting	capital is held predominately by one or more fam	illies that are connected)	



No.	Name		Label				Survey perio	d		Survey frequency
3.111)	vg_minim1		minimum wage	q1			East and We	st 11/2014		once
Wording of	f question	l								
										Further information
11/2014										
	5 the general minim pany affected by thi		will be implemen	ted.						
is your comp	pany anteced by the	.								
		yes[1]		no[2]						
Time span	of variable									
1000	1001	1002	1002	1004	1005	1006	1007	1000	1000	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980 1990	1981	1982 1992	1983 1993	1984	1985 1995	1986 1996	1987 1997	1988 1998	1989 1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990 2000	2001	2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

Label

No.

Name

112)	vg_minim2		minimum wage	q2			East and We	st 11/2014		once
ording of	question									
										Further information
1/2014										
	e general minimum		l be implemented	d.						
your compan	iy arrected by tills:									
		yes		no						
If yes: With	which measures wi	ll you likely react	t to the minimum	wage?						
		[1] No measures	s neccessary or so	cheduled						
ime span c	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	

Survey period

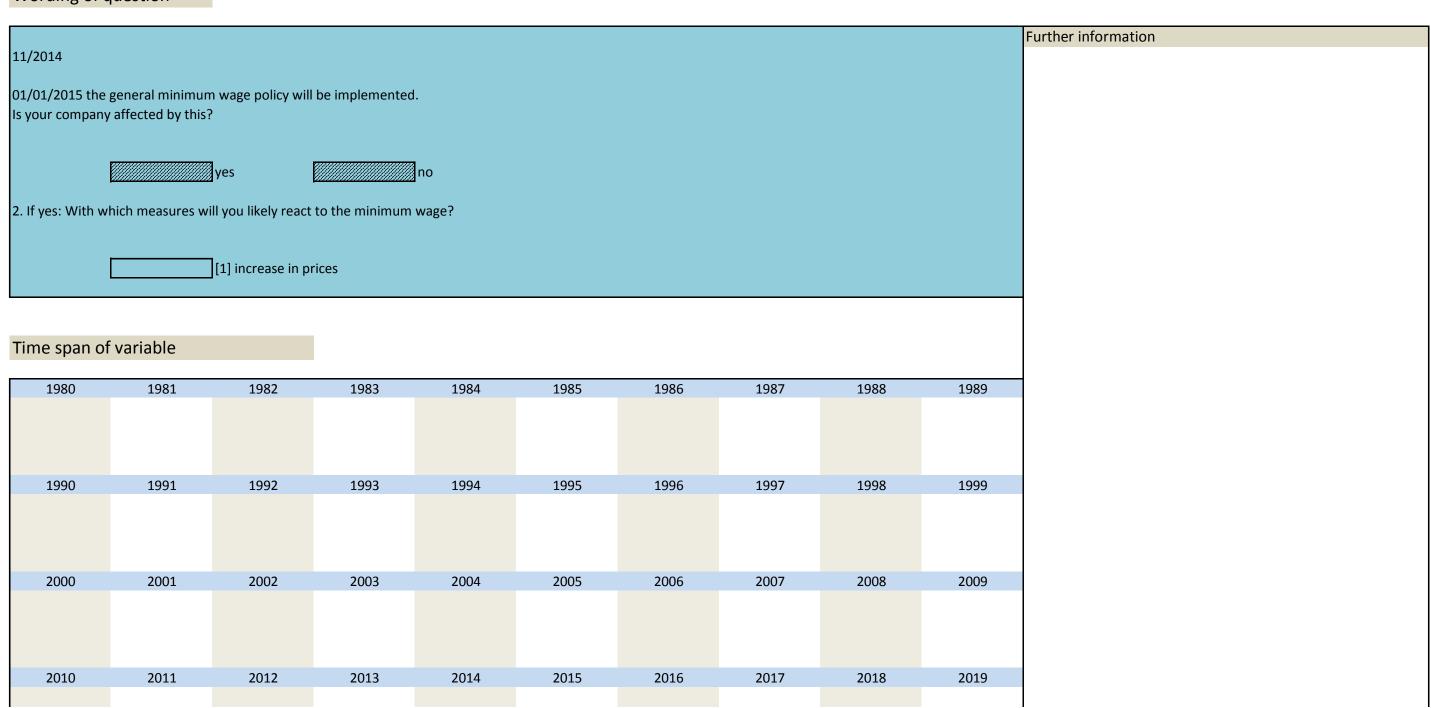
Survey frequency

No.	Name	Label	Survey period	Survey frequency
3.113)	vg_minim3	minimum wage q3	East and West 11/2014	once
3.113,	16_		2450 4114 17 650 22, 202 1	0.1.00
Wording of	of question			
11/2014				Further information

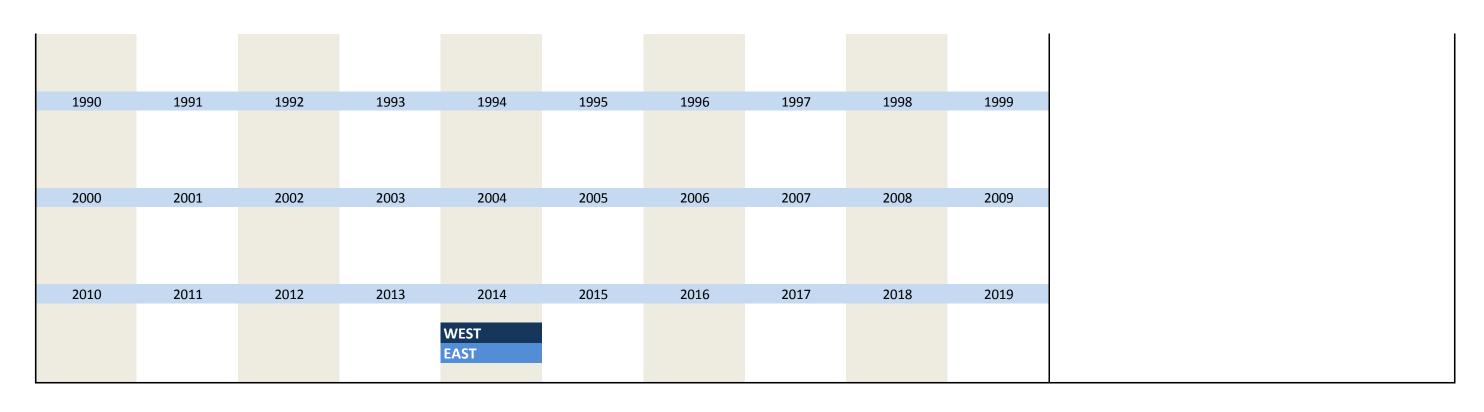
	y affected by this?		be implemented	d. 					
2. If yes: With v	which measures wi		to the minimum	-					
		[1] personnel cut	CS .						
Time span o	f variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
				WEST EAST					

No.	Name		Label				Survey perio	d		Survey frequency
3.114)	vg_minim4		minimum wage	q4			East and We	st 11/2014		once
Wording of	f question									
11/2014										Further information
01/01/2015 th	ne general minimum any affected by this?		be implemented	1.						
		yes		no						
2. If yes: With	which measures wi	ll you likely react	to the minimum	wage?						
		[1] reduction of v	working hours							
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	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 period	Survey frequency
3.115)	vg_minim5	minimum wage q5	East and West 11/2014	once







	Name		Label				Survey perio	d		Survey frequency
3.119)	vg_invest_lj		total investment	last year			East and We	st since 05/20)15	
Wording of	question									
05/2015										Further information
Investments										
1) Last year (20	OYY* compared to 2	20WW**) our in	vestments were							*20YY means last year
			Total investments	s						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:
	decreased [3]									20WW=2013
Time span o	of variable 1981	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 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	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	

Label

No.

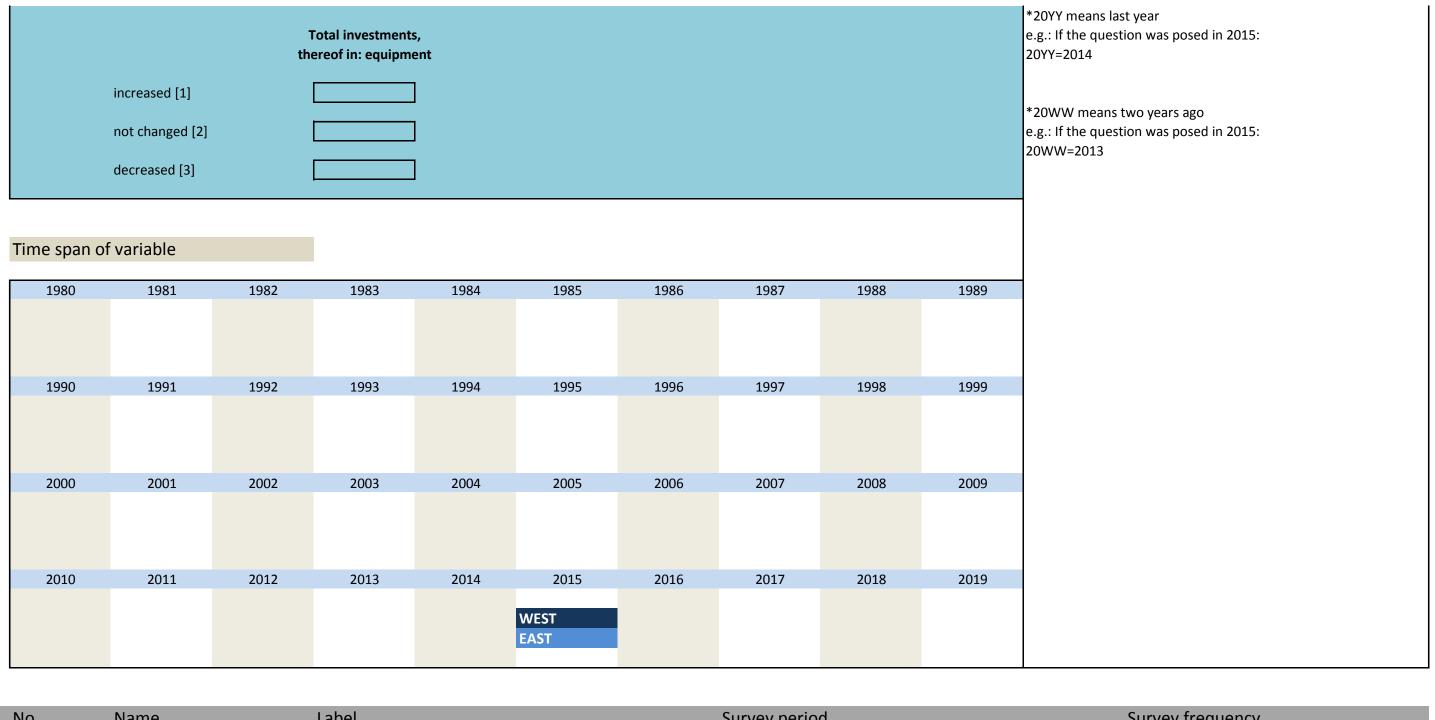
Name

3.120)	vg_invcon_lj		investment in co	nstruction last y	ear		East and Wes	st since 05/2	015	
Wording of	question									
05/2015										Further information
Investments 1) Last year (20	OYY* compared to 2		Total investments							*20YY means last year e.g.: If the question was posed in 2015:
	:	the	ereof in: construct	ion						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]									
Time span c	of variable		l							
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST EAST					

Survey period

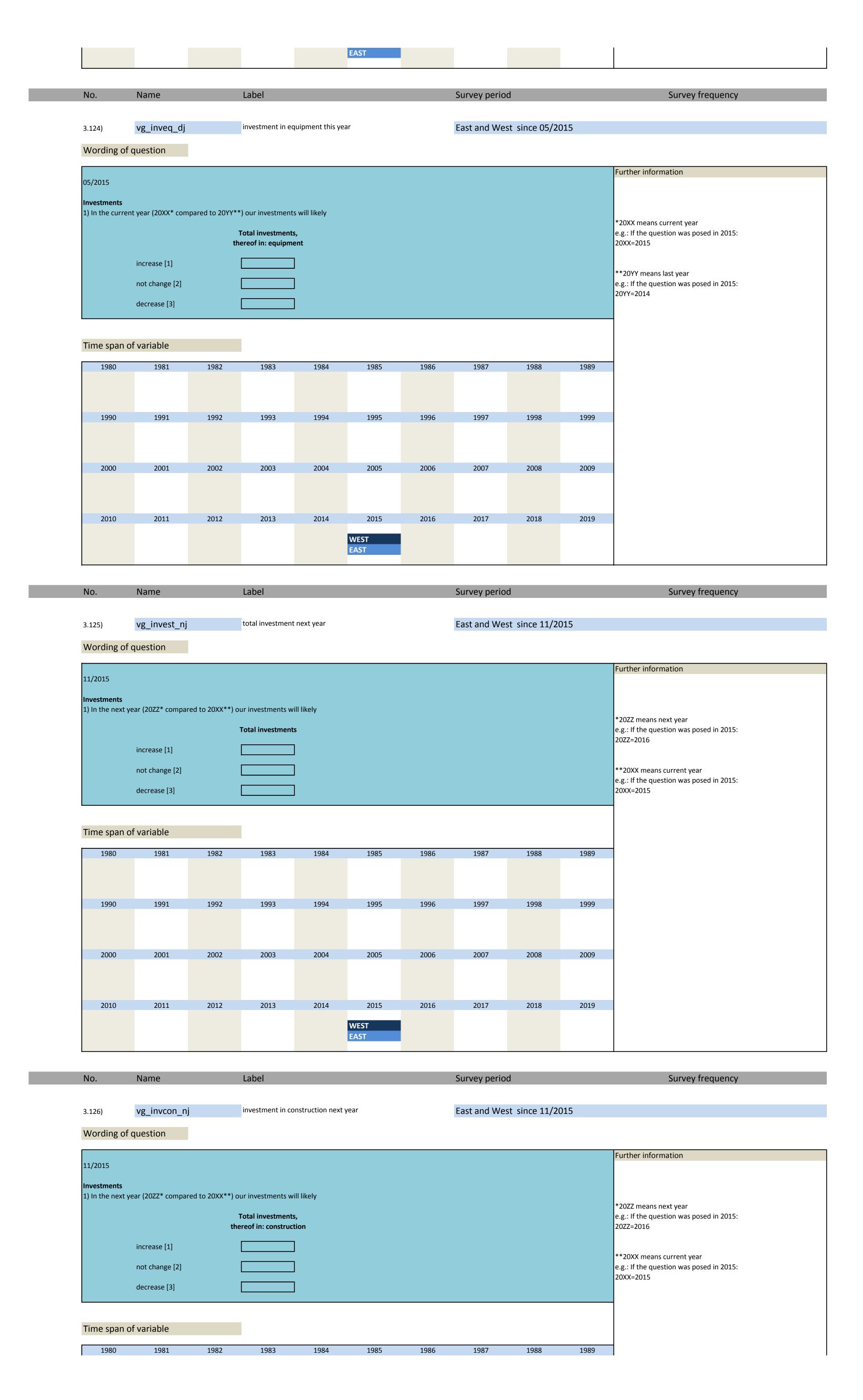
Survey frequency

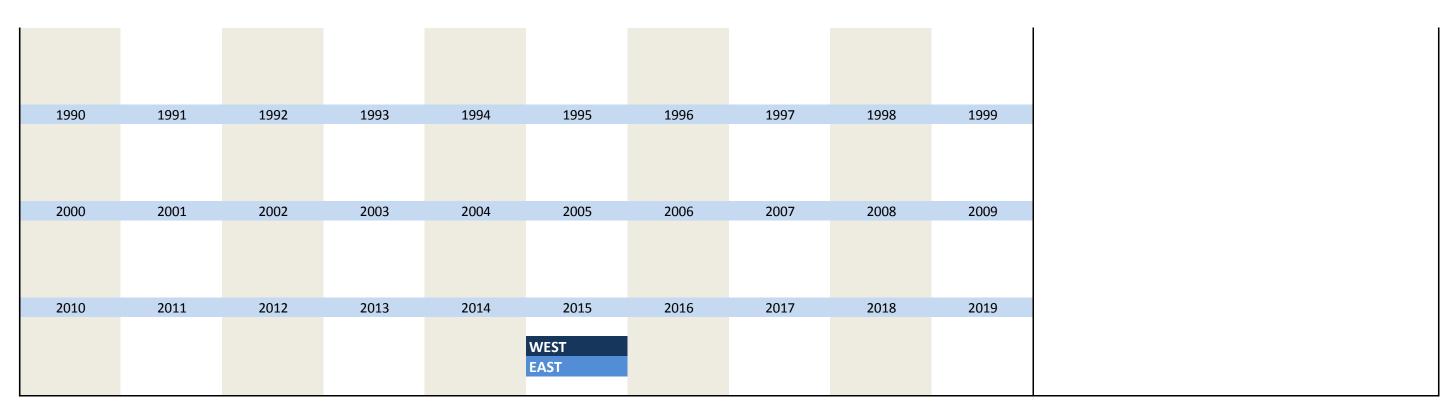
INO.	Ivaille	Lanci	Survey period	Survey frequency
3.121)	vg_inveq_lj	investment in equipment last year	East and West since 05/2015	
Wording o	of question			
05/2015				Further information
Investments				
1) Last year (2	20YY* compared to 20WW**) ou	r investments were		



N	0.	Name		Label Survey period							Survey frequency
3.1	122)	vg_invest_dj		total investment	this year			East and We	st since 05/20)15	
M	ording of	auestion									
_	Torum g or	question									
05	/2015										Further information
	vestments In the curren	nt year (20XX* comp	pared to 20YY*	*) our investments	will likely						
		, , , , , , , , , , , , , , , , , , ,									*20XX means current year
				Total investments							e.g.: If the question was posed in 2015: 20XX=2015
		increase [1]									
		not change [2]									**20YY means last year
		decrease [3]									e.g.: If the question was posed in 2015: 20YY=2014
Ti	me span o	of variable									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	1990	1331	1992	1993	1994	1993	1990	1337	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
123)	vg_invcon_dj		investment in cor	nstruction this yo	ear		East and Wes	st since 05/2	015	
ording of	question									
5/2015										Further information
vestments In the curre	nt year (20XX* compa) our investments Fotal investments,							*20XX means current year e.g.: If the question was posed in 2015:
			reof in: constructi							20XX=2015
	increase [1]									**2000/
	not change [2]									**20YY means last year e.g.: If the question was posed in 2015:
										0000
	decrease [3]									20YY=2014
	decrease [3]									20YY=2014
										20YY=2014
me span (decrease [3] of variable									20YY=2014
me span o		1982	1983	1984	1985	1986	1987	1988	1989	20YY=2014
	of variable	1982	1983	1984	1985	1986	1987	1988	1989	20YY=2014
	of variable	1982	1983	1984	1985	1986	1987	1988	1989	20YY=2014
	of variable	1982	1983	1984	1985	1986	1987	1988	1989	20YY=2014
1980	of variable 1981									20YY=2014
1980	of variable 1981									20YY=2014
1980	of variable 1981									20YY=2014
1980 1990	of variable 1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	20YY=2014
1980 1990	of variable 1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	20YY=2014





March Marc	No.	Name		Label							
March Marc	3.127)	vg inveq ni		investment in eq	juipment next y	year		East and Wes	st since 11/2	015	
Continue									,		
1-10-15 1-10		. 90.000.0									Further information
1	11/2015										
Part		year (20ZZ* compar	red to 20XX**)	our investments w	ill likely						
Ministry				Total investments	5,						
1				thereof in: equipme	ent						20ZZ=2016
Time span role functions Time span role func											
Interest space of free make											
1.058		decrease [3]									
1.058	Time span	of variable									
Mo. Nume Label Survey period Survey period Survey frequency			1982	1983	1984	1985	1986	1987	1988	1989	
Mo. Nume Label Survey period Survey period Survey frequency											
Mo. Nume Label Survey period Survey period Survey frequency											
No. Name: Label: Survey period: Survey feetugency No. Name: Label: Survey period: Survey feetugency No. Name: Label: Survey period: Survey feetugency No. Name: Label: Survey period: Fast and West: 10/2015: once Wording of question: ***The large day squares be presented all anyons seeless to be employed in the following positions' [1] treatl 1 transce: 10 1995 1 transce: 10 1995 1 1995 1 1995 2 1995 2 1995 2 1995 2 1995 2 1995 2 1995 2 1995 2 1995 2 1995 2 1995 2 1995 2 1995 3	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
No. Name: Label: Survey period: Survey frequency No. Name: Label: Survey period: Survey frequency No. Name: Label: Survey period: Survey frequency No. Name: Label: Survey period: Fact and West: 18/2/815 once Wording of question 1.105											
No. Name Label Survey period survey period survey frequency 3.175; yg_ref1	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
No. Name Label Survey period survey period survey frequency 3.175; yg_ref1											
No. Name Label Survey period survey period survey frequency 3.175; yg_ref1	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No. Name Label Survey period Survey frequency 1.1929 Vg_ref1						WEST					
Support Part						EAST					
Support Part											
More Label Survey period Survey frequency Further Information	NIO	Nama		Labal				C. m. co. c. monio	ما	_	
10/2015	No.	Name		Label				Survey perio	d	-	Survey frequency
1.					on 1						
1. How large du you access the potential of asylum seekers to be employed in the following positions? Li small 12 large	3.128)	vg_ref1			on 1						
Time span of variable 1980 1981 1992 1983 1994 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 FAST No. Name Label Survey period Survey frequency 3.129) vg_ref2 refugeres question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of	vg_ref1			on 1						once
Time span of variable 1980	3.128) Wording of 10/2015	vg_ref1 f question	otential of asylu	refugees questio		following positions?					once
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST No. Name Label Survey period Survey frequency 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1 How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015	vg_ref1 f question	otential of asylu	refugees questio							once
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST No. Name Label Survey period Survey frequency 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1 How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015	vg_ref1 f question do you assess the po	otential of asylu	refugees questio							once
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST FAST No. Name Label Survey period Survey frequency 3.129) Vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015	vg_ref1 f question do you assess the po	otential of asylu	refugees questio							once
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 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d	vg_ref1 f question do you assess the po	otential of asylu	refugees questio							once
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 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d	vg_ref1 f question do you assess the po trainees of variable		refugees question um seekers to be en [1] small	nployed in the f	[2] large		East and Wes	st 10/2015	1989	once
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 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d	vg_ref1 f question do you assess the po trainees of variable		refugees question um seekers to be en [1] small	nployed in the f	[2] large		East and Wes	st 10/2015	1989	once
No. Name Label Survey period Survey frequency Nogref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980	vg_ref1 f question do you assess the po trainees of variable 1981	1982	refugees question um seekers to be en [1] small 1983	nployed in the f	[2] large	1986	East and Wes	1988		once
No. Name Label Survey period Survey frequency Nogref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980	vg_ref1 f question do you assess the po trainees of variable 1981	1982	refugees question um seekers to be en [1] small 1983	nployed in the f	[2] large	1986	East and Wes	1988		once
No. Name Label Survey period Survey frequency 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980	vg_ref1 f question do you assess the po trainees of variable 1981 1991	1982	refugees question um seekers to be en [1] small 1983	nployed in the f	[2] large	1986	East and Wes	1988	1999	once
No. Name Label Survey period Survey frequency 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980	vg_ref1 f question do you assess the po trainees of variable 1981 1991	1982	refugees question um seekers to be em [1] small 1983 1993	nployed in the f	[2] large	1986 1996	1987 1997	1988 1998	1999	once
No. Name Label Survey period Survey frequency 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980	vg_ref1 f question do you assess the po trainees of variable 1981 1991	1982	refugees question um seekers to be em [1] small 1983 1993	nployed in the f	[2] large	1986 1996	1987 1997	1988 1998	1999	once
No. Name Label Survey period Survey frequency 3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980 1990 2000	vg_ref1 f question do you assess the po trainees of variable 1981 1991 2001	1982	refugees question um seekers to be em [1] small 1983 1993 2003	1984 1994 2004	[2] large 1985 1995 2005	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	once
3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980 1990 2000	vg_ref1 f question do you assess the po trainees of variable 1981 1991 2001	1982	refugees question um seekers to be em [1] small 1983 1993 2003	1984 1994 2004	[2] large 1985 1995 2005 WEST	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	once
3.129) vg_ref2 refugees question 2 East and West 10/2015 once Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980 1990 2000	vg_ref1 f question do you assess the po trainees of variable 1981 1991 2001	1982	refugees question um seekers to be em [1] small 1983 1993 2003	1984 1994 2004	[2] large 1985 1995 2005 WEST	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	once
Wording of question 10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980 1990 2000	vg_ref1 f question do you assess the po trainees of variable 1981 2001 2011	1982	refugees question um seekers to be em [1] small 1983 1993 2003	1984 1994 2004	[2] large 1985 1995 2005 WEST	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	Further Information
10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980 1990 2000	vg_ref1 f question do you assess the po trainees of variable 1981 2001 2011	1982	refugees question um seekers to be em [1] small 1983 1993 2003	1984 1994 2004	[2] large 1985 1995 2005 WEST	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	Further Information
10/2015 1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980 1990 2000 No.	vg_ref1 f question do you assess the po trainees of variable 1981 1991 2001 2011	1982	refugees question Image: seekers to be engineering to be engineer	1984 1994 2004	[2] large 1985 1995 2005 WEST	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Further Information Survey frequency
1. How large do you assess the potential of asylum seekers to be employed in the following positions? [1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980 1990 2000 2010	vg_ref1 f question do you assess the po trainees of variable 1981 2001 2011 Name vg_ref2	1982	refugees question Image: seekers to be engineering to be engineer	1984 1994 2004	[2] large 1985 1995 2005 WEST	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Further Information Survey frequency
[1] small [2] large	3.128) Wording of 10/2015 1. How large d 1980 1990 2000 2010 Wording of	vg_ref1 f question do you assess the po trainees of variable 1981 2001 2011 Name vg_ref2	1982	refugees question Image: seekers to be engineering to be engineer	1984 1994 2004	[2] large 1985 1995 2005 WEST	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Further Information Survey frequency once
	3.128) Wording of 10/2015 1. How large d 1980 1990 2000 2010 No. 3.129) Wording of 10/2015	vg_ref1 f question do you assess the po trainees of variable 1981 1991 2001 Name vg_ref2 f question	1982 1992 2002	refugees question In seekers to be end [1] small 1983 1993 2003 Label refugees question	1984 1994 2004	1985 1995 2005 2015 WEST EAST	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Further Information Survey frequency once
	3.128) Wording of 10/2015 1. How large d 1980 1990 2000 2010 No. 3.129) Wording of 10/2015	vg_ref1 f question do you assess the po trainees of variable 1981 1991 2001 Name vg_ref2 f question	1982 1992 2002	refugees question In seekers to be entered at 1983 1983 1993 2003 Label refugees question um seekers to be entered at 1983	1984 1994 2004	1985 1995 2005 WEST EAST Following positions?	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Further Information Survey frequency once

Time span of	variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1000	1001	1002	1002	1004	1005	1000	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
3.130)	vg_ref3		refugees questio	n 3			East and Wes	st 10/2015		once
Wording o	of question									
										Further Information
10/2015										
1. How large	do you assess the po	otential of asylun	n seekers to be em	ployed in the f	following positions?					
			[1] small		[2] large					
	skilled workers									
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	2000	2003	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST					
					EAST					
No	Name		Labol				Cumanania	d		Currier from the
No.	Name		Label				Survey perio	u		Survey frequency

3.131)	vg_ref4		refugees question	on 4			East and Wes	st 10/2015		once
Wording of	question									
10/2015										Further Information
1. How large d	o you assess the pot	tential of asylun	n seekers to be en	nployed in the f	ollowing 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	
					WEST EAST					

	No.	Name	Label		Survey period	Survey frequency
:	3.132)	vg_ref5	refugees question 5		East and West 10/2015	once
	Wording of o	question				
	10/2015					Further Information
	1. How large do	you assess the potential of asylur	n seekers to be employed in the fo	ollowing positions?		
			[1] small	[2] large		
		other positions				

Ti									
Time spa	an 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	2001	2003	2000	2007	2000	2003
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
					WEST				
					EAST				

lo.	Name		Label				Survey period	d		Survey frequency
.133)	vg_ref6		refugees questio	n 6			East and Wes	st 10/2015		once
Vording of c	question									
0/2015										Further Information
	an obstacle to om	nloving acylum (cookors do vou con	osidar tha falla	wing factors to be i	n vour branch				
. How much of	an obstacle to em	pioying asylullis		isider the follow		n your branch.				
			[1] little		[2] much					
	labor law-related	provisions								
ime span of	fvariable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
									2000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
		1992	1993 2003	1994 2004			1997 2007	1998 2008	1999 2009	
2000	1991 2001				1995 2005	1996 2006				
2000										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

No.

Name

Label

3.134)	vg_ref7		refugees questi	on 7			East and Wes	st 10/2015		once
3.134)	vg_iei/		rerugees questi	J., ,			Last and We.	31 10/2013		Office
Wording of	question									
										Further Information
10/2015										
2. how much o	of an obstacle to em	nploying asylum s	seekers do you co	onsider the follow	wing factors to be	in your branch:				
				[1] little		[2] much				
	unfit level of qua	alification			7]]			
	anne rever or que									
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	2013	2014		2010	2017	2010	2013	
					WEST EAST					
					EAST					

Survey period

Survey frequency

No.	Name	Label		Survey period	Survey frequency
3.135)	vg_ref8	refugees question 8		East and West 10/2015	once
Wording of o	question				
10/2015					Further Information
10/2015					
2. how much of	an obstacle to employing asylum	seekers do you consider the follo	wing factors to be in your branch:		
		[1] little	[2] much		
	minimum wage				

•	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				
L										

0.	Name		Label				Survey period	ł		Survey frequency
136)	vg_ref9		refugees questio	on 9			East and Wes	t 10/2015		once
ording of o	question									
)/2015										Further Information
	an abstacla to am		cookers do vou co	ncidar tha fallau	ing factors to be i	a vour branch.				
now much of	an obstacle to en	ipioying asylum		risider the follow	ving factors to be i	n your branch.				
			[1] little		[2] much					
	lack of language	skills								
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	
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	2003	2004	2005	2006	2007	2008	2009	

4. Special question Innovation

No. Name Label Survey period Survey frequency

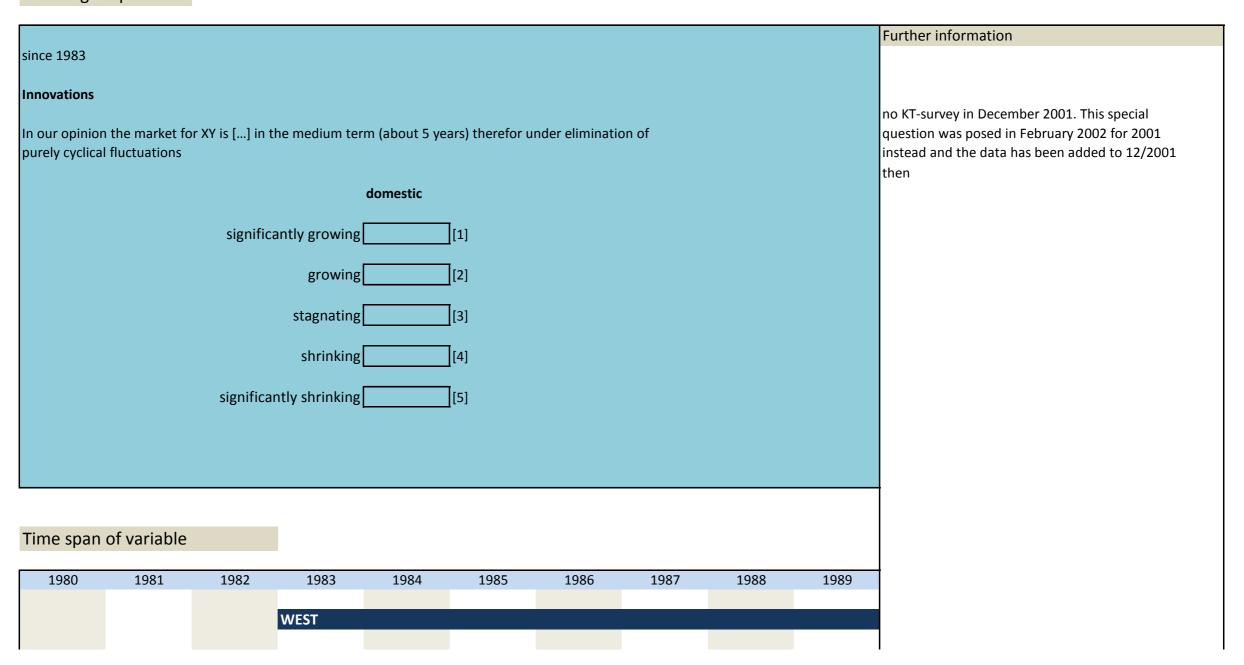
4.1) vg_market_national_1 development of national markets in next 5 years

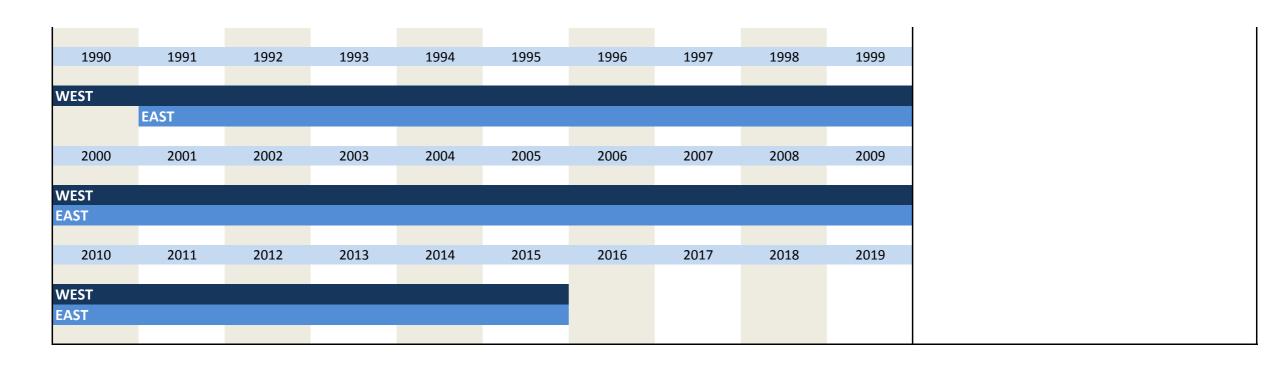
West 12/1981 - 12/1982 annual

Wording of question

1001 9, 1002										Further information
1981 & 1982										
nnovations										
	n the market fo I fluctuations									
				domestic						
			growing		[1]					
			stagnating		[2]					
			shrinking		[3]					
	of variable	1055	1000		4025	40.55		10-70		
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	
								2040		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

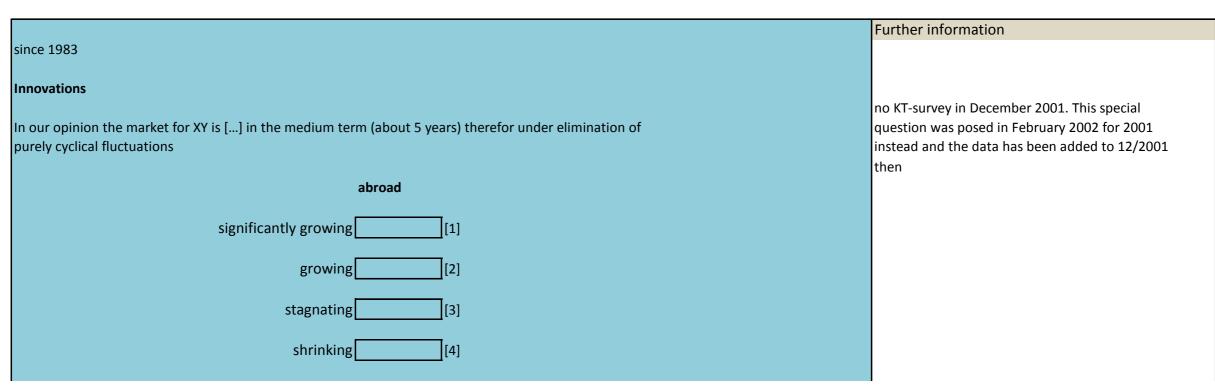
No.	Name	Label		Survey period	Survey frequency
4.2)	vg_market_national_	2	development of national markets	West since 12/1983	annual
			in next 5 years	East since 12/1991	annual





No.	Name	L	Label				Survey per	iod		Survey frequency
4.3)	vg_market	_abroad_1		development		kets	West 12/19	981 - 12/19	82	annual
Wording	of question			in next 5 years	S					
Wording	, or question									
1981 & 198	32									Further information
Innovations	ς.									
		VAV. F 1			\ 6					
	ion the market fo cal fluctuations	r XY is [] in the	e medium ter	m (about 5 yea	ars) therefor u	nder eliminatio	on of			
				abroad						
			,		le.s					
			growing		[1]					
			stagnating		[2]					
			shrinking		[3]					
Time spa	n 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 Labe		Survey period	Survey frequency	
4.4)	vg_market_abroad_2	development of foreign markets	West since 12/1983	annual	
		in next 5 years	East since 12/1991	annual	
		in next 5 years	East since 12/1991	annual	

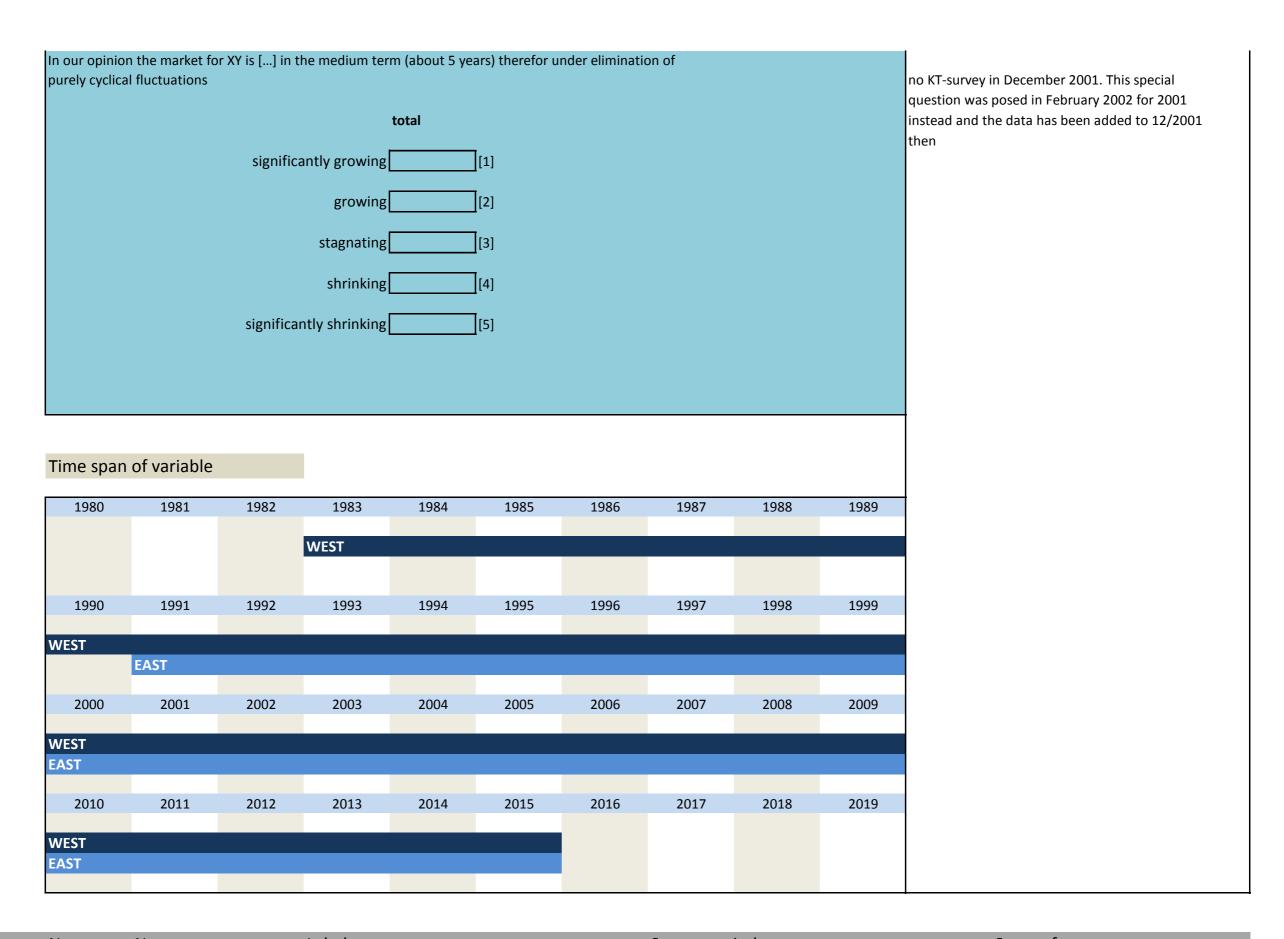


		significar	ntly shrinking		[5]				
Time span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
2000	2002			2001	2500		250.	2565	2565
			WEST						
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
WEST									
	EAST								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
WEST EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
WEST									
EAST									

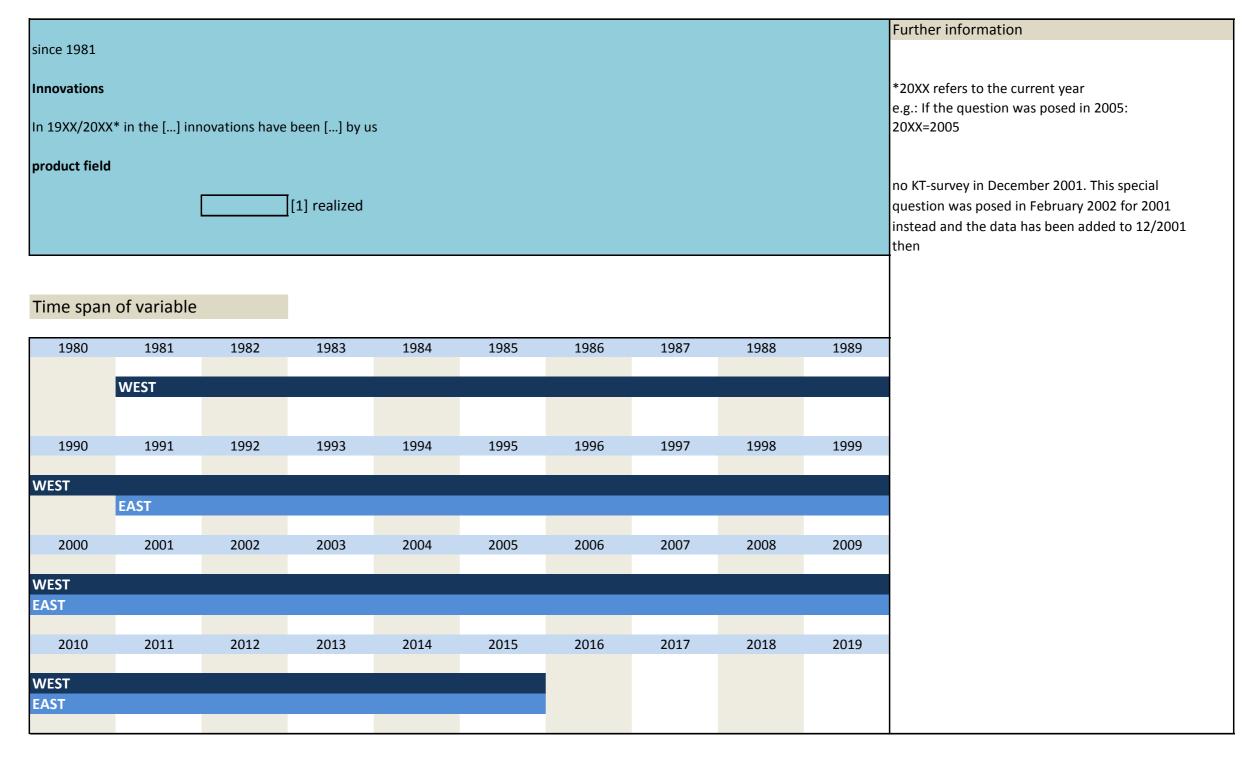
	Name		Label				Survey per	riod		Survey frequency
5)	vg_market_tot	tal_1		development	of markets in g	general	West 12/1	981 - 12/19	82	annual
			i	in next 5 year	S					
ording o	of question									
										Further information
81 & 1982										
novations										
our opinio	n the market for XY	is [] in the	e medium terr	n (about 5 ve	ars) therefor ur	nder eliminati	on of			
	al fluctuations	10 [111] 111 (111	e mealam ten	(azoaro ye	aro, crereror ar					
			1	total						
			_		I					
			growing		[1]					
			stagnating		[2]					
			shrinking		[3]					
			311111111111111111111111111111111111111		I(s)					
me span	of variable									
me span		1982	1983	1984	1985	1986	1987	1988	1989	
	1981	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981 WEST									
	1981 WEST	1982	1983 1993	1984 1994	1985 1995	1986 1996	1987 1997	1988	1989 1999	
1980	1981 WEST									
1980	1981 WEST	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981 WEST									
1980	1981 WEST	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981 WEST	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981 WEST 1991 2001	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 WEST 1991 2001	1992	1993 2003	1994	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 1990 2000	1981 WEST 1991 2001	1992	1993 2003	1994	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

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	of question			
since 1983				Further information

Innovations



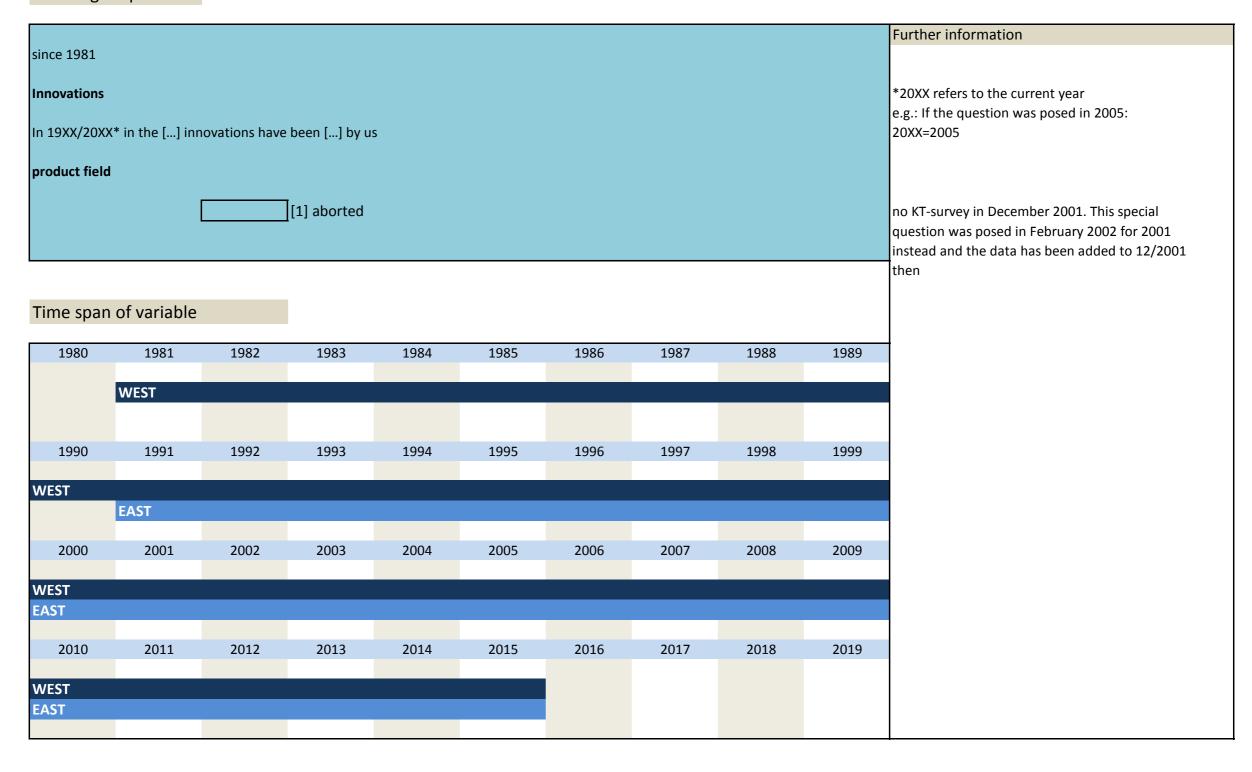
No.	Name Label		Survey period	Survey frequency
4.7)	vg_prod_inno_realized	product innovation realized this year	West since 12/1981	annual
			East since 12/1991	annual



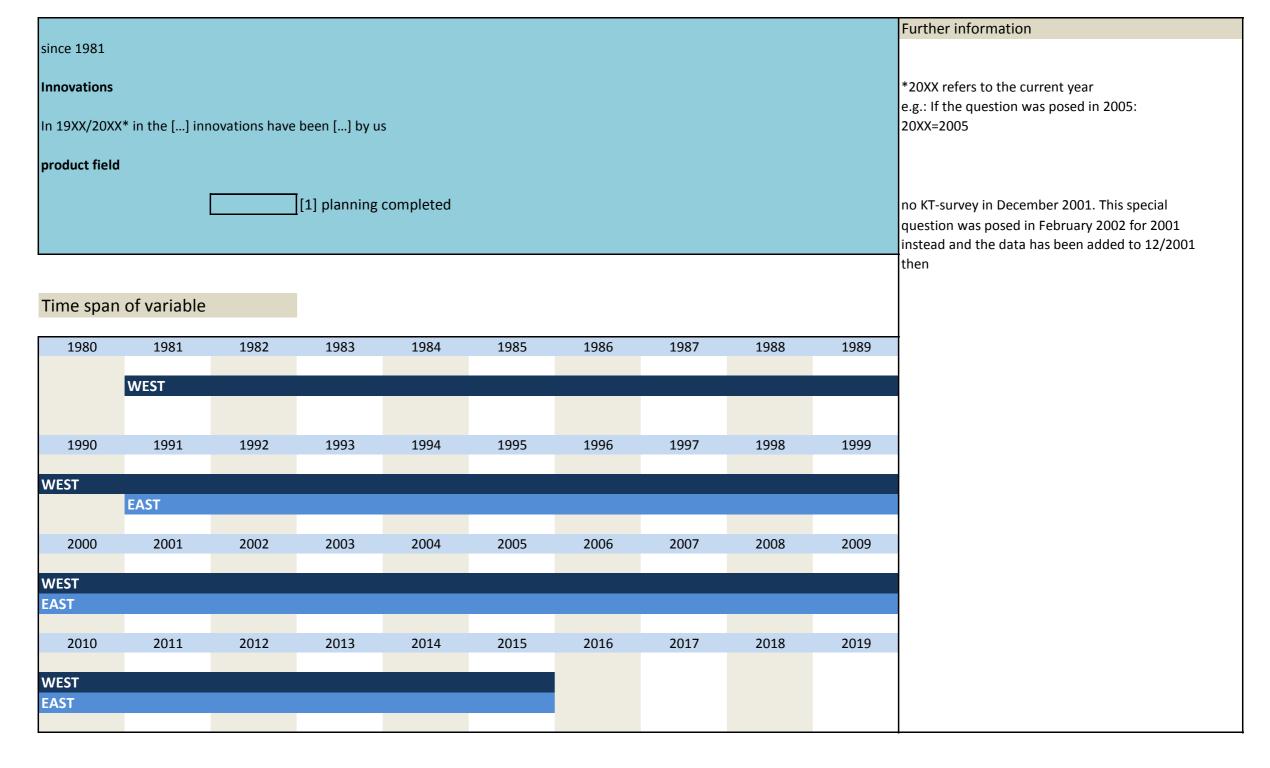
No.	Name Lab	pel	Survey period	Survey frequency
4.8)	vg_prod_inno_aborted	product innovation aborted this year	West since 12/1981	annual

East since 12/1991 annual

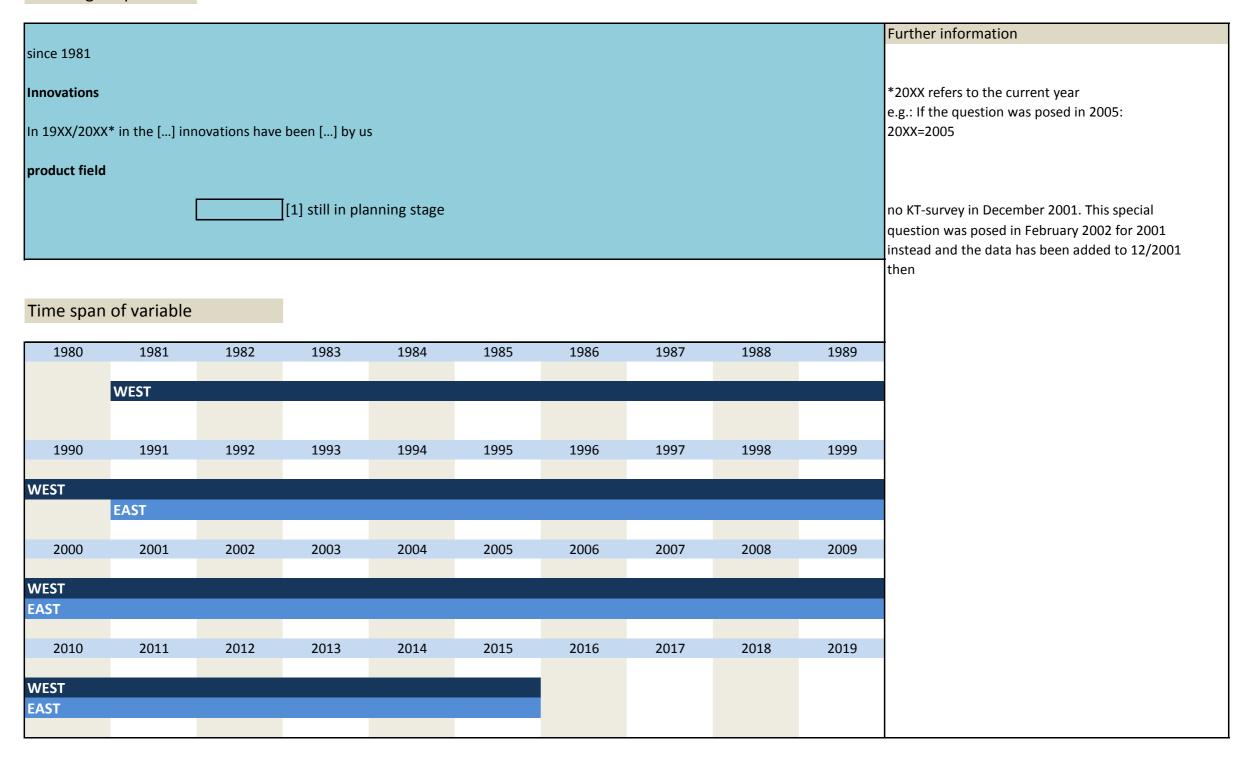
Wording of question



No.	Name Label		Survey period	Survey frequency
4.9)	vg_prod_inno_plan_completed	product innovation planning	West since 12/1981	annual
		completed this year	East since 12/1991	annual



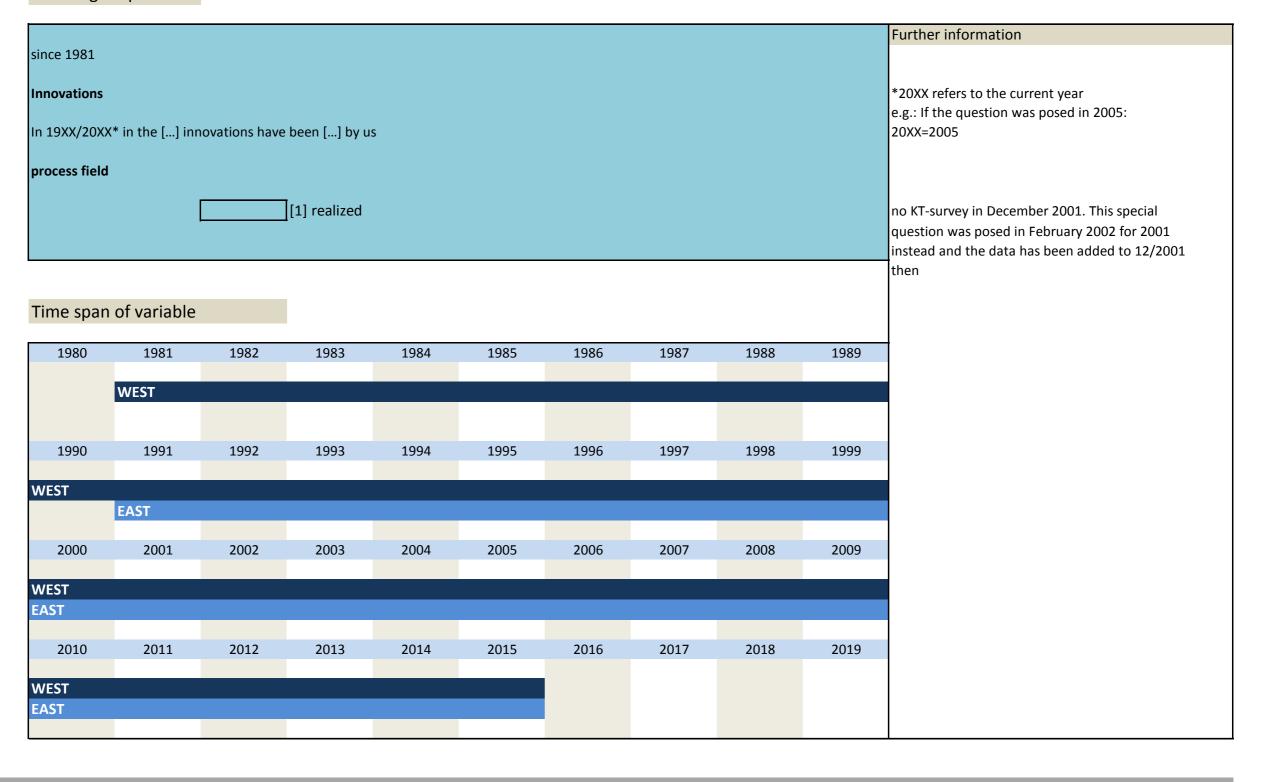
NO.	name	Labei		Survey period	Survey frequency
				111	
4.10)	vg_prod_inno_in_plan	nning	product innovation still in planning	West since 12/1981	annual
			stage this year	East since 12/1991	annual



No.	Name	Label	Survey period	Survey frequency				
			12/1001					
4.11)	vg_prod_inno_np	product innovation not planned	West since 12/1981	annual				
		this year	East since 12/1991	annual				
Wordi	Wording of question							

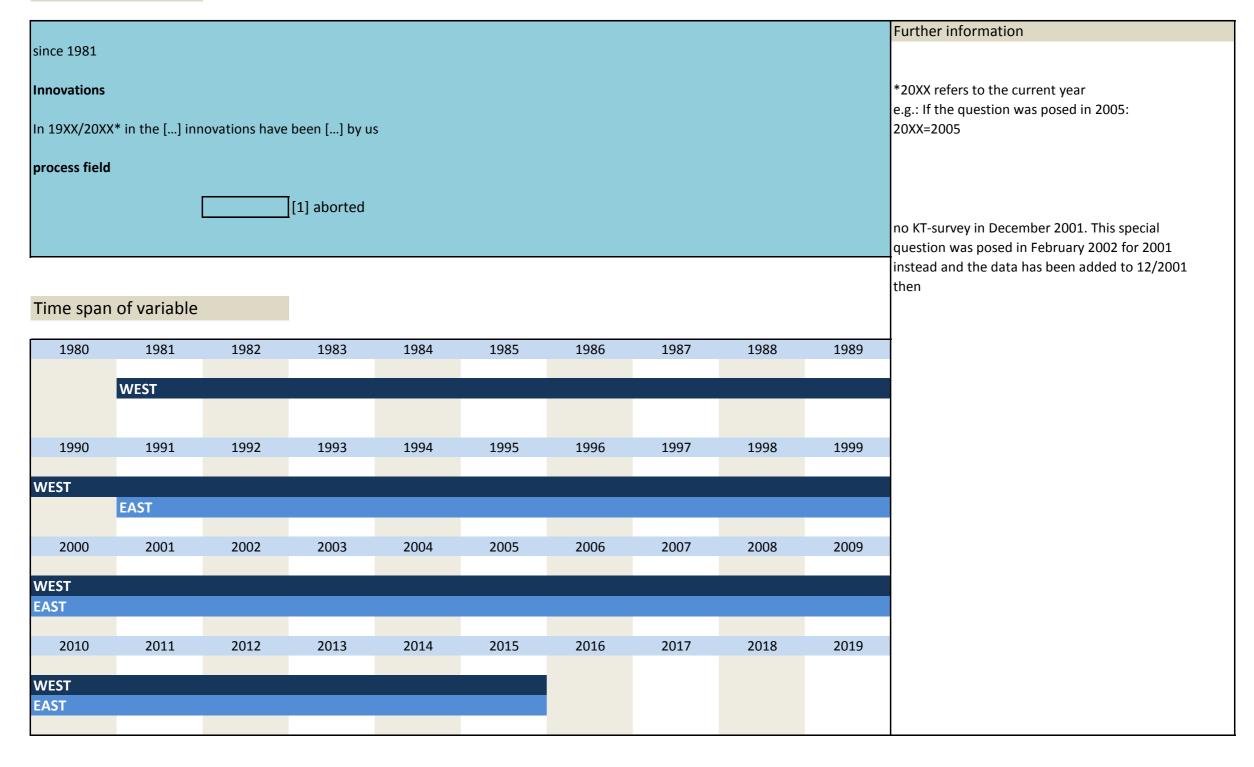
										Further information
since 1981										
Innovations										*20XX refers to the current year
										e.g.: If the question was posed in 2005:
In 19XX/20X	(* in the [] inr	novations have	been [] by u	5						20XX=2005
product field										
			I							
			[1] not plann	ed						no KT-survey in December 2001. This special question was posed in February 2002 for 2001
										instead and the data has been added to 12/2001
										then
Time span	of variable									
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WECT									
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2002	2004	2005	2006	2007	2009	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										
										<u> </u>

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



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

Wording of question



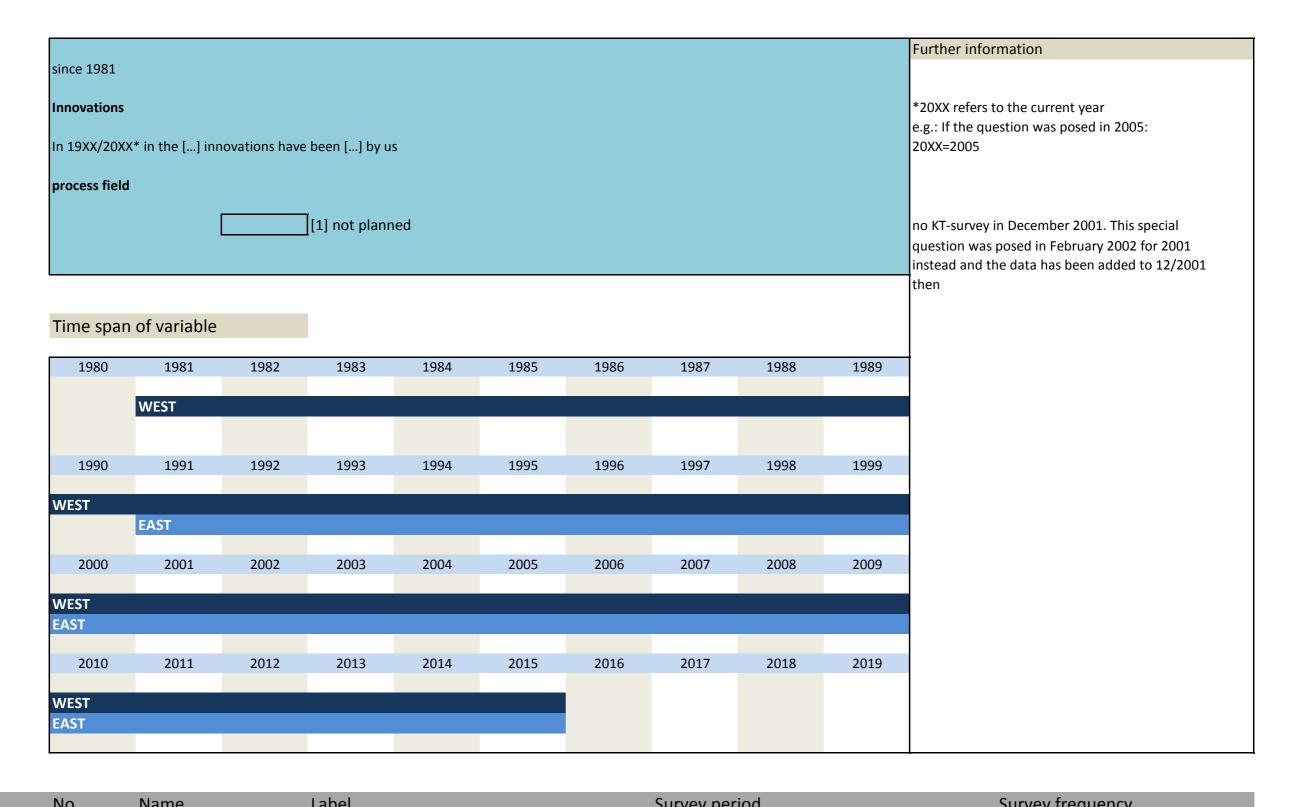
No.	Name	Label	Survey period	Survey frequency
4.14)	vg_process_inno_pla	an_complete process innovation planning	West since 12/1981	annual
		completed this year	East since 12/1991	annual

										Further information
since 1981										
Innovations										
In 19XX/20XX	(* in the [] inn	ovations have	been [] by us	5						*20XX refers to the current year e.g.: If the question was posed in 2005:
										20XX=2005
process field										
			[1] planning	completed						
										no KT-survey in December 2001. This special
										question was posed in February 2002 for 2001 instead and the data has been added to 12/2001
										then
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	_	_	_	_	_	_	_	_	_	
LAST										
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

										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 [] inr	novations have	been [] by us	5						20XX=2005
process field	l									
			[1] still in pla	nning stage						no KT-survey in December 2001. This special
										question was posed in February 2002 for 2001 instead and the data has been added to 12/2001
										then
Time chan	of variable									
Time span	i di 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	2004	2002	2002	2004	2005	2006	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	
WEST										
EAST										

NO.	Name	Labei	Survey period	Survey frequency
4.16)	vg_process_inno_np	process innovation not planned	West since 12/1981	annual
·	<u> </u>	this year	East since 12/1991	annual



INO.	ivalile Labe	:1	Survey period	Survey frequency
4.17)	vg_share_inno_phase	share of turnover in stage of	West since 12/1981	annual
	<u> </u>		Fact since 12/1001	
		product launch	East since 12/1991	annual

										Further information
since 1981										
Innovations In 20XX*our products of product line XY - measured as their share of total turnover - have been in the following stages (estimates are sufficient):										*20XX refers to the current year e.g.: If the question was posed in 2005: 20XX=2005
			% product la	aunch stage (Innovation)					no KT-survey in December 2001. This special question was posed in February 2002 for 2001 instead and the data has been added to 12/2001 then
Time span	of variable									
Tille spall	i di valiable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WECT									
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2004	2002	2002	2004	2005	2006	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	
WEST										
EAST										

No.	Name Label		Survey period	Survey frequency
4.18)	vg_share_growth_phase	share of turnover in stage of	West since 12/1981	annual
		positive growth	East since 12/1991	annual
Wordin	g of question			
	0 - 4			

Further information

since 1981										
Innovations			*20XX refers to the current year e.g.: If the question was posed in 2005:							
	products of pro the following s		20XX=2005							
nave seen in		ruges (estimat								
			no KT-survey in December 2001. This special							
			_% stage of p	JOSITIVE BIOW						question was posed in February 2002 for 2001
										instead and the data has been added to 12/2001 then
										then
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
2000										
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
WEST EAST	_	_	_	_	_	_	_	_	_	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										
										<u> </u>

No.	Name	Label		Survey period	Survey frequency
4.19)	vg_share_stagnation_	_phase	share of turnover in stage of	West since 12/1981	annual
			stagnation	East since 12/1991	annual

										Further information
since 1981										
Innovation	ıs		*20XX refers to the current year							
			e.g.: If the question was posed in 2005:							
	ur products of pro		20XX=2005							
have been	in the following	stages (estimat								
			% stage of s	tagnation						no KT-survey in December 2001. This special
										question was posed in February 2002 for 2001 instead and the data has been added to 12/2001
										then
Time spa	an of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
		2002	2000	200 .	2500	2000	2007	2000	2000	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST	EAST									
	EASI									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WECT										
WEST EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name Label		Survey period	Survey frequency
4.20)	vg_share_negative_growth	share of turnover in stage of	West since 12/1981	annual
4.20)	V8_3Hare_Hegative_\$10WtH	negative growth	East since 12/1991	annual
				5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Wording	g of question			
	·			
				Further information
since 1981	1			

*20XX refers to the current year Innovations e.g.: If the question was posed in 2005: In 20XX*our products of product line XY - measured as their share of total turnover -20XX=2005 have been in the following stages (estimates are sufficient): % stage of negative growth no KT-survey in December 2001. This special question was posed in February 2002 for 2001 instead and the data has been added to 12/2001 then Time span of variable WEST WEST EAST WEST **EAST** WEST EAST