

List of variables

Ifo Business Survey Industry

Data: 1/1980-12/2016

As of January 2017

Contents Page 1-4
Description of variables Page 5-87

LMU-ifo Economics & Business Data Center (EBDC)

Poschingerstr. 5 81679 Munich





List of variables - test of economic cycle - manufacturing industry

1. Variables of identification

2. Standard questions

3. Special questions

1. Variables of identification

No.	Name	Label	German description
1.1)	survey	survey	Umfrage
1.2)	year	year	Erhebungsjahr
1.3)	month	month	Erhebungsmonat
1.4)	idnum	KT and INNO firm adressfile id	Firmenidentifikationsnummer
1.5)	runnum	running number of plant	Laufende Firmennummer
1.6)	vg_plantnum	KT and INNO information containing id	11-stellige Identifikationsnummer
1.7)	vg_fedstaifo	federal state (ifo-code)	Bundesland entsprechend ifo Codierung
1.8)	vg_westeast	western eastern	Unterscheidet zwischen West- und Ost- Erhebung
1.9)	vg_weight	weight	Gewicht
1.10)	vg_latecomer	latecomer	Nachzügler
1.11)	sector_id	sector id	Sektor ID
1.12)	sector_ifo	ifo sector classification	ifo Sektorklassifikation
1.13)	vg_sypro	sypro sector classification	sypro Sektorklassifikation
1.14)	sector_wz93	wz93 sector classification	wz93 Sektorklassifikation
1.15)	sector_wz08	wz08 sector classification	wz08 Sektorklassifikation
1.16)	sector_total	ebdc sector classification	EBDC Sektorklassifikation
Variable	es regarding the survey process		
4 47\	online	online	Fragebogen online beantwortet
1.17)			
1.18)	survey_start	survey start	Umfragebeginn
1.19)	survey_end	survey end	Umfrageende
1.20)	participation_date	participation date	Teilnahmedatum
1.21)	participation_hour	participation hour	Teilnahmestunde
1.22)	participation_status	participation status	Teilnahmestatus

2. Standard questions

N	lo.	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 3.1) vg_ranord range of orders in months 3.2) vg_uticappc capacity utilization in % 3.3) vg_uticapap capacity utilization (appraisal) 3.4) vg_constrain constraints to production 3.5) vg_ordlack lack of orders 3.6) vg_mplack lack of material 3.8) vg_techcap technical technical capacity 3.9) vg_bastlack lack of material 3.10) vg_difffin difficulties of financing 3.11) vg_weather weather conditions 3.12) vg_selllack lack of back staff 3.13) vg_othrea other reasons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.17) vg_ovtime overtime 3.18) vg_ovtimem overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_pempl employees 3.22) vg_empl 3.23) vg_profo profit situation 3.24) vg_profo hordical technical capacity 3.25) vg_profo lengths of the decision of	Reichweite der Auftragsbestände in Monaten Auslastung der Anlagen in % Beurteilung der technischen Kapazität Behinderung der Produktionstätigkeit Auftragsmangel Arbeitskräftemangel Materialknappheit Technische Kapazität Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung Produktionsabschwächung
3.2) vg_uticappc 3.3) vg_uticapap 3.4) vg_constrain 3.5) vg_ordlack 3.6) vg_mplack 3.7) vg_matlack 3.8) vg_techcap 3.9) vg_bastlack 3.10) vg_difffin 3.11) vg_weather 3.12) vg_skelllack 3.13) vg_ordlack 3.14) vg_proepen 3.15) vg_proqual 3.17) vg_matlack 3.19) vg_skelllack 3.10) vg_difffin 3.11) vg_weather 3.11) vg_weather 3.12) vg_skelllack 3.13) vg_othrea 3.14) vg_proexpen 3.15) vg_proqual 3.16) vg_proqual 3.17) vg_ovtime 3.18) vg_ovtime 3.19) vg_stwork 3.20) vg_stworkexp 3.20) vg_stworkexp 3.21) vg_emplexp* 3.22) vg_empl 3.23) vg_prof 3.24) vg_prof 3.25) vg_prof 3.26) vg_prof 3.27) vg_prof 3.28) vg_prof 3.29) vg_fest 3.29) vg_fest 3.29) vg_fincolow 3.20 vg_diffsup1 3.31) vg_weaken 3.32) vg_proid 3.33) vg_diffsup2 3.34) vg_pricedec 3.34) vg_pricedec 3.35) vg_diffsup2 3.36) vg_diffsup2 3.37) vg_fincolin 3.38) vg_diffsup2 3.39 vg_diffsup2 3.30 vg_diffsup2 3.30 vg_diffsup2	Auslastung der Anlagen in % Beurteilung der technischen Kapazität Behinderung der Produktionstätigkeit Auftragsmangel Arbeitskräftemangel Materialknappheit Technische Kapazität Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.3) vg_uticapap capacity utilization (appraisal) 3.4) vg_constrain constraints to production 3.5) vg_ordlack lack of orders 3.6) vg_mplack lack of manpower 3.7) vg_matlack lack of material 3.8) vg_techcap technical capacity 3.9) vg_bastlack lack of back staff 3.10) vg_difffin difficulties of financing 3.11) vg_weather weather conditions 3.12) vg_skelllack lack of skilled employees 3.13) vg_othrea other reasons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.17) vg_ovtime overtime 3.18) vg_ovtimemo overtime work 3.19) vg_stwork short-time work 3.20) vg_stworksp expected short-time work 3.21) vg_empl employees 12 month 3.22) vg_empl 3.23) vg_prof 3.24) vg_prof profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagement of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_prored reduction of production 3.34) vg_prored reduction of production 3.35) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_pricedec price decrease 3.34) vg_diffsup2 difficulties of supply	Beurteilung der technischen Kapazität Behinderung der Produktionstätigkeit Auftragsmangel Arbeitskräftemangel Materialknappheit Technische Kapazität Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.4) vg_constrain constraints to production 3.5) vg_ordlack lack of orders 3.6) vg_mplack lack of manpower 3.7) vg_matlack lack of material 3.8) vg_techcap technical capacity 3.9) vg_ bastlack lack of back staff 3.10) vg_ difffin difficulties of financing 3.11) vg_weather weather conditions 3.12) vg_skelllack lack of skilled employees 3.13) vg_orbrea other easons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.16) vg_propro program of products 3.17) vg_ovtime overtime 3.18) vg_ovtimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkxp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_profc change of profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_proenl enlagerment of production 3.27) vg_proenl enlagerment of production 3.28) vg_proincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weaken 3.32) vg_fricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Behinderung der Produktionstätigkeit Auftragsmangel Arbeitskräftemangel Materialknappheit Technische Kapazität Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.5) vg_ordlack 3.6) vg_mplack 3.7) vg_matlack 3.7) vg_matlack 3.8) vg_techcap 3.9) vg_bastlack 3.10) vg_difffin 3.11) vg_weather 3.12) vg_skelllack 3.13) vg_ordrea 3.14) vg_proexpen 3.15) vg_proqual 3.16) vg_ovtime 3.17) vg_ovtime 3.18) vg_ovtime 3.19) vg_stwork 3.19) vg_stwork 3.10) vg_diffin 3.11) vg_proexpen 3.12) vg_prof 3.15) vg_prof 3.16) vg_prof 3.17) vg_ovtime 3.18) vg_ordrea 3.19) vg_stwork 3.19) vg_stwork 3.19) vg_stwork 3.19) vg_stwork 3.20) vg_stwork 3.21) vg_emplexp* 3.22) vg_empl 3.23) vg_prof 3.24) vg_prof 3.25) vg_prof 3.27) vg_prof 3.28) vg_prof 3.29 vg_empl 3.29 vg_empl 3.29 vg_empl 3.29 vg_prof 3.29 vg_prof 3.20 vg_prof 3.21 vg_prof 3.22 vg_empl 3.23 vg_prof 3.24 vg_prof 3.25 vg_hcount 3.26) vg_fest 4.64 change of profit situation 4.27) vg_proenl 3.28 vg_proince 4.29 vg_fincolow 4.30 vg_diffsup1 3.31) vg_weaken 4.32 vg_pricedec 5.33 vg_diffsup2 6.55 vg_diffculties of supply 6.55 vg_difficulties of supply	Auftragsmangel Arbeitskräftemangel Materialknappheit Technische Kapazität Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.6) vg mplack lack of manpower 3.7) vg matlack lack of material 3.8) vg_techcap technical capacity 3.9) vg_bastlack lack of back staff 3.10) vg_diffsin difficulties of financing 3.11) vg_weather weather conditions 3.12) vg_skelllack lack of skilled employees 3.13) vg_othrea other reasons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.16) vg_ovtime overtime 3.18) vg_ovtimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkxp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_proincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_prored reduction of production 3.34) vg_myenced price decrease 3.34) vg_fincohi hight costs of financing	Arbeitskräftemangel Materialknappheit Technische Kapazität Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.7) vg_matlack 3.8) vg_techcap 3.9) vg_bastlack 3.10) vg_difffin 3.11) vg_weather 3.12) vg_skelllack 3.13) vg_skelllack 3.14) vg_bethrea 3.15) vg_proexpen 3.16) vg_propro 3.17) vg_ovtime 3.18) vg_ovtimem 3.19) vg_stwork 3.20) vg_stwork 3.21) vg_stwork 3.22) vg_stwork 3.23) vg_stwork 3.24) vg_grof 3.25) vg_prof 3.26) vg_grof 3.27) vg_mempl 3.28) vg_grof 3.29 vg_stwork 3.20) vg_stwork 3.21) vg_mempl 3.22) vg_mempl 3.23) vg_prof 3.24) vg_prof 3.25) vg_proenl 3.26) vg_fest 3.27) vg_proenl 3.28) vg_proenl 3.29) vg_fest 3.29 vg_fest 3.29 vg_groenl 3.29) vg_fest 3.29 vg_proenl 3.29) vg_fincolow 3.20) vg_diffsup1 3.31) vg_weaken 3.32) vg_prored 3.33) vg_prored 3.34) vg_prored 3.35) vg_proed 3.36 vg_fincolow 3.37 vg_proed 3.38 vg_proed 3.39 vg_proed 3.39 vg_proed 3.31 vg_proed 3.31 vg_proed 3.32 vg_proed 3.33 vg_proed 3.34 vg_proed 3.35 vg_proed 3.36 vg_fincolow 3.37 vg_proed 3.38 vg_proed 3.39 vg_proed 3.39 vg_proed 3.39 vg_proed 3.31 vg_proed 3.33 vg_proed 3.34 vg_proed 3.35 vg_pricedec 3.36 vg_fincoloh 3.37 vg_pricedec 3.39 vg_pricedec	Materialknappheit Technische Kapazität Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.8) vg_techcap 3.9) vg_bastlack 3.10) vg_difffin 3.11) vg_weather 3.12) vg_skelllack 3.13) vg_othrea 3.14) vg_proepro 3.15) vg_proqual 3.16) vg_ovtime 3.17) vg_ovtime 3.18) vg_ottime 3.19) vg_stwork 3.10) vg_stwork 3.11) vg_ottime 3.12) vg_stwork 3.13) vg_othrea 3.14) vg_propro 3.15) vg_othrea 3.16) vg_propro 3.17) vg_ottime 3.18) vg_othrea 3.19) vg_stwork 3.20) vg_stwork 3.21) vg_emplexp* 3.22) vg_empl 3.23) vg_prof 3.24) vg_profch 3.25) vg_hcount 3.26) vg_fest 3.27) vg_proenl 3.28) vg_proenl 3.29) vg_fest 3.29) vg_fest 3.29) vg_fest 3.29) vg_fest 3.29) vg_proenl 3.29) vg_proenl 3.29) vg_fincolov 3.30) vg_diffsup1 3.31) vg_weaken 3.32) vg_prored 3.33) vg_prored 3.34) vg_prored 3.35) vg_fincohi 3.35) vg_diffsup2 3.36 difficulties of supply	Technische Kapazität Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.9) vg_bastlack lack of back staff 3.10) vg_difffin difficulties of financing 3.11) vg_weather weather conditions 3.12) vg_skelllack lack of skilled employees 3.13) vg_othrea other reasons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.16) vg_propro program of products 3.17) vg_ovtime overtime 3.18) vg_ovtimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected short-time work 3.22) vg_empl profit situation 3.24) vg_profch change of profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Mangel an Hilfskräften Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.10) vg_difffin difficulties of financing 3.11) vg_weather weather conditions 3.12) vg_skelllack lack of skilled employees 3.13) vg_othrea other reasons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.16) vg_oropro program of products 3.17) vg_ovtime overtime 3.18) vg_ovtimemo overtime work 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2	Produktionsbehinderung durch Finanzierungsengpässe Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.11) vg_weather weather conditions 3.12) vg_skelllack lack of skilled employees 3.13) vg_othrea other reasons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.16) vg_propro program of products 3.17) vg_ovtime overtime 3.18) vg_ottimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_pricedec 3.33) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Produktionsbehinderung durch Wetterlage Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.12) vg_skelllack lack of skilled employees 3.13) vg_othrea other reasons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.16) vg_propro program of products 3.17) vg_ovtime overtime 3.18) vg_ovtimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Mangel an Fachkräften Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.13) vg_othrea other reasons 3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.16) vg_propro program of products 3.17) vg_ovtime overtime 3.18) vg_othimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_pricedec 3.33) vg_fincohi hight costs of financing 3.34) vg_fincohi hight costs of supply	Sonstige Faktoren / Andere Ursachen Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.14) vg_proexpen product too expensive 3.15) vg_proqual quality of products 3.16) vg_propro program of products 3.17) vg_ovtime overtime 3.18) vg_ovtimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Produkte zu teuer Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.15) vg_proqual quality of products 3.16) vg_propro program of products 3.17) vg_ovtime overtime 3.18) vg_ovtimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl profit situation 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Produktqualität Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.16) vg_propro program of products 3.17) vg_ovtime overtime 3.18) vg_ovtimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl profit situation 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2	Produktprogramm Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.17) vg_ovtime 3.18) vg_ovtimemo 3.19) vg_stwork 3.20) vg_stworkexp 3.21) vg_emplexp* 3.22) vg_empl 3.23) vg_prof 3.24) vg_profch 3.25) vg_hcount 3.26) vg_fest 3.27) vg_proenl 3.28) vg_priceinc 3.29) vg_fincolow 3.29) vg_diffsup1 3.30) vg_weaken 3.31) vg_weaken 3.32) vg_prored 3.33) vg_prored 3.34) vg_prored 3.35) vg_pricedec 3.34) vg_fincohi 3.35) vg_diffsup2 3.36) vg_diffsup2 3.37) vg_fincolow 3.38) vg_pricedec 3.39) vg_pricedec 3.39) vg_pricedec 3.39) vg_pricedec 3.31) vg_pricedec 3.32) vg_pricedec 3.33) vg_fincohi 3.35) vg_diffsup2 3.36) vg_diffsup2 3.37) vg_diffsup2 3.38) vg_diffsup2	Überstunden Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.18) vg_ovtimemo overtime more than customary 3.19) vg_stwork short-time work 3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2	Mehr Überstunden als betriebsüblich Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.19) vg_stwork 3.20) vg_stworkexp 3.21) vg_emplexp* 3.22) vg_empl 3.23) vg_prof 3.24) vg_profch 3.25) vg_hcount 3.26) vg_fest 3.27) vg_proenl 3.28) vg_priceinc 3.29) vg_fincolow 3.30) vg_diffsup1 3.31) vg_weaken 3.32) vg_prored 3.33) vg_prored 3.34) vg_pricedec 3.34) vg_fincohi 3.35) vg_diffsup2 4 short-time work expected employees expected expected expected exp	Kurzarbeit Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Erwartete Kurzarbeit Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.20) vg_stworkexp expected short-time work 3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Erwartete Entwicklung der Gesamtbeschäftigtenzahl Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.21) vg_emplexp* expected employees 3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec 3.34) vg_fincohi hight costs of financing 4.35) vg_diffsup2 difficulties of supply	Beschäftigte Erwartungen Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.22) vg_empl employees 12 month 3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.23) vg_prof profit situation 3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Ertragssituation derzeit Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.24) vg_profch change of profit situation 3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Ertragssituation gegenüber dem Vorquartal Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.25) vg_hcount headcount 3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Entwicklung des Personalbestands Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.26) vg_fest feedstock 3.27) vg_proenl enlagerment of production 3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Rohstoff- und Vormaterialbestände Produktionserweiterung Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.27)vg_proenIenlagerment of production3.28)vg_priceincincrease in price3.29)vg_fincolowlow costs of financing3.30)vg_diffsup1difficulties of supply3.31)vg_weakenweakening3.32)vg_proredreduction of production3.33)vg_pricedecprice decrease3.34)vg_fincohihight costs of financing3.35)vg_diffsup2difficulties of supply	Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.28) vg_priceinc increase in price 3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Preiserhöhung Niedrige Finanzierungskosten Versorgungsschwierigkeiten Abschwächung
3.29) vg_fincolow low costs of financing 3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Versorgungsschwierigkeiten Abschwächung
3.30) vg_diffsup1 difficulties of supply 3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Versorgungsschwierigkeiten Abschwächung
3.31) vg_weaken weakening 3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Abschwächung
3.32) vg_prored reduction of production 3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	•
3.33) vg_pricedec price decrease 3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	
3.34) vg_fincohi hight costs of financing 3.35) vg_diffsup2 difficulties of supply	Preisrückgänge
3.35) vg_diffsup2 difficulties of supply	Hohe Finanzierungskosten
	Versorgungsschwierigkeiten
5.50) Vg Sti Clight	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
	Zunahme der Beschäftigten in % für die Produktion von XY
	Abnahme der Beschäftigten in % für die Produktion von XY
	Wettbewerbsposition Inland
	Wettbewerbsposition innerhalb der EU
	Wettbewerbsposition außerhalb der EU
, 55_5544	·
3.45) vg_ranord2 range of orders in mohths (end of prev. month)	Reichweite der Auftragsbestände in Monaten
3.46) vg_uticappc2 capacity utilization in % (end of prev. month)	Kapazitätsauslastung in %
3.47) vg_emppro employees	Im Unternehmen beschäftigte Personen
3.48) vg_credit** credit allocation	Kreditvergabe
3.49) vg_j1 Japan crisis q1	Japankrise Frage1
3.50) vg_j2 Japan crisis q2	Japankrise Frage2
3.51) vg_j3 Japan crisis q3	Japankrise Frage3
3.52) vg_j4 Japan crisis q4	Japankrise Frage4
3.53) vg_j5 Japan crisis q5	Japankrise Frage5
3.54) vg_j6 Japan crisis q6	Japankrise Frage6
vg_fairxh exhibitor at an international specialized fair	Aussteller auf einer internationalen Fachmesse
3.56) vg_fairxh_g exhibitor at an international specialized fair in Germany	Aussteller auf einer internationalen Fachmesse in Deutschland
exhibitor at an international specialized fair in a foreign E country	European Aussteller auf einer internationalen Fachmesse im europäischen Ausland
exhibitor at an international specialized fair in a country of vg_fairxh_ne exhibitor at an international specialized fair in a country of the country of t	outside Aussteller auf einer internationalen Fachmesse im außereuropäischen Ausland
3.59) vg_fairxhexp exhibitor at an international specialized fair during next 2	2-3 years Aussteller auf einer internationalen Fachmesse in den nächsten 2-3 Jahren
exhibitor at an international specialized fair in Germany of	during next 2- Aussteller auf einer internationalen Fachmesse in Deutschland in den nächsten 2-3
exhibitor at an international specialized fair in a foreign E	
exhibitor at an international specialized fair in a country of	·
vg_ranknexp_ne Europe during next 2-3 years	den nächsten 2-3 Jahren
3.83) vg_inf_heat influence of heatwaves on value added	Auswirkung von Hitzewellen auf die Wertschöpfung
3.84) vg_inf_cold influence of cold waves on value added	Auswirkung von Kältewellen (inkl. Eis & Schnee) auf die Wertschöpfung
3.85) vg_inf_drou influence of drought on value added	Auswirkung von Trockenheit auf die Wertschöpfung
3.86) vg_inf_rain influence of heavy rainfall on value added	Auswirkung von Starkniederschlag auf die Wertschöpfung
3.87) vg_inf_storm influence of storms on value added	Auswirkung von Stürmen auf die Wertschöpfung
3.88) vg_einf_pur expected influence of climate change on purchases	Erwartete Auswirkungen des Klimawandels auf den Bereich Einkauf
3.89) vg_einf_prod expected influence of climate change on production	Erwartete Auswirkungen des Klimawandels auf den Bereich Produktion
3.90) vg_einf_sal expected influence of climate change on sales	Erwartete Auswirkungen des Klimawandels auf den Bereich Absatz
	nent Erwartete Auswirkungen des Klimawandels auf den Bereich Entsorgung
vg_einf_wast expected influence of climate change on waste managem	Erwartete Auswirkungen des Klimawandels auf den Bereich Logistik
3.92) vg_einf_log expected influence of climate change on logistics	5
vg_eiii_wast	Erwartete Auswirkungen des Klimawandels auf den Bereich Innovation
3.92) vg_einf_log expected influence of climate change on logistics	•

3.96)	vg_flight_eur	importance of flight connections in Europe	Bedeutung von Flugverbindungen zu Zielen in Europa
3.97)	vg_flight_world	importance of flight connections worldwide	Bedeutung von Flugverbindungen zu Zielen weltweit
3.98)	vg_surp_cat	return on sales: surplus (category)	Jahresüberschuss (Kategorie)
3.99)	vg_ros_surp	return on sales: surplus	Jahresüberschuss
3.100)	vg_loss_cat	return on sales: loss (category)	Jahresverlust (Kategorie)
3.101)	vg_ros_loss	return on sales: loss	Jahresverlust
3.102)	vg_russia1	Russia/Ukraine conflict q1	Russland/Ukraine-Konflikt Frage 1
3.103)	vg_russia2	Russia/Ukraine conflict q2	Russland/Ukraine-Konflikt Frage 2
3.104)	vg_russia3	Russia/Ukraine conflict q3	Russland/Ukraine-Konflikt Frage 3
3.105)	vg_russia4	Russia/Ukraine conflict q4	Russland/Ukraine-Konflikt Frage 4
3.106)	vg_russia5	Russia/Ukraine conflict q5	Russland/Ukraine-Konflikt Frage 5
3.107)	vg_russia6	Russia/Ukraine conflict q6	Russland/Ukraine-Konflikt Frage 6
3.108)	vg_russia7	Russia/Ukraine conflict q7	Russland/Ukraine-Konflikt Frage 7
3.109)	vg_russia8	Russia/Ukraine conflict q8	Russland/Ukraine-Konflikt Frage 8
3.110)	vg_fambus	family business	Familienunternehemen
3.111)	vg_minim1	minimum wage q1	Mindestlohn Frage 1
3.112)	vg_minim2	minimum wage q2	Mindestlohn Frage 2
3.113)	vg_minim3	minimum wage q3	Mindestlohn Frage 3
3.114)	vg_minim4	minimum wage q4	Mindestlohn Frage 4
3.115)	vg_minim5	minimum wage q5	Mindestlohn Frage 5
3.116)	vg_minim6	minimum wage q6	Mindestlohn Frage 6
3.117)	vg_minim7	minimum wage q7	Mindestlohn Frage 7
3.118)	vg_minim8	minimum wage q8	Mindestlohn Frage 8
3.119)	vg_invest_lj	total investment last year	Gesamtinvestitionen letztes Jahr
3.120)	vg_invcon_lj	investment in construction last year	Investitionen in Bauten letztes jahr
3.121)	vg_inveq_lj	investment in equipment last year	Investitionen in Ausrüstung letztes Jahr
3.122)	vg_invest_dj	total investment this year	Gesamtinvestitionen dieses Jahr
3.123)	vg_invcon_dj	investment in construction this year	Investitionen in Bauten dieses Jahr
3.124)	vg_inveq_dj	investment in equipment next year	Investitionen in Ausrüstung dieses Jahr
3.125)	vg_invest_nj	total investment next year	Investitionen im kommenden Jahr, Insgesamt
3.126)	vg_invcon_nj	investment in construction next year	Investitionen im kommenden Jahr, Bauten
3.127)	vg_inveq_nj	investment in equipment next year	Investitionen im kommenden Jahr, Ausrüstung
3.128)	vg_ref1	refugees question 1	Flüchtlinge Frage 1
3.129)	vg_ref2	refugees question 2	Flüchtlinge Frage 2
3.130)	vg_ref3	refugees question 3	Flüchtlinge Frage 3
3.131)	vg_ref4	refugees question 4	Flüchtlinge Frage 4
3.132)	vg_ref5	refugees question 5	Flüchtlinge Frage 5
3.133)	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
3.137)	vg_minim_post1	affected by minimum wage	von Mindestlohn betroffen
3.138)	vg_minim_post2	no minimum wage measures	keine Mindestlohn- Maßnahmen
3.139)	vg_minim_post3	measures: employee reduction	Maßnahmen: Personalabbau
3.140)	vg_minim_post4	measures: working hour reduction	Maßnahmen: Arbeitszeitreduzierung
3.141)	vg_minim_post5	measures: increased prices	Maßnahmen: Preiserhöhungen
3.142)	vg_minim_post6	measures: decreased investment	Maßnahmen: verringerte Investitionen
3.143)	vg_minim_post7	measures: decreased special payments	Maßnahmen: Kürzungen von Sonderzahlungen
3.144)	vg_minim_post8	less minijobs	Minijobs weggefallen
3.145)	vg_minim_post9	minijobs transformed into insurable employment	Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt
3.146)	vg_minim_post10	new insurable employment	neue soz.vers.pflichtige Besch.verhältnisse
3.147)	vg_minim_post11	employment relationships did not change	keine veränderten Besch.Verhältnisse
3.148)	vg_credityes	credit agreement signed	Kreditvertrag abgeschlossen
3.149)	vg_creditno	credit agreement not signed	Kreditvertrag nicht abgeschlossen
3.150)	vg_credituse1	financing of ongoing operating resources	Finanzierung laufender Kreditmittel
3.151)	vg_credituse2	financing of an investment	Finanzierung einer Investition
3.152)	vg_credituse3	other financing	Sonstiger Verwendungszweck
3.153)	vg_brexit	expected impact from brexit	Erwartete Auswirkungen von einem Brexit
3.154)	vg_midmanager	mid tier: more than 4 managers	Mittlestand: mehr als 4 Manager
3.155)	vg_midmanshare	mid tier: at least one manager has shares	Mittelstand: Mindestens ein Manager hat Anteile
3.156)	vg_midyes	mid tier: company rated as mid tier	Mittelstand: Als Mittelstand eingeschätzt

^{*}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
4.9)	vg_prod_inno_plan_comp leted	product innovation planning completed this year	Planung für Produktinnovationen abgeschlossen
4.10)	vg_prod_inno_in_plannin		
0,	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

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

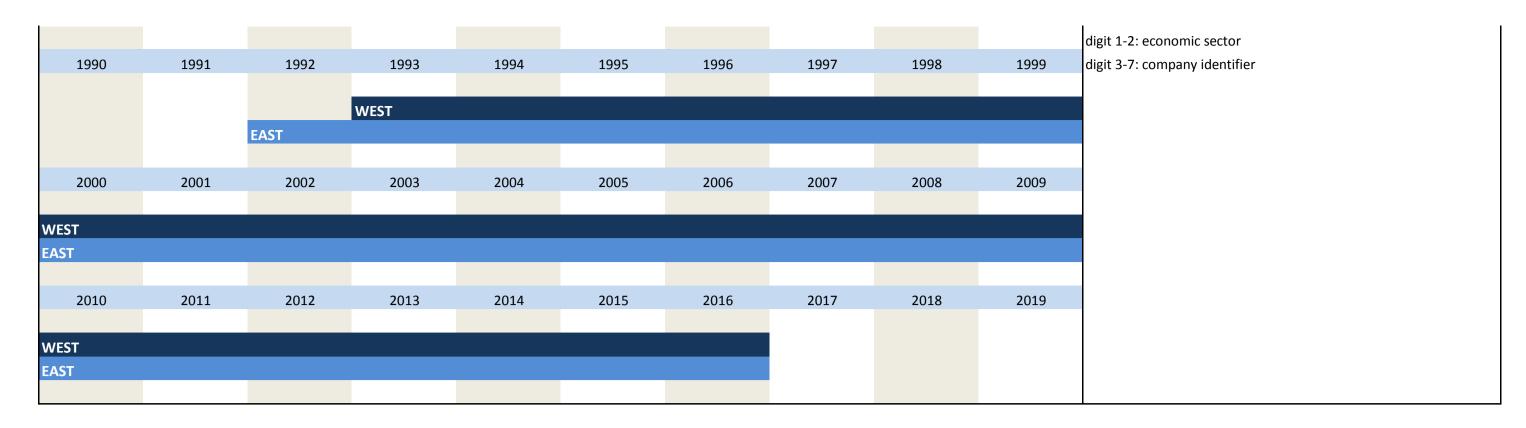
	vg_process_inno_plan_co		
4.14)	mpleted	process innovation planning completed this year	Planung für Prozessinnovationen abgeschlossen
4 4 5 \	vg_process_inno_in_plan		
4.15)	ning	process innovation still in planning stage this year	Prozessinnovationen noch in Planungsphase
4.16)	vg_process_inno_np	process 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
4.10\	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

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

No.	Name		Label				Survey perio	d		Survey frequency
1.3)	month		month				West since 0	1/1980		monthly survey
1.5)	moner		month				East since 01			monthly survey
19	80 19	31 1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										Month of survey
WEST										ivioniti of survey
19	90 19	91 1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
00231	EAST									
20	00 20	01 2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
20	10 20	11 2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name		Label				Survey period	d		Survey frequency
1.4)	idnum		KT and INNO firm adressfile id				West since 0			monthly survey
							East since 04	ast since 04/1992		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										KT and INNO firm adressfile id
										7 digits



	N									
No.	Name		Label				Survey period			Survey frequency
1.5)	runnum		running number	of plant			West since 0:	1/1980		monthly survey
,				p			East since 01,			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	
1990	1991	1332	1993	1994	1993	1990	1997	1996	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
N/507										
WEST EAST		_		_	_			_	_	
EAST							_			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name		Label				Survey perio	d		Survey frequency
1.6)	vg_plantnum		KT and INNO firr	n adressfile id			West since 01/1980 East since 01/1991			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST			_							KT and INNO firm adressfile id, 11 digits
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	plantnum is created with the following variables: digit 1-4: prodnum digit 5-6: fedstaifo
WEST										digit 7-11: runnum
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										

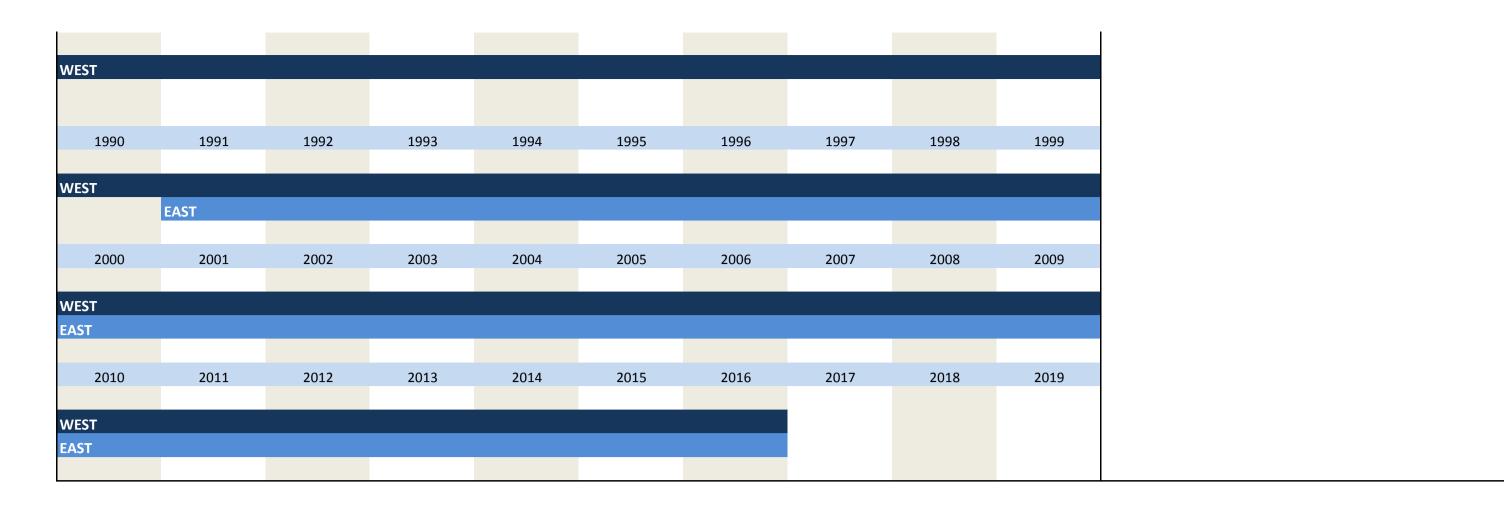
No.	Name		Label				Survey period	d		Survey frequency
7)	fedstaifo		federal state (ifo	-code)			West since 0	1/1980		monthly survey
							East since 01/1991			monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
WEST										Federal state according to ifo-code
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
AST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										

No.		Name		Label				Survey period	i		Survey frequency		
1.8)		vg_westeast		western eastern				West since 02	L/1980		monthly survey		
,		. <u>8_</u>						East since 01,			monthly survey		
1	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information		
WEST											Differenciates between eastern and western survey		
1	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
_	1330	1551	1332	1333	1334	1333	1330	1557	1330	1333			
WEST													
		EAST											
2	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
WEST EAST		_	_	_	_	_	_	_	_	_			
LAST													
2	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 01,			monthly survey monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
1980	1901	1902	1963	1964	1963	1980	1987	1900	1909	Further information
WEST										
										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										
	EAST									(log ₁₀ ('emppro2')) ^e
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Weighting refers to employees per product
WEST										'emppro2'
EAST										
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				West 01/199 and 08/2008	98 to 12/2001 3 to 03/2011		monthly survey
							East since 01 and 08/2008	./1998 to 12/2 3 to 03/2011	001	monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Latecomer [1] N=latecomer
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
								WEST EAST		01/2002 to 07/2008 The data of the variable latecomer is not fed in, as a double occupancy of the corresponding column exists in the dataset
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST								WEST EAST		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										

No.	Name		Label				Survey period			Survey frequency
1.11)	sector_id		sector id				West since 01	/1980		monthly survey
							East since 01/	1991		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information



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

No.	Name		Label Survey period						Survey frequency	
1.13)	sector_sypro		sypro sector clas	sification			West since 02			monthly survey
						East since 01,	/1991		monthly survey	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Sector label
WEST										Sypro-number
										until 1990:
										2 digits
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
MECT										since 4004 in Fact and West
WEST	EAST									since 1991 in East and West:
	EAST									7 digits
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2003	2000	2007	2008	2003	Label key: very extensive, on demand,
WEST										see do-File: kt_vg_Panel_Label.do
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

sector_wz93	1982	wz93 sector class	ification	1985	1986	West since 02 East since 01		1989	monthly survey monthly survey Further information
1981	1982	1983	1984	1985	1986			1989	
1561	1302	1383	1304	1303	1300	1367			
							1300	1000	
									Sector, economic sector(-number) 1993
1991	1992	1993	1994	1995	1996	1997	1998	1999	Label key: very extensive, on demand,
1331	1332	1333	1331	1333	1330	1337	1330	1333	see do-File: kt_vg_Panel_Label.do
EAST									
2001	2002	2003	2004	2005	2006	2007	2008	2009	
3	1991 AST 2001	AST	AST	AST	AST	AST	AST	AST	AST

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

No.	Name		Label				Survey period	l		Survey frequency			
1.15)	sector_wz08		wz08 sector class	ification			West since 01/1980 East since 01/1991					monthly survey 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 see do-File: kt_vg_Panel_Label.do			
WEST										see do-riie. kt_vg_ranei_tabei.do			
	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_total		ebdc sector class	ification			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	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	[6] food, drinks and tobacco industry [7] textile, clothing, leather	
WEST	EAST									[8] wood industry, production of cork, wooden, braided 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	
WEST EAST									_	[11] cokery, mineral oil processing, processing of fissile 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 I	regarding the	survey proces	S						
No.	Name		Label				Survey perio	d		Survey frequency	
1.17)	online		online				West 01/199 and since 07,			monthly survey	
	East since 07/2004								monthly survey		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information	
WEST										Questionnaire answered online	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	[0] paper [1] fax [2] online	
WEST	EAST	_		_		_		_		[5] manually collected	
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 10\	survey_start		curvou ctort				West since 0	1/2005		monthly survey
1.18)	survey_start		survey start				East since 01			monthly survey
							Lust since of	, 2003		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.
255	2332	2002	2555	255 (2333	2000	2551	2550	2000	
2006	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	
										
WEST EAST										
LAST										

N	0.	Name		Label				Survey period	l		Survey frequency
1	10)	survey_end		survey end				West since 01	/2005		monthly survey
1.	19)	survey_end		survey end				East since 01			monthly survey
								2000011100027			ona, cac,
	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	
	2000	2001	2002	2003	2004	2003	2000	2007	2000	2003	
						WEST					
						EAST					
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
V	/EST										
	AST										

No.	Name Label			Survey period					Survey frequency	
1.20)	participation_	_date	participation date	e			West since 03	1/2005		monthly survey
							East since 01,			monthly survey
4000	4004	1002	4002	1001	1005	4005	4007	4000	1000	Fronth and information
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Participation date
										Only refers to the participants who appropried the superiornaling
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	Only refers to the participants who answered the questionnaire online.
1990	1991	1992	1995	1994	1995	1990	1997	1990	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
					WEST					
					EAST					
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										
										1

No.	Name Label						Survey period			Survey frequency
1.21)	participation_ho	our	participation hour				West since 01,	/2005		monthly survey
							East since 01/2	2005		monthly survey
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information

										Participation hour
1990	1991	1992	1993	1994	1995	1996	1997	1998		Only refers to the participants who answered the questionnaire online.
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										
LASI										

No.	No. Name Label		Label	pel				J		Survey frequency	
1.22)	participation_	_status	participation sta	tus			West since 02			monthly survey	
							East since 01,	/2005		monthly survey	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information	
										Participation status	
										Only refers to the participants who answered the questionnaire	
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 period Survey frequency 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 1982 1983 1980 1981 1984 1985 1986 1987 1988 1989 WEST 1991 1992 1993 1990 1994 1995 1996 1997 1998 1999 WEST EAST 2000 2001 2002 2004 2006 2008 2009 2003 2005 2007 WEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST

No.	Name	Label	Survey period	Survey frequency
2.2)	vg_provpm	production versus previous n		monthly survey
Monding o	faugstion		East 01/1991 to 11/2001	monthly survey
vvoraing o	f question			
				Further information
01/1991 to 1:	1/2001			Draduction compared to provious month
No questionn	naires for the East available			Production compared to previous month
				Due to the alignment of the survey periods
01 /1000 to 0	C /1004			by the European Union, the question is
01/1980 to 00	6/1994			continued by the variable 2.15) pro_vpq from 01/2002 on
Compared to	previous month our domes	tic production of XY was		2.13) pro_tpq
				In the english translation of the value label there is a linguistic, but not a contentual divergence before 1990.
		more active [1]		not a contentual and genote 1956.
		not changed [2] less active [3]		
		iess delive [5]		
07/1994 to 1	1/2001			
		6 1 6 6		
Compared to	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		Label				Survey perio	d		Survey frequency
2.3) Wording of	vg_stin question		stock of inventori	es			West since 01			monthly survey monthly survey
01/1991 to 11/	2001 res for the East ava	ailable								Further information Appraisal of the stock of inventories 01/2002 and 02/2002
01/1980 to 11/	1992									*Current situation and tendencies **addition "current"
We currently ev	valuate our stock o	f unsold finished g	goods to be							In the english translation of the value label there is a linguistic, but not a contentual divergence before 1990.
			too little [1] sufficient [2] too much [3] no stock-keeping	[4]						
12/1992 to 11/	2001									
We currently ev	/aluate our stock o	f unsold finished ខ្	goods to be							
			too little [1] sufficient [2] too much [3] no stock-keeping	[4]						
Current situation We evaluate or	ur (current)** stoc		too little [1] sufficient [2] too much [3] no stock-keeping	[4]						
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST	EAST			_					_	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										
2010 WEST	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST										

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

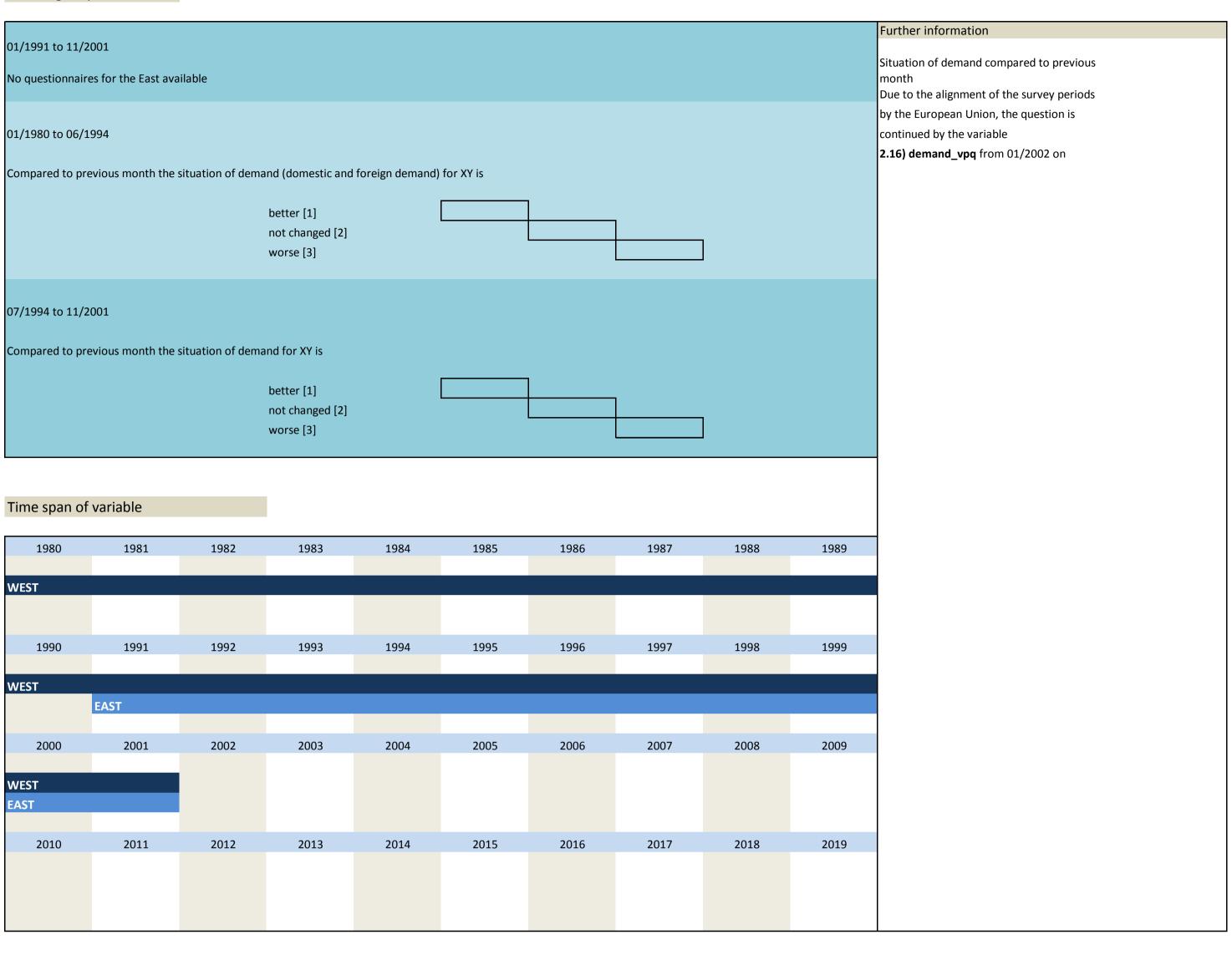
Survey frequency

Wording of question

No.

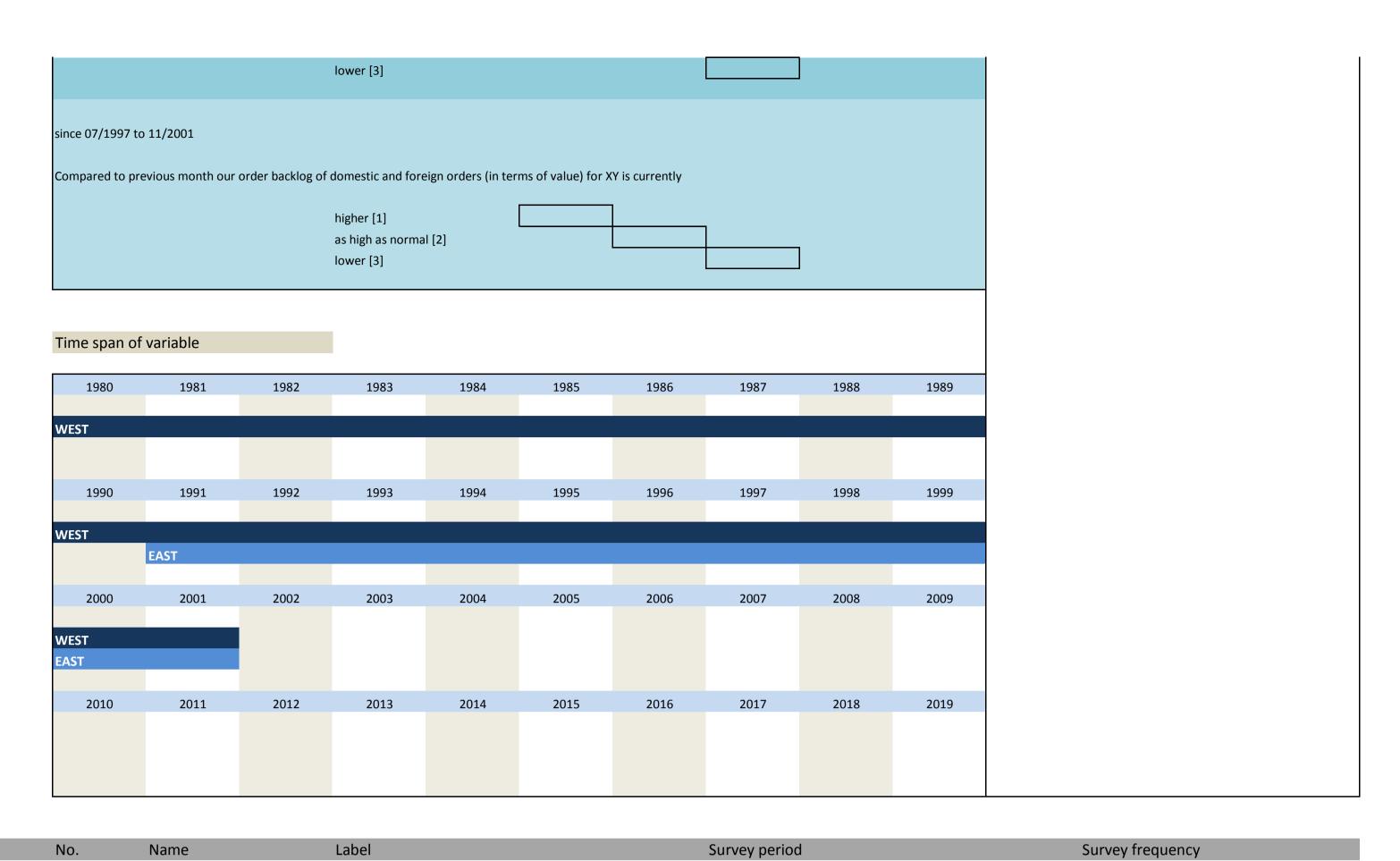
Name

Label



Survey period

vg_ordvpm Wording of question	orders versus previous month	West 01/1980 to 11/2001 East 01/1991 to 11/2001	monthly survey monthly survey
01/1991 to 11/2001			Further information
No questionnaires for the East available			Orders versus previous month
01/1980 to 12/1980			Due to 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 previous month our order	backlog (domestic and foreign orders) for XY is currently (in terms of	f 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 12/1982			
Compared to previous month our order	backlog (in terms of value, domestic and foreign orders) for XY is cur	rently	
	higher [1] as high as normal [2] lower [3] stock-keeping not usual [4]		
ince 01/1983 to 06/1994			
Compared to previous month our order	backlog (in terms of value, domestic and foreign orders) for XY is cur	rently	
	higher [1] as high as normal [2] lower [3]		
since 07/1994 to 06/1997			
Compared to previous month our order	backlog (in terms of value) for XY is currently		
	higher [1] as high as normal [2]		



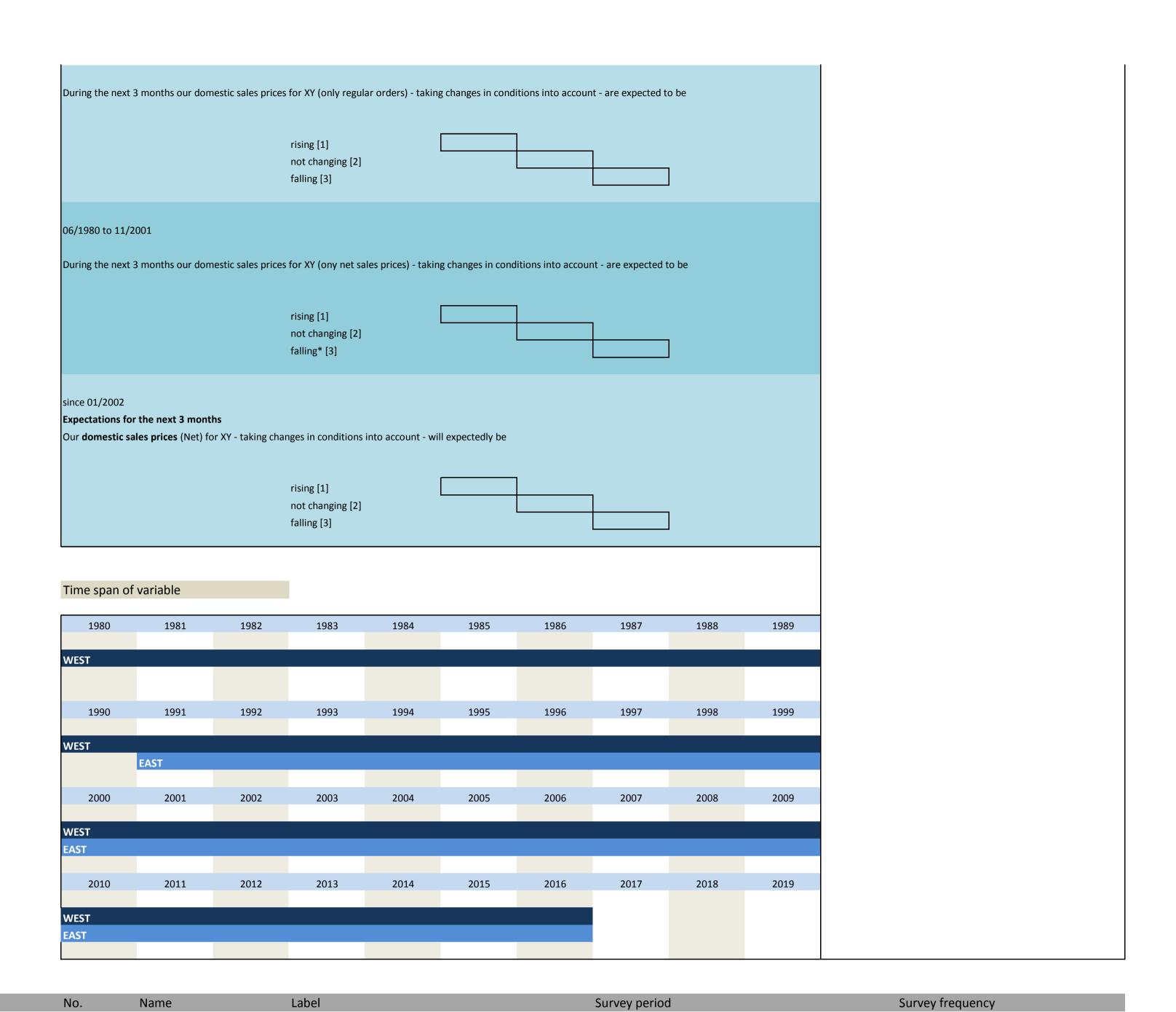
vg_orders	orders (appraisal)		West since 01/1980	monthly survey
Wording of question			East since 01/1991	monthly survey
Wording or question				
01/1991 to 11/2001				Further information
No questionnaires for the East available				appraisal of the current order backlog
Two questionnaires for the East available				01/2002 and 02/2002
01/1980 to 12/1982				*instead of "Current situation" →"Current situation and tendencies"
01, 1900 to 12, 1902				**addition "current"
We currently evaluate our order backlog (domest	ic and foreign orders) to be			
	relatively high [1] (e.g. extended time of delivery) sufficient [2] too small [3] not usual [4]			since 01/1994 inquired for east and west
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) sufficient [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) sufficient [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) sufficient [2] or not customary too small [3]			
since 01/2002 Current situation* We evaluate our (current**) order backlog for XY	to be	total		
	relatively high [1]	total		

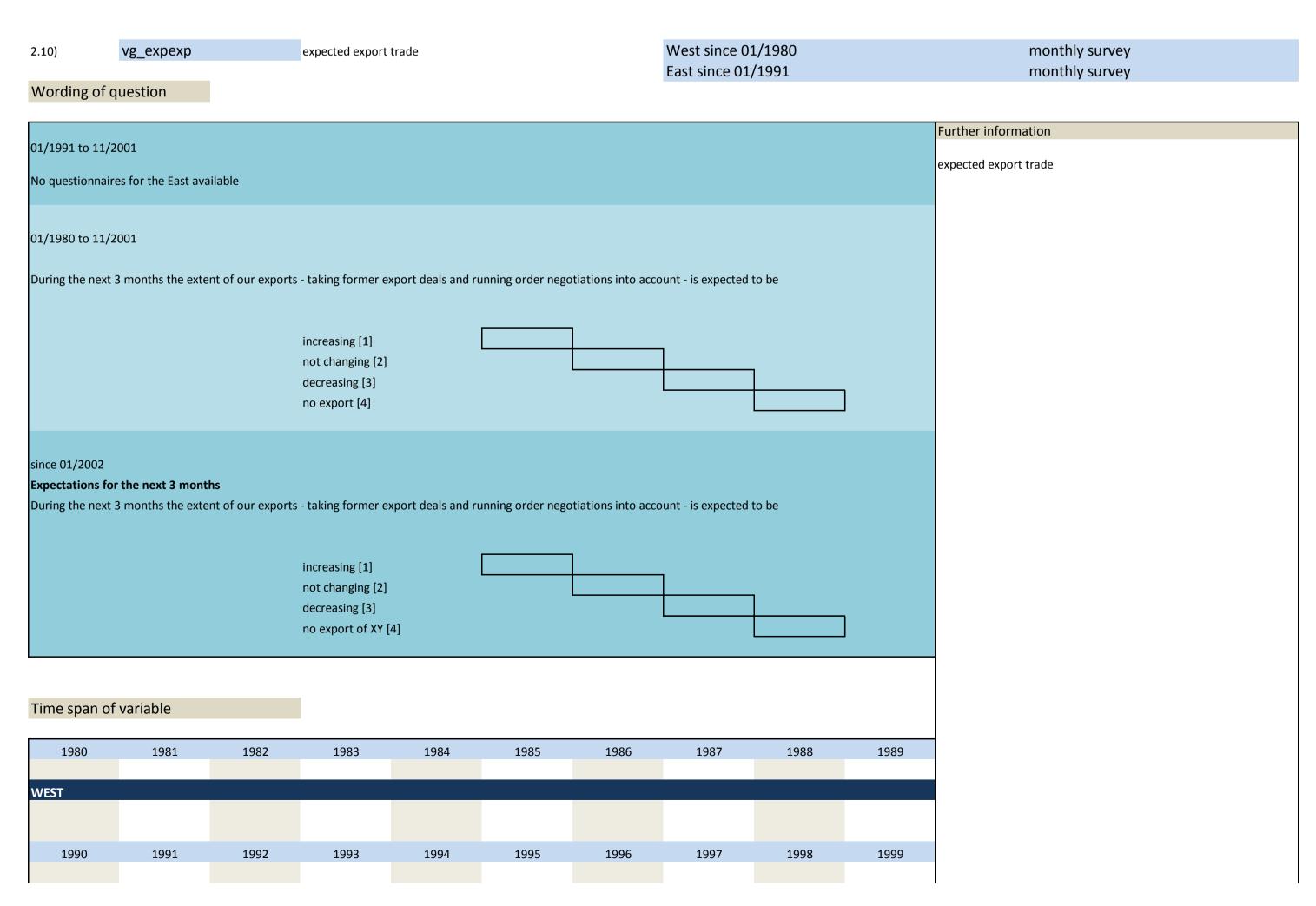


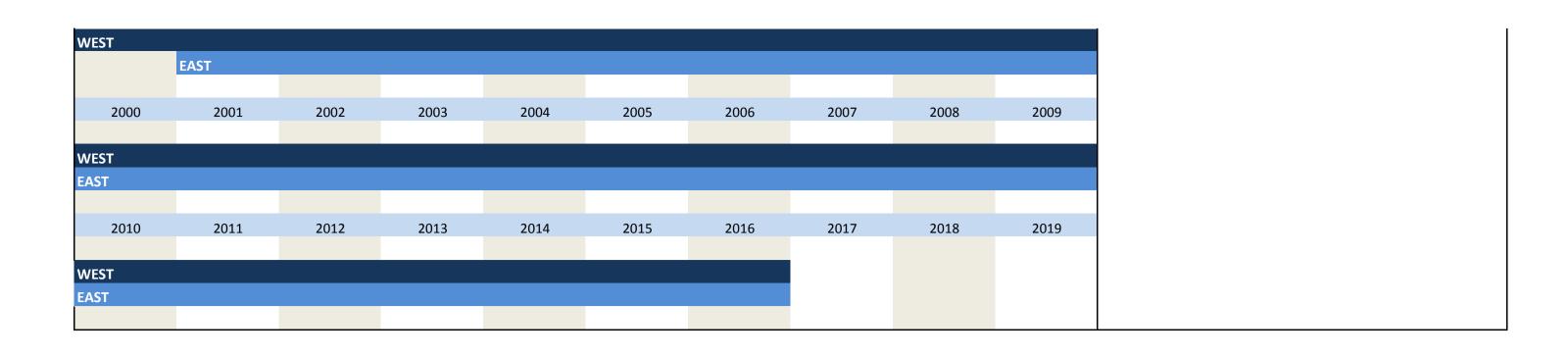
Label No. Name Survey period Survey frequency West 01/1980 to 11/2001 vg_pricevpm monthly survey 2.7) domestic prices of sale versus previous month East 01/1991 to 11/2001 monthly survey Wording of question Further information 01/1991 to 11/2001 Domestic prices of sale versus previous month No questionnaires for the East available Due to the alignment of the survey periods by the European Union, the question is 01/1980, 04/1980, 05/1980, 10/1980 continued by the variable **2.18) price_vpq** from 01/2002 on Compared to previous month our domestic sale prices - taking changes in conditions into account - for XY were follow up orders (also "since stock-orders") regular orders increased [1] not changed [2] decreased [3] 02/1980, 03/1980, 06/1980 to 09/1980, 11/1980 to 09/1991 Compared to previous month our domestic sales prices (net-prices) - taking changes in conditions into account - for XY were increased [1] not changed [2] decreased [3] 10/1991 to 11/2001 Compared to previous month our domestic sales prices (net-prices) - taking changes in conditions into account - for XY were increased [1] not changed [2] decreased [3] Time span of variable 1981 1982 1983 1984 1985 1986 1987 1988 1980 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

Survey period Survey frequency Name No. Label West since 01/1980 monthly survey 2.8) vg_proexp 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 therefor under 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 therefor under 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 be [...] 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 be 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 2005 2006 2007 2008 2009 2000 2004 WEST **EAST** 2011 2012 2013 2010 2014 2015 2016 2017 2018 2019 WEST **EAST** Survey period Survey frequency No. Name Label

IVO.	Name	Label	Survey period	Salvey hequency
2.9)	vg_priceexp	expected domestic prices	West since 01/1980	monthly survey
	, <u>, , , , , , , , , , , , , , , , , , </u>		East since 01/1991	monthly survey
Wording o	of question			
04/4004 +- 4	14 /2004			Further information
01/1991 to 1	11/2001			expected domestic prices
No questionr	naires for the East available			
				*03/1990 to 01/1993
				"decrease" instead of "fall"
01/1980 to 0	05/1980			





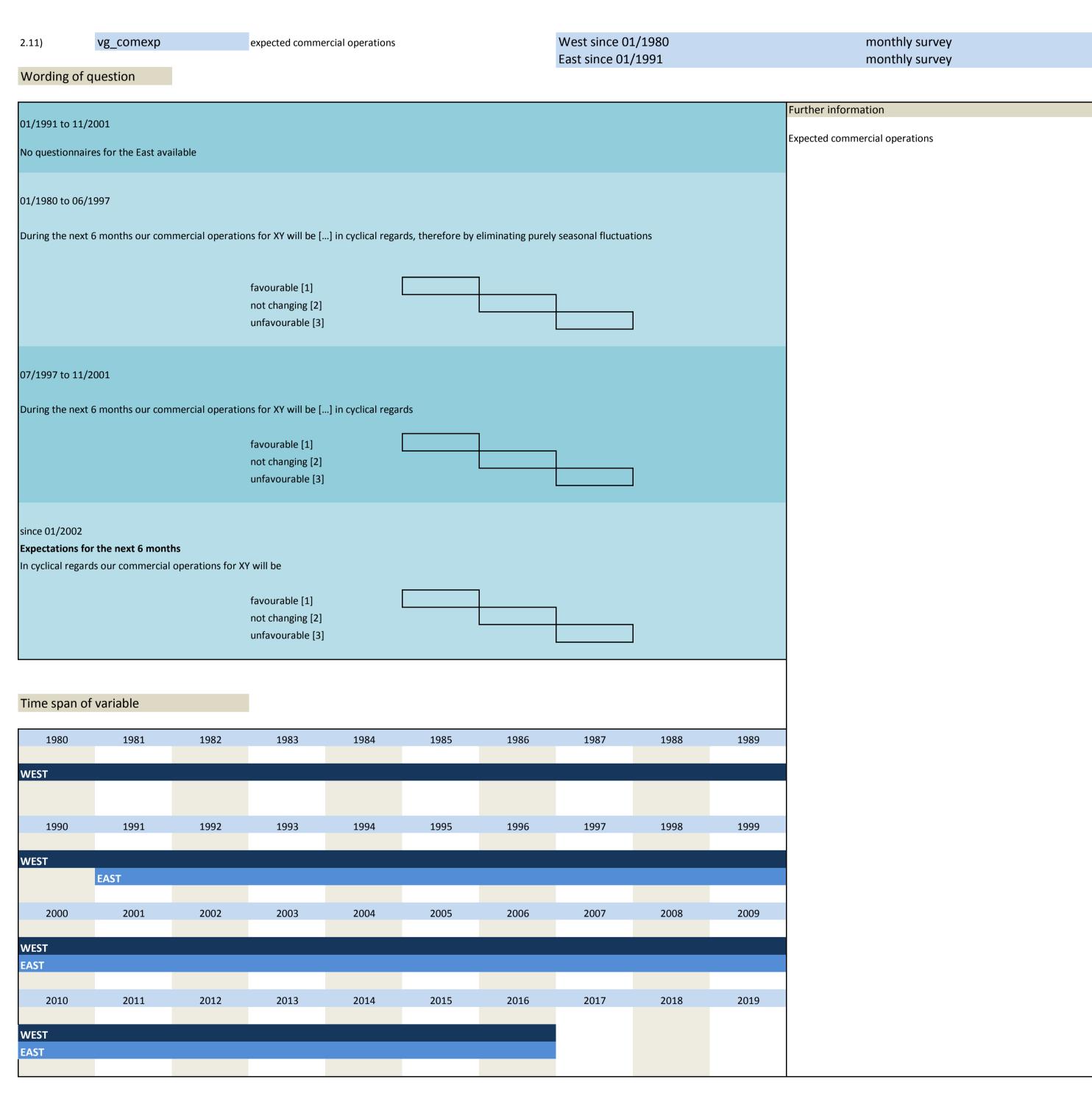


No.

Name

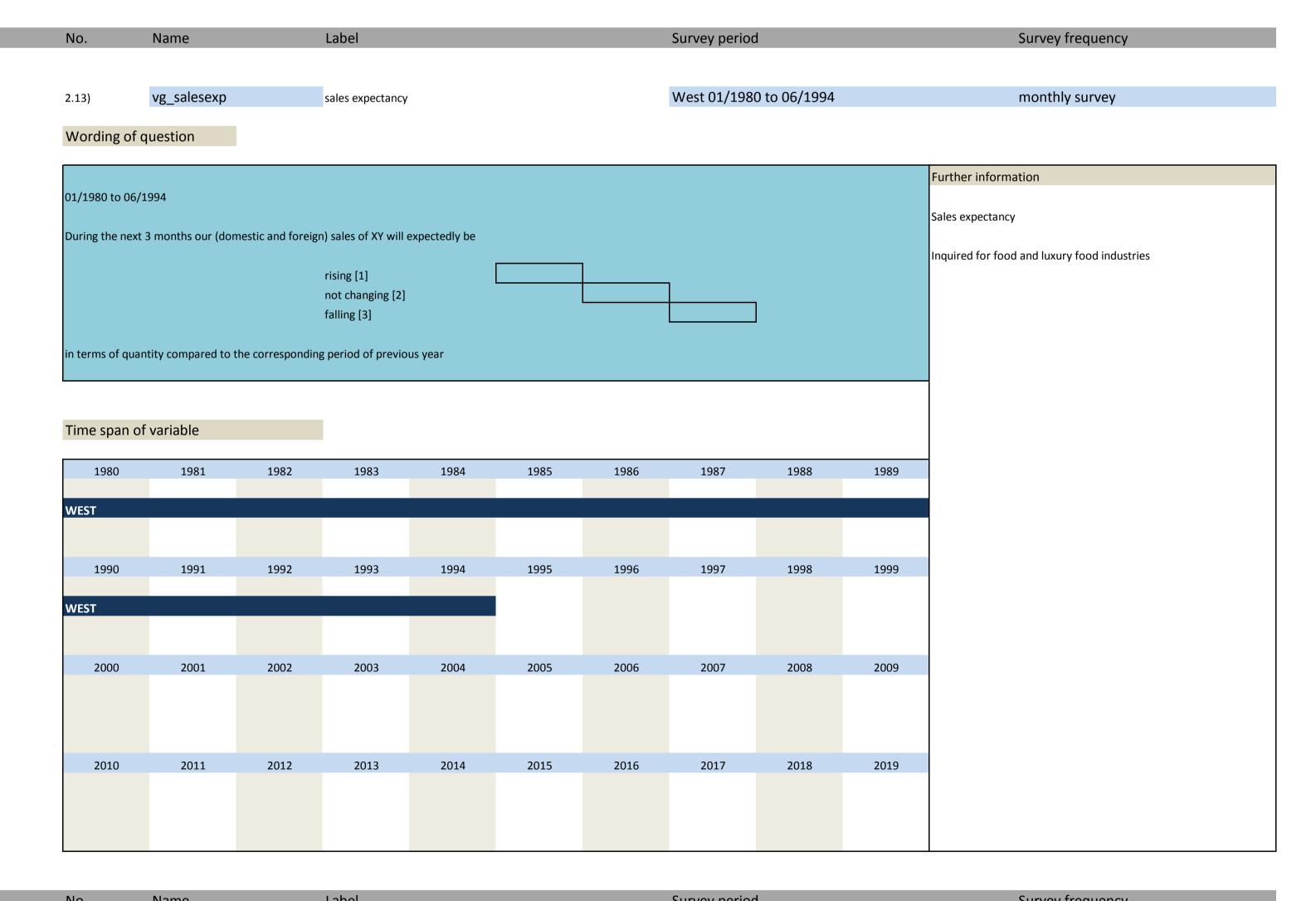
Label

Survey period

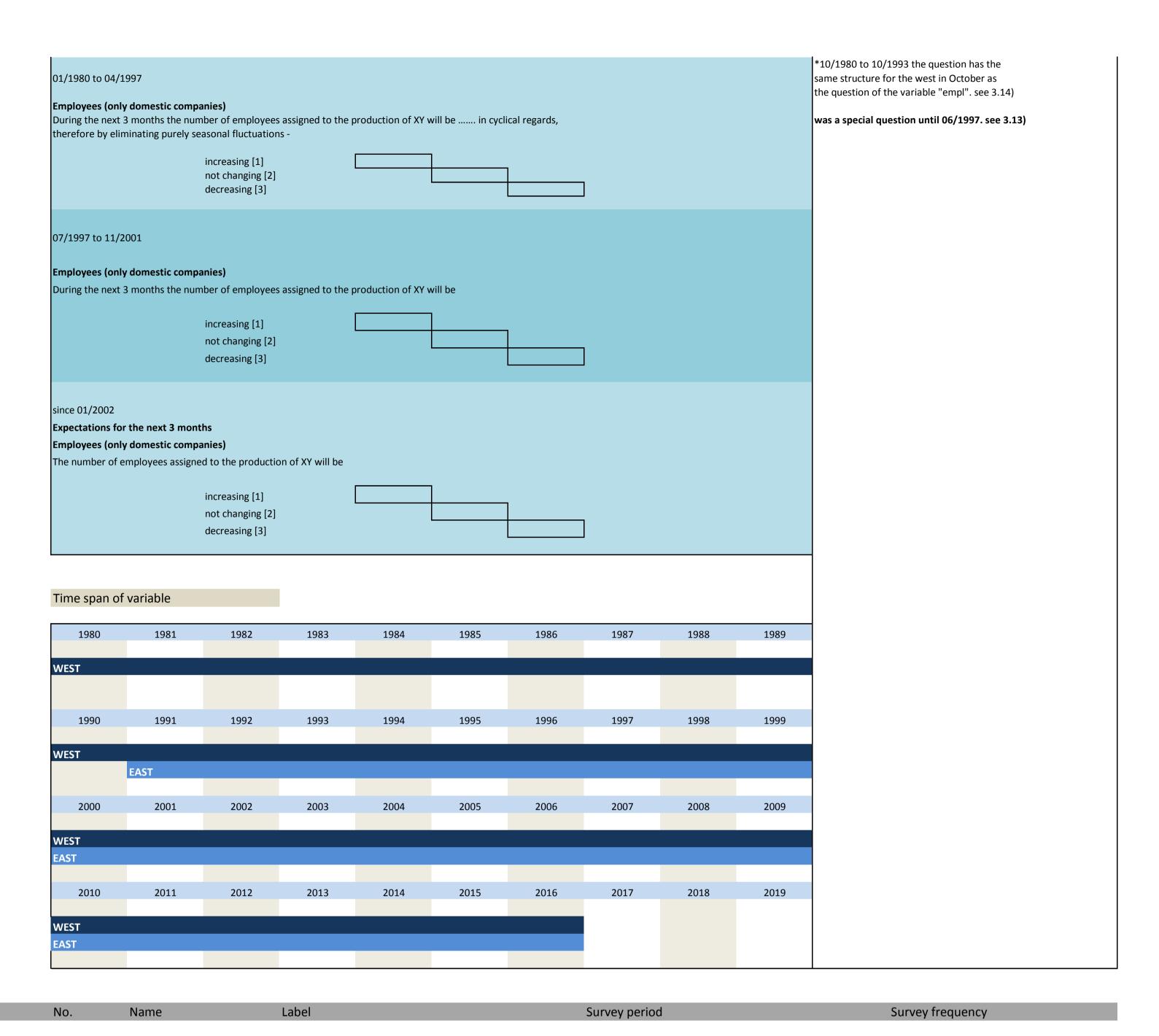


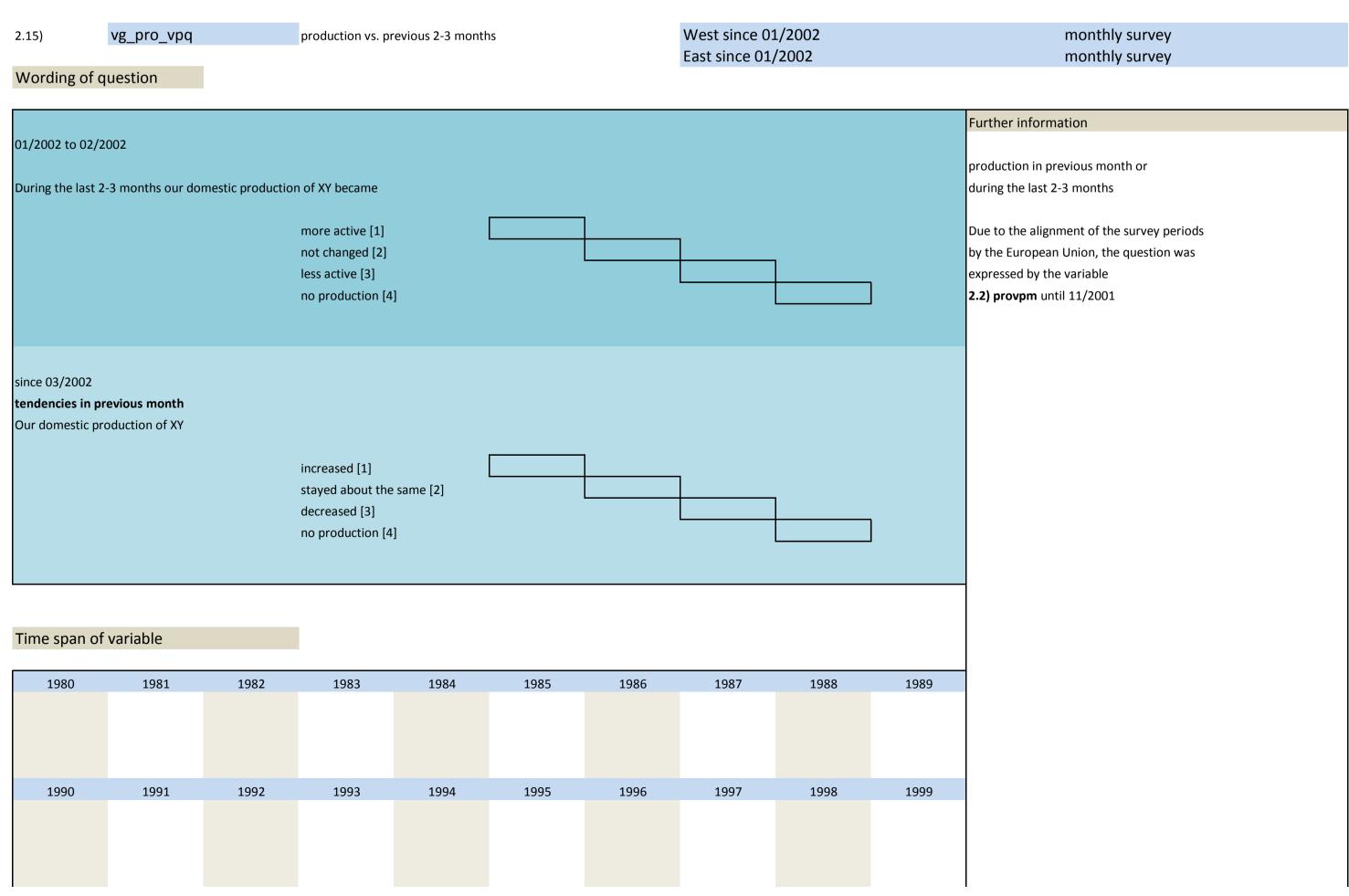
No.	Name	Label	Survey period	Survey frequency
2.12)	vg_foreord	foreign orders (appraisal)	West since 01/1980	monthly survey
\	of acception		East since 01/1991	monthly survey
wording	of question			
				Further information
1/1991 to	11/2001			Appraisal of foreign orders
No question	nnaires for the East available			
				01/2002 and 02/2002
01/1980 to	11/2001			*instead of "Current situation" →"Current situation and tendencies"
,	,			**addition "current"
We conside	er our foreign order backlog f	or XY currently to be		
		relatively high [1]		
		(e.g. extended time of delivery)		

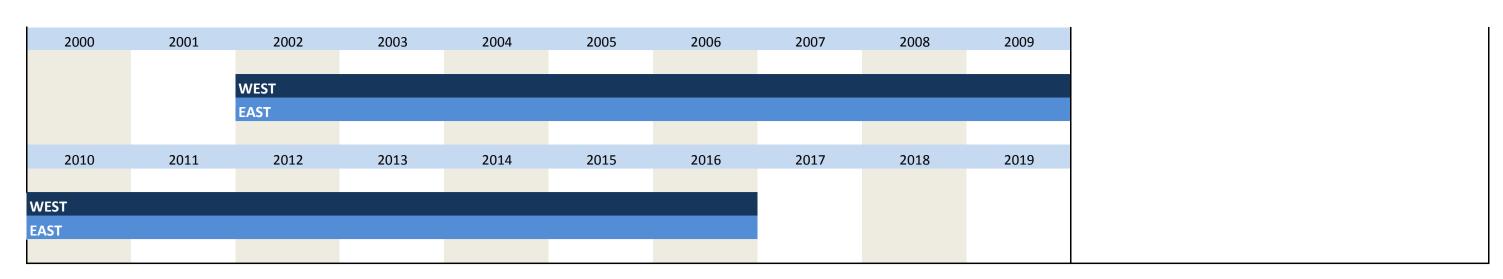
Sufficient [2] too small [3] no export XY [4]										
New Contract New										
Firme span of Variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 WEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST										
Content situation				no export XII [1]						
Consider our (current**) foreign order backlog to be										
Ve consider our (current**) foreign order backlog to be For export		n*								
relatively high [1] sufficient [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 LEAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST LEAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST			ign order backlog	to be						
Sufficient [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 WEST							for export			
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 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST										
too small [3] no export XY [4] Firme span of variable 1980										
Time span of variable 1980										
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										
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										
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										
VEST 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 VEST EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 VEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 VEST	Time span of	variable								
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 WEST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 WEST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019										
NEST EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 NEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 NEST	WEST									
NEST EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 NEST EAST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 NEST										
EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
EAST 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	MECT									
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST		FAST								
MEST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 MEST										
AST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AST 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	WECT									
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST										
WEST										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	WEST									
	LAST									

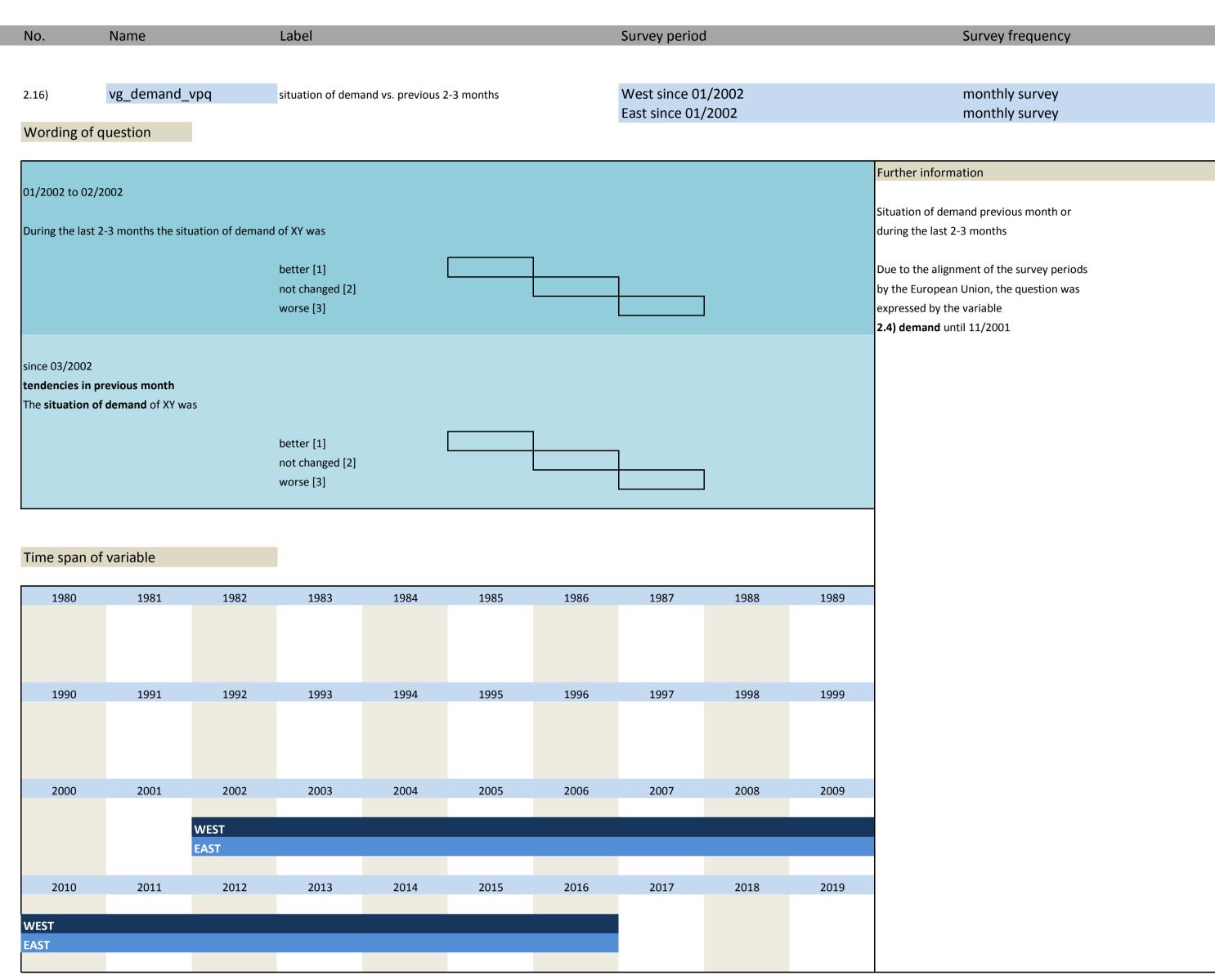


NO.	Name	Labei	Survey period	Survey frequency
2.14)	vg_emplexp	expected employees	West 01/1980 to 04/1997	quarterly survey
			and since 07/1997	monthly survey
			East since 01/1991	monthly survey
Wording of	question			
				Further information
01/1991 to 11/	2001			Expected development of the total number of
No questionnai	res for the East available			employees









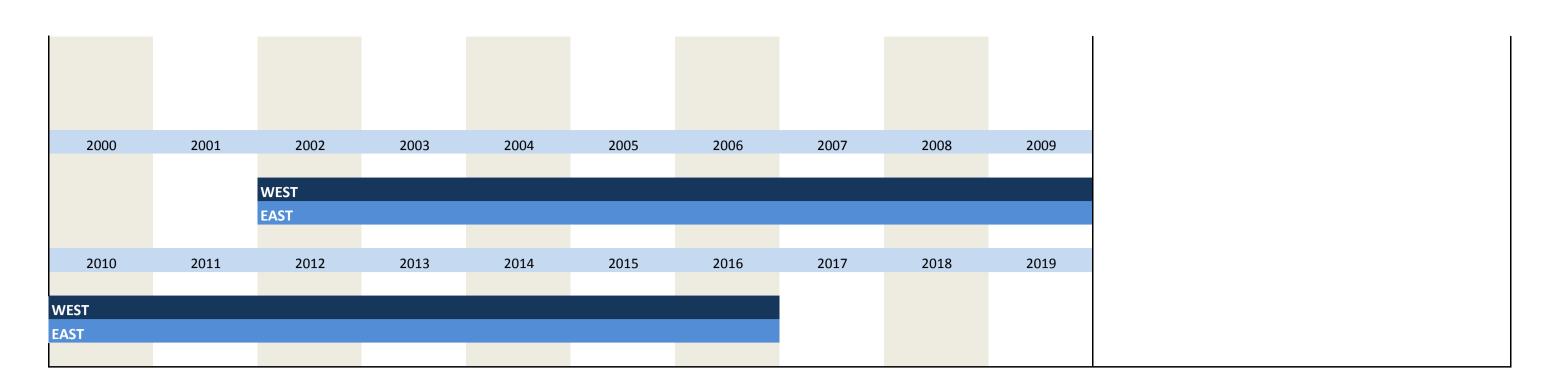
.17)	vg_ord_vpq		orders vs. previou	us 2-3 months			West since 01/2	2002		monthly survey
.17)	v B_01a_ v pq		oracis vs. previot	us 2 5 months			East since 01/2			monthly survey
Vording of o	question							002		e, carte,
										Further information
1/2002 to 02/	/2002									
										Orders last month or
uring the last ?	2-3 months our ord	ler backlog (domes	stic and foreign o	orders, in terms of	t value) for XY was	S				during the last 2-3 months
		higher [1]								Due to the alignment of the survey periods
		about the same [2	!]							by the European Union, the question was
		lower [3]								expressed by the variable
							- '			2.5) ordvpm until 11/2001.
										2.5) or a vpm and 11/2001.
										2.5) oravpin anti 11/2001.
nce 03/2002										2.5) oravpin anti 11/2001.
endencies in p	previous month									2.5) oravpin until 11/2001.
endencies in p	previous month klog (domestic and f	oreign orders, in te	erms of value) fo	r XY was						2.5) oravpin until 11/2001.
endencies in p	klog (domestic and f		erms of value) fo	r XY was						2.5) oravpin until 11/2001.
endencies in p	klog (domestic and f	higher [1]	[r XY was						2.5) oravpin until 11/2001.
endencies in p	clog (domestic and f		[r XY was						2.5) oravpin until 11/2001.
endencies in p	clog (domestic and f	higher [1] about the same [2	[r XY was						2.5) Olavpin anti 11/2001.
endencies in p	clog (domestic and f	higher [1] about the same [2	[r XY was						2.5) Olavpin anti 11/2001.
endencies in p	klog (domestic and f	higher [1] about the same [2	[r XY was						2.5) Olavpin and 11/2001.
endencies in p	klog (domestic and f	higher [1] about the same [2	[r XY was						2.5) Olavpin and 11/2001.
ime span o	of variable	higher [1] about the same [2 lower [3]	·]		1985	1986	1987	1988	1989	2.5) Olavpin and 11/2001.
endencies in p	klog (domestic and f	higher [1] about the same [2	[r XY was	1985	1986	1987	1988	1989	2.5) Gravpin until 11/2001.
ime span o	of variable	higher [1] about the same [2 lower [3]	·]		1985	1986	1987	1988	1989	2.5) or avpin until 11, 2001.
ime span o	of variable	higher [1] about the same [2 lower [3]	·]		1985	1986	1987	1988	1989	2.5) Gravpin until 11/2001.
ime span o	of variable	higher [1] about the same [2 lower [3]	·]		1985	1986	1987	1988	1989	2.5) Gravpin until 11/2001.

Survey period

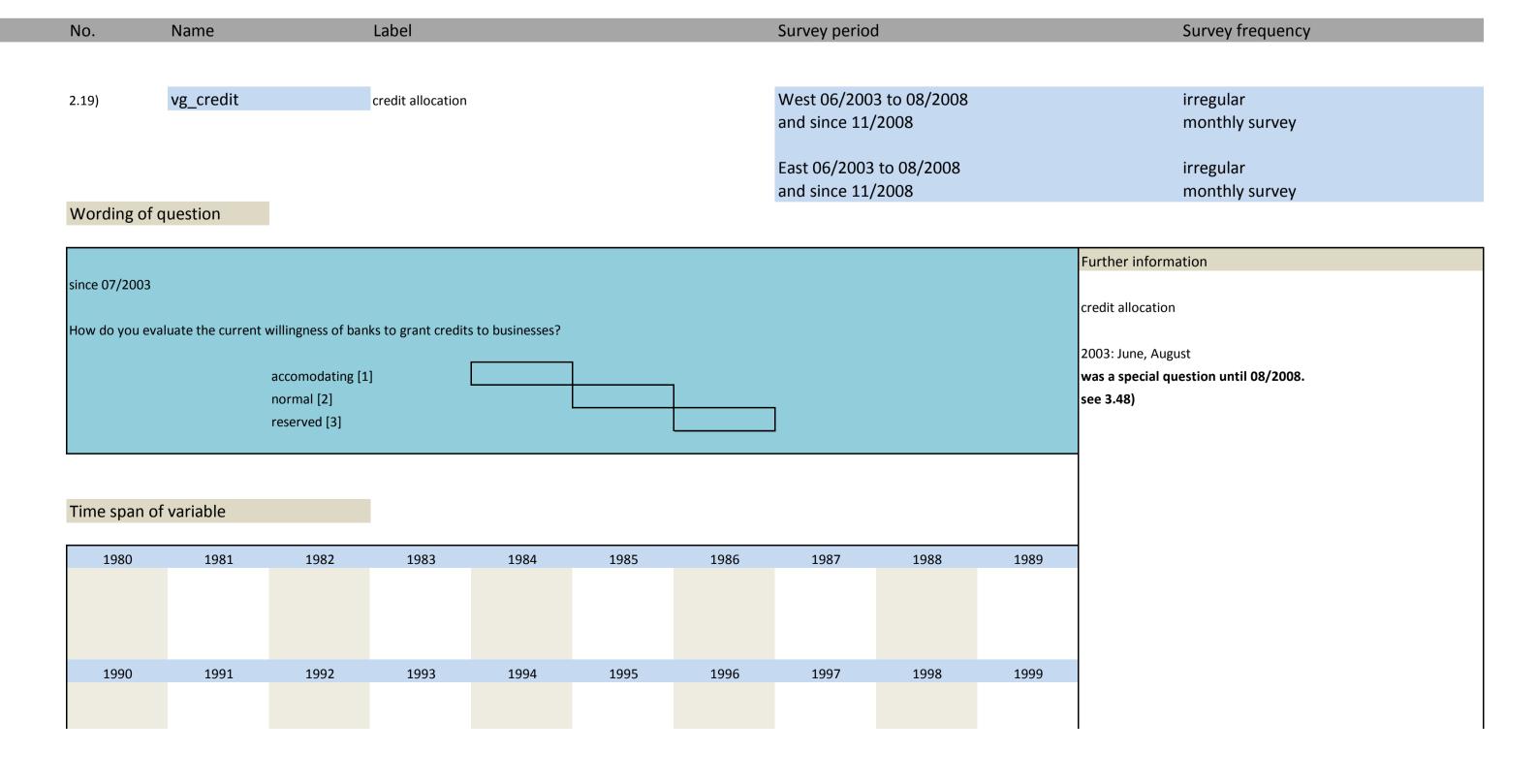
Name

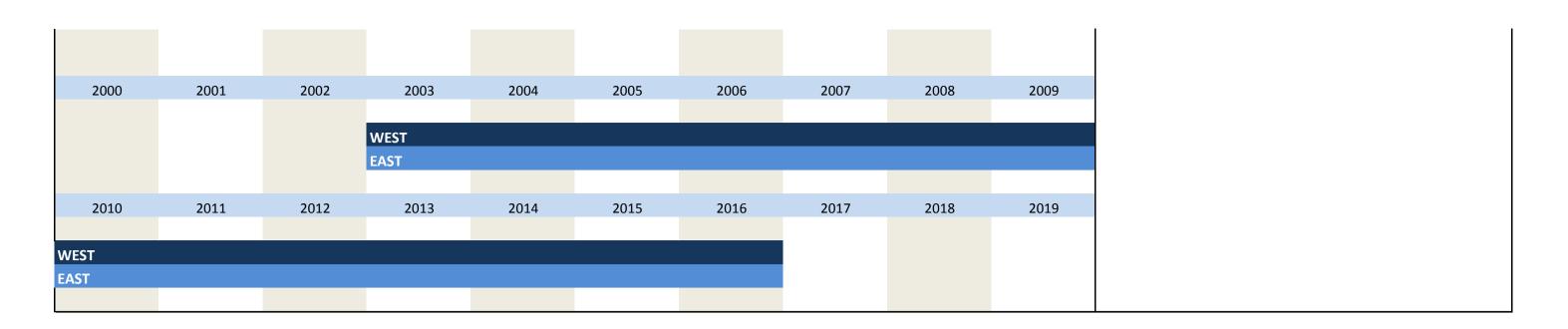
Label

No.



No.	Name		Label				Survey perio	d		Survey frequency
2.18)	vg_price_vp	pq	domestic prices	of sale vs. previou	s 2-3 months		West since 0			monthly survey
Wording of	auestion						East since 01	./2002		monthly survey
wording or	question									
01/2002/+0.02	2/2002									Further information
01/2002/ to 02	2/2002									Domestic prices of sale previous month or
during the last	2-3 months our (r	net-) domestic sales	prices for XY we	re [] taking chan	ges in conditions	into account				during the last 2-3 months
				increased [1]				_		Due to the alignment of the survey periods
				not changed [2]						by the European Union, the question was
				decreased [3]						expressed by the variable 2.7) pricevpm until 11/2001
since 03/2002 tendencies in	previous month									
		for XY were [] taki	ng changes in co	nditions into accou	unt					
				increased [1]]			
				not changed [2]						
				decreased [3]						
Time span o	of variable									
Time span 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	
		WEST								
		EAST								
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										



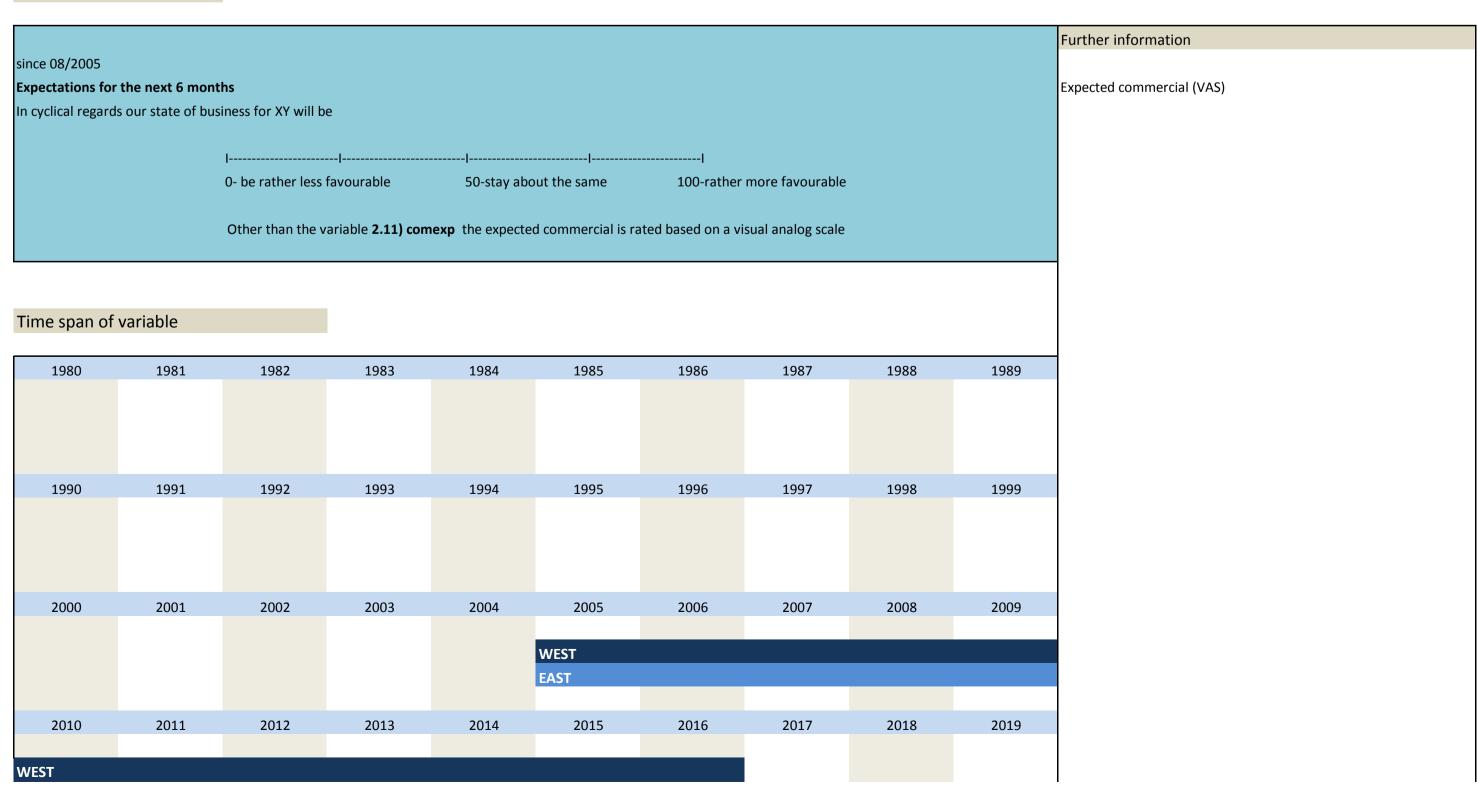


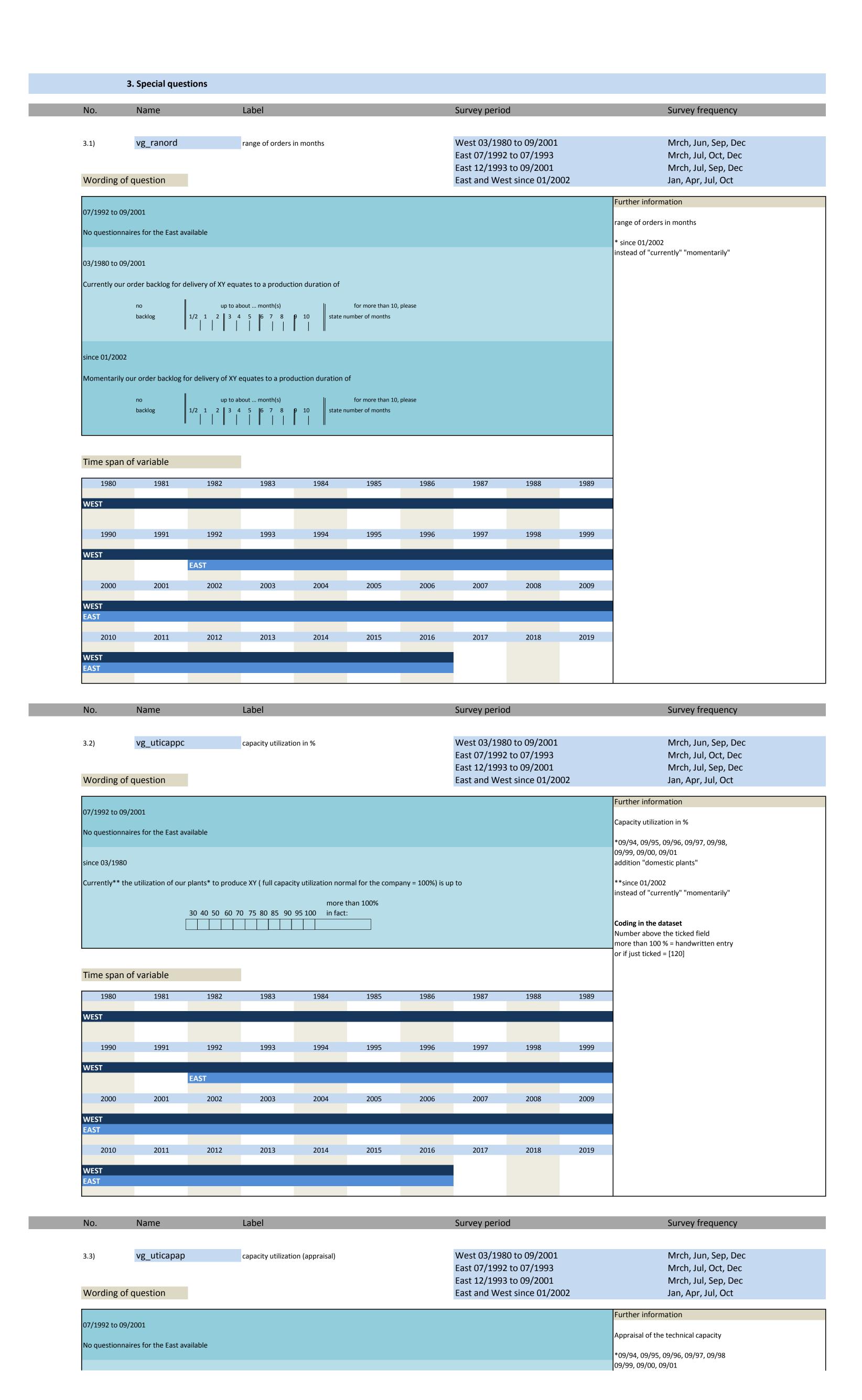
0.	Name		Label				Survey period	l		Survey frequency
20)	vg_statebus_s	sl	state of business ((VAS)			West since 08	3/2005		monthly survey
_0,	18_3tate2da_		state of basiness ((17.6)			East since 08/			monthly survey
							Edst since out	2003		monthly salvey
Vording of q	uestion									
										Further information
nce 08/2005										
urrent situation										Appraisal of the state of business (VAS)
e consider our	state of business	to be								
		I								
		0-bad		•	isfiable	·	100-good			
							200 8000			
		Other than th	e variable 2.1) sta	tebus the state of	of business is rate	d based on a visua	al analog scale			
ime span of	variable									
ime span of	variable									
ime span of	variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
				1984	1985	1986	1987	1988	1989	
				1984	1985	1986	1987	1988	1989	
				1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983							
				1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983							
1980	1981	1982	1983							
1980	1981	1982	1983							
1980	1981 1991	1982	1983	1994	1995	1996	1997	1998	1999	
1980	1981	1982	1983							
1980	1981 1991	1982	1983	1994	1995 2005	1996	1997	1998	1999	
1980	1981 1991	1982	1983	1994	1995	1996	1997	1998	1999	
1980	1981 1991	1982	1983	1994	1995 2005 WEST	1996	1997	1998	1999	

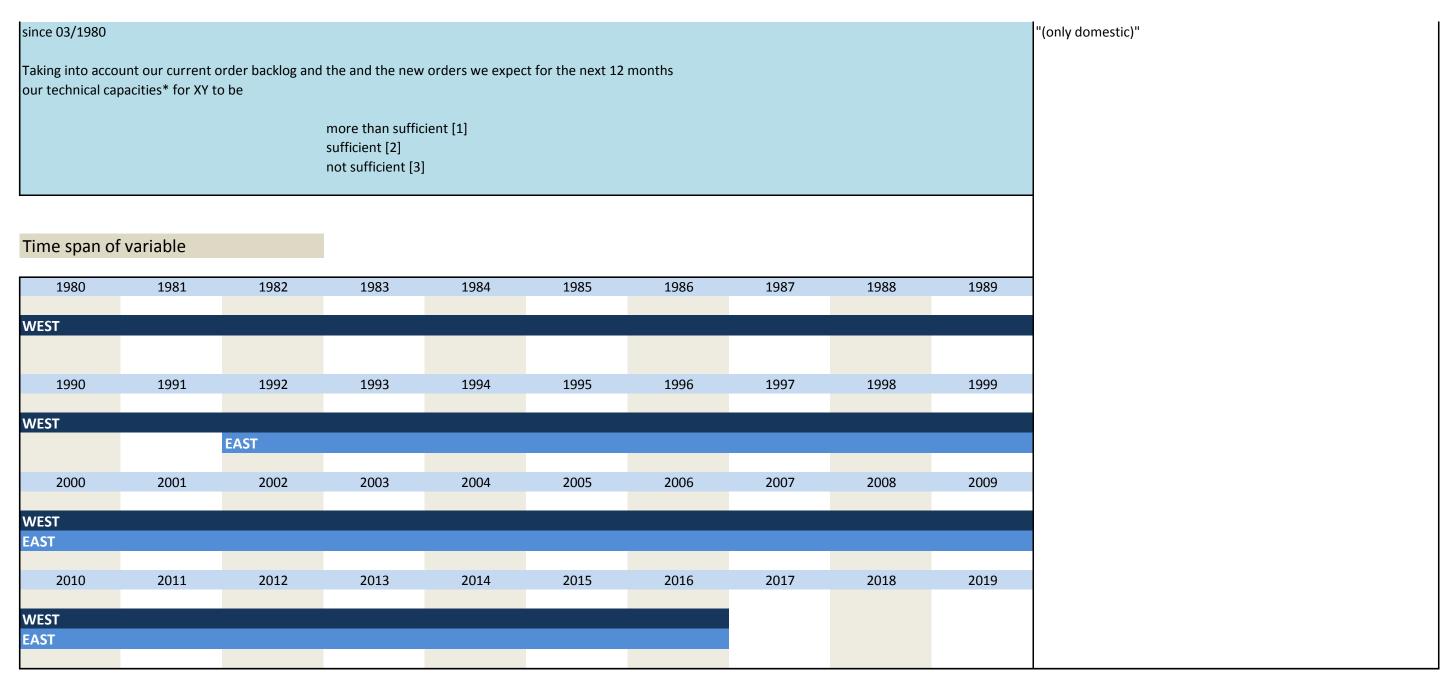
No.	Name	Label	Survey period	Survey frequency	
2.21)	vg_comexp_sl	expected commercial (VAS)	West since 08/2005	monthly survey	
			East since 08/2005	monthly survey	

Wording of question

WEST EAST

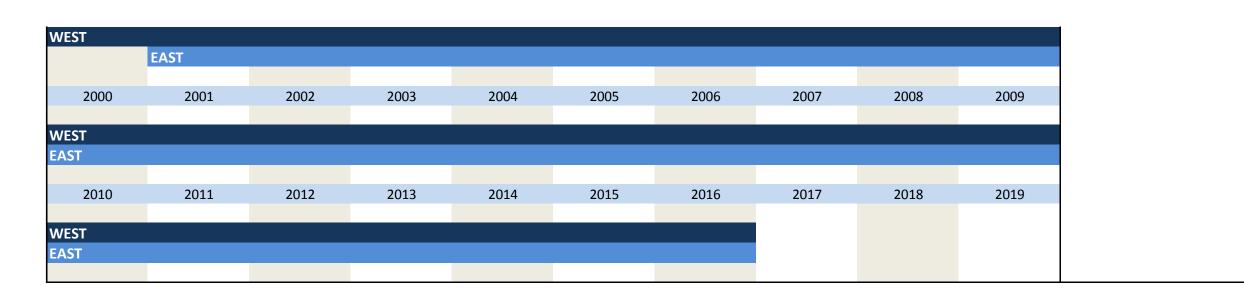






	Name		Label				Survey perio	d		Survey frequency
2.4)	va constrain						West since 0	1 /1000		lan Anr Iul Oct
3.4)	vg_constrain		constraints to pr	roduction						Jan, Apr, Jul, Oct monthly survey
Wording o	East 01/1991 to 12/200 East since 01/2001									Jan, Apr, Jul, Oct
	•									
01/1991 to 10	0/2001									Further information
No questionn	naires for the East ava	ailable								Constraints to production
01/1980 to 10	0/2001									
		ourrontly constru	ain a d							
Jur domestic	production of XY is	currently constra								
		yes [1]		no [2]						
since 01/2002	2									
Our domestic	production is curre	ntly constrained								
Our domestic				ردا درا						
Our domestic		ntly constrained yes [1]		no [2]						
Our domestic				no [2]						
]no [2]						
Time span	of variable	yes [1]			1025	1096	1097	1088	1080	
Time span			1983]no [2]	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	yes [1]	1983	1984						
Time span 1980 WEST 1990 WEST 2000	of variable 1981 1991 EAST	yes [1] 1982 1992	1983	1984	1995	1996	1997	1998	1999	
Time span 1980 WEST 1990 WEST	of variable 1981 1991 EAST	yes [1] 1982 1992	1983	1984	1995	1996	1997	1998	1999	
Time span 1980 WEST 1990 WEST 2000	of variable 1981 1991 EAST	yes [1] 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	yes [1] 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	yes [1] 1982 1992 2002	1983 1993 2003	1984 1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

No.	Name		Label				Survey perio	d		Survey frequency
3.5)	vg_ordlack		lack of orders				West since 0	1/1980		Jan, Apr, Jul, Oct
•	0_							1991 to 12/20	000	monthly survey
Wording of	question						East since 01			Jan, Apr, Juli, Oct
01/1991 to 10/	2001									Further information
01/1991 (0 10/	2001									Lack of orders
No questionnai	ires for the East av	ailable								
										*East 01/1991 to 12/2000
01/1980 to 10/	2001									instead of "insufficient orders" "sales difficulties"
Our domestic p	production of XY is		ained.							
	If yes, by followi	ng tactors:								
			insufficient order	s* [1]						
since 01/2002										
5										
Our domestic p	production is curre									
	If yes, by followi	ng factors:								
			insufficient order	s* [1]						
Time span o	of variable									
·····c spair o										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	



	Name		Label				Survey perio	d		Survey frequency
3.6)	vg_mplack		lack of manpowe	er			West 01/198 East 01/1991 East 01/2001			Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct
Wording of	question									
)1/1991 to 10/	/2001									Further information
No questionna	ires for the East av	vailable								Lack of manpower
01/1980 to 10/	/1995									
Our domestic ք	oroduction of XY is		ained.							
	If yes, by followi									
			lack of manpowe	er [1]						
01/1996 to 10	/2001									
0_, _000 to _0	,									
Dur damastis r	aradustian of VV is	. currently constra	sinad							
Our domestic ք	oroduction of XY is If yes, by followi		ained.							
Dur domestic μ		ing factors:	ained. lack of qualified	manpower [1]]			
Our domestic բ		ing factors:		manpower [1]]			
	If yes, by followi	ing factors:		manpower [1]]			
Time span c	If yes, by following	ing factors:	lack of qualified		1005	1006	1097	1000	1000	
Fime span o	If yes, by followi	ing factors:		manpower [1]	1985	1986	1987	1988	1989	
Time span c	If yes, by following	ing factors:	lack of qualified		1985	1986	1987	1988	1989	
Fime span o	of variable 1981	1982	lack of qualified	1984					1989	
Time span of 1980 WEST	If yes, by following	ing factors:	lack of qualified		1985	1986	1987	1988		
Fime span o	of variable 1981	1982	lack of qualified	1984						
Time span of 1980 WEST	of variable 1981 1991	1982	lack of qualified	1984						
Time span of 1980 VEST 1990 VEST	of variable 1981 1991 EAST	1982 1992	1983	1984	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000	of variable 1981 1991 EAST	1982 1992	1983	1984	1995	1996	1997	1998	1999	
Time span of 1980 VEST 1990 VEST 2000	of variable 1981 1991 EAST	1982 1992	1983	1984	1995	1996	1997	1998	1999	
1980 VEST 1990 VEST 2000 VEST EAST	of variable 1981 1991 EAST 2001	1982 1992 2002	1983 1993 2003	1984	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

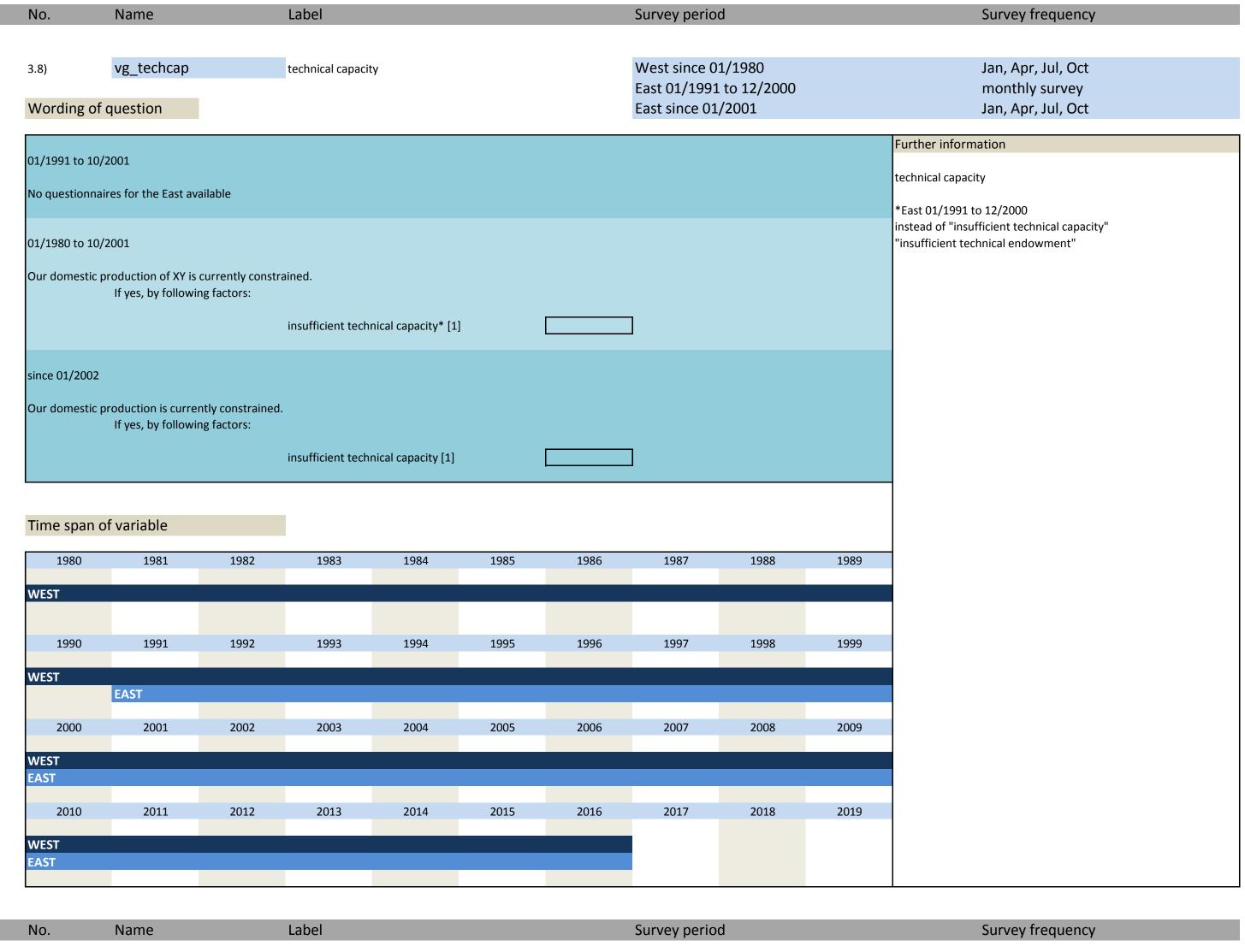
No.

Name

Label

3.7)	vg_matlack		lack of material				West since 0	1/1020		Jan, Apr, Jul, Oct
5.7)	vg_matiack		lack of filaterial				East since 01			Jan, Apr, Jul, Oct
Wording of	question									
										Further information
01/2001 to 10,	/2001									
No questionna	nires for the East av	vailable								Lack of material
01/1980 to 10	/2001									
Our domestic	production of XY is	currently constra	ained							
Car domestic	If yes, by followi									
			lack of raw mate	rials or						
			pre-materials [1]							
since 01/2002										
Our domestic	production is curre	ently constrained.								
	If yes, by followi	ing factors:								
			lack of raw mate							
			pre-materials [1]							
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST	EAST									
2010	2011	2012	2013	2014	2015	2016	2017	2010	2019	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

Survey period



			Lanci				Survey perio	u		Survey frequency
0)	va bastlask		lead of book at a fe				West 10/109	5 to 10/1995		lon Ang Iul Oct
.9)	vg_bastlack		lack of back staff				West 10/196	55 (0 10/1995		Jan, Apr, Jul, Oct
Vording of	question									
_										In
0/1985 to 12/	1995									Further information
										Lack of back staff
ur domestic p	oroduction of XY is or If yes, by following		ained.							
		lack of manpowe	er back staff [1]]					
ime span c	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
					WEST					
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	1991	1992	1993			1996	1997	1998	1999	
	1991	1992	1993			1996	1997	1998	1999	
/EST				1994	1995					
	1991 2001	1992	1993 2003			1996 2006	1997	1998 2008	1999 2009	
VEST				1994	1995					
VEST				1994	1995					
VEST				1994	1995					
2000	2001	2002	2003	1994 2004	1995 2005	2006	2007	2008	2009	
2000	2001	2002	2003	1994 2004	1995 2005	2006	2007	2008	2009	

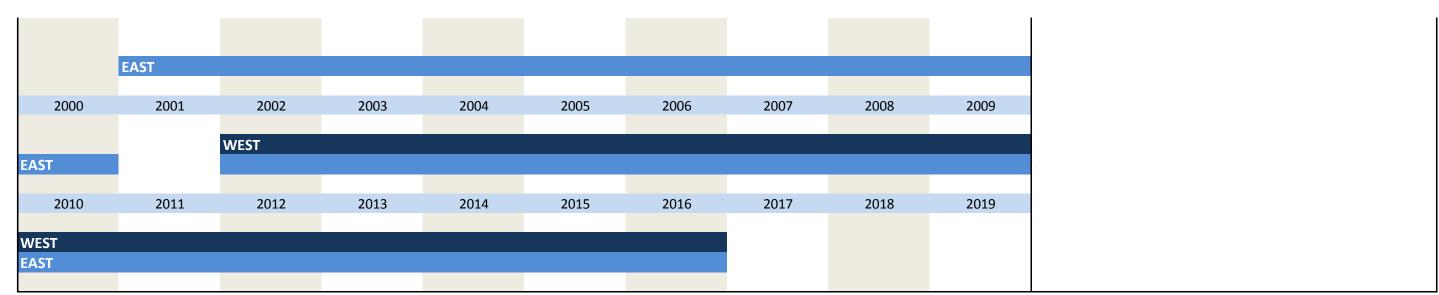
3.10)	vg_difffin		difficulties of fina	ncing			East 01/1991 East and Wes	L to 12/2000 st since 01/2002	2	monthly survey Jan, Apr, Jul, Oct
Vording of q	question									Fruither information
1/1991 to 12/2	000 es for the East ava	ailablo								Further information Production costraints by difficulties of financing
since 01/2002	es for the East ava	апаріе								
Our domestic pr	oduction is currei		difficulties of fina	ncing [1]						
Time span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1300										

Survey period

No.

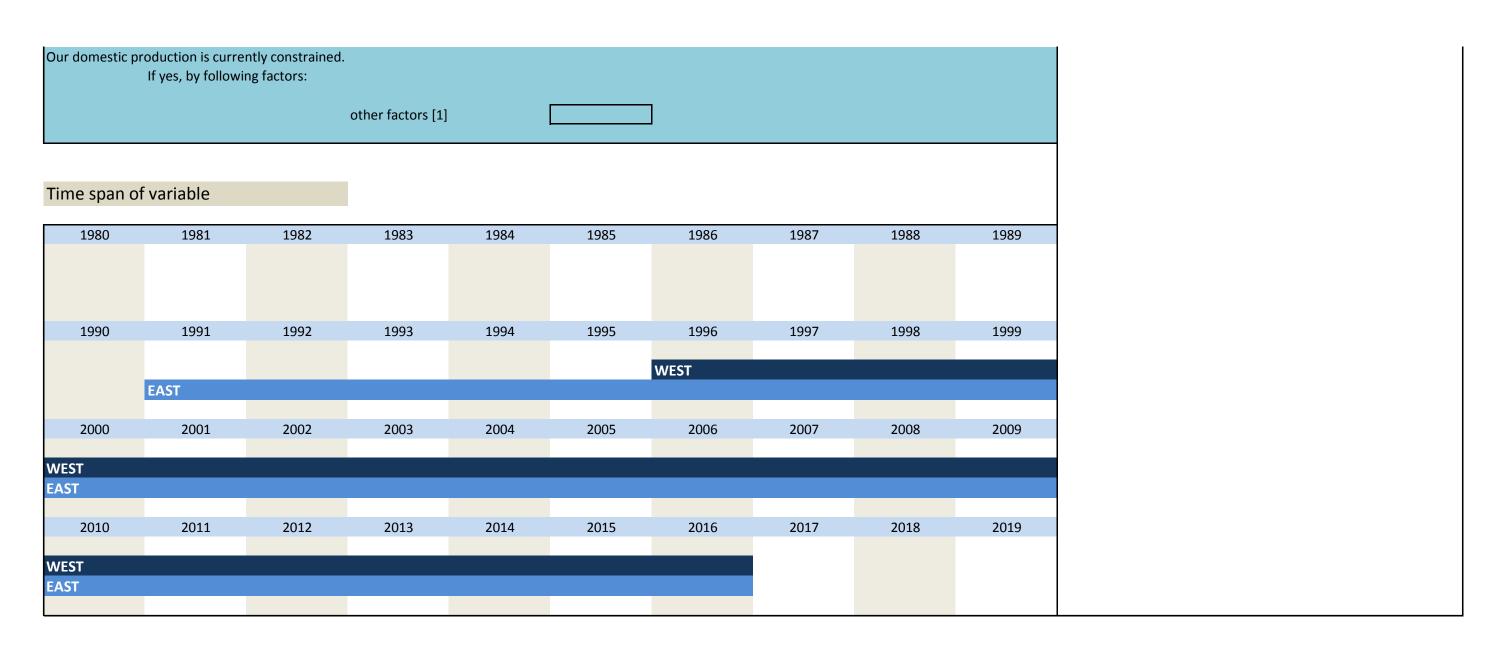
Name

Label



No.	Name		Label				Survey perio			Survey frequency
3.11)	vg_weather		weather conditi	ions			East 02/1994	4 to 06/2000*		monthly survey
Wording of q	luestion									
01/1991 to 12/20	000									Further information
		he East availabl	le. The following w	vording is taken f	rom previous lists o	f variables				Production constraints by weather conditions
4				or am B to content						*since 01/1999 sind kein Werte mehr in dem Datensatz enthalten
02/1994 to 06/20	000									
Our domestic pro	oduction of XY is If yes, by followi		rained.							
			unfavourable w	eather condition	ıs [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	
				EAST						
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
FACT.										
EAST	2011	2012	2013	2014	2045	2016	2017	2040	2010	
2010	2011	2012	2015	2014	2015	2016	2017	2018	2019	
No.	Name		Label				Survey perio	d		Survey frequency
3 12)	vø skelllack		lack of skilled en	mnlovaes			West 01/190	91 to 10/1995		lan Anr Iul Oct
	vg_skelllack		lack of skilled er	mployees			West 01/199 East and We	91 to 10/1995 st since 01/20		Jan, Apr, Jul, Oct Jan, Apr, Jul, Oct
3.12) Wording of q			lack of skilled er	mployees						Jan, Apr, Jul, Oct
			lack of skilled er	mployees						Jan, Apr, Jul, Oct Further information
Wording of q since 01/2002 Our domestic pro	uestion oduction of XY is			mployees						Jan, Apr, Jul, Oct Further information Lack of skilled employees
Wording of q since 01/2002 Our domestic pro	uestion		rained.							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	uestion 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	uestion oduction of XY is If yes, by followi	ng factors:	rained.	mployees [1]	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		crained. Lack of skilled e		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	oduction of XY is If yes, by following variable 1981	ng factors:	crained. Lack of skilled e	mployees [1]			East and We	1988	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	trained. Lack of skilled electric skill	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	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	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	trained. Lack of skilled electric skill	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	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	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	1995 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	Lack of skilled end of the skilled end of skilled e	mployees [1] 1984 1994 2004	1995 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 Name	1982 1992 2002 WEST EAST	Lack of skilled ends of skille	mployees [1] 1984 1994 2004	1995 2005	1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1989	Jan, Apr, Jul, Oct Further information Lack of skilled employees * see variable 3.6) mplack Survey frequency
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	1983 1993 2003	mployees [1] 1984 1994 2004	1995 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 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	1995 2005	1996 2006	1987 1997 2007 Survey perio	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 questions of questio	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001 Name vg_othrea juestion	1982 1992 2002 WEST EAST	Lack of skilled ends of skille	mployees [1] 1984 1994 2004	1995 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 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 juestion 001	1982 1992 2002 WEST EAST 2012	Lack of skilled ends of skille	mployees [1] 1984 1994 2004	1995 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 questions of questions of questionnaire wording of questionnaire for the span of questionnaire for questionna	oduction of XY is If yes, by followi variable 1981 1991 WEST 2001 Name vg_othrea juestion 001 es for the East av	1982 1992 2002 WEST EAST 2012	Lack of skilled ends of skille	mployees [1] 1984 1994 2004	1995 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 juestion 001 es for the East av 001	1982 1992 2002 WEST EAST 2012	1983 1993 2003 Label other reasons	mployees [1] 1984 1994 2004	1995 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 juestion 001 es for the East av 001	1982 1992 2002 WEST EAST 2012	1983 1993 2003 Label other reasons	mployees [1] 1984 1994 2004	1995 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	od		Survey frequency
3.14)	vg_proexpen		product too exp	ensive			Fast 01/199	1 to 12/2000		monthly survey
			production exp					_		
Wording o	f question									
01/1991 to 12	2/2000									Further information
		- 11 - 11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			a Para africadali					Products too expensive
No questionna	aires for the East av	allable. The follo	owing wording is t	aken from previo	us lists of variable	es				
01/1991 to 12	2/2000									
	production of XY is	currently constr	rainad							
our domestic	If yes, by following									
			Products are too	o expensive [1]			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	
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
EAST										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	

Label

Label

No.

No.

Name

Name

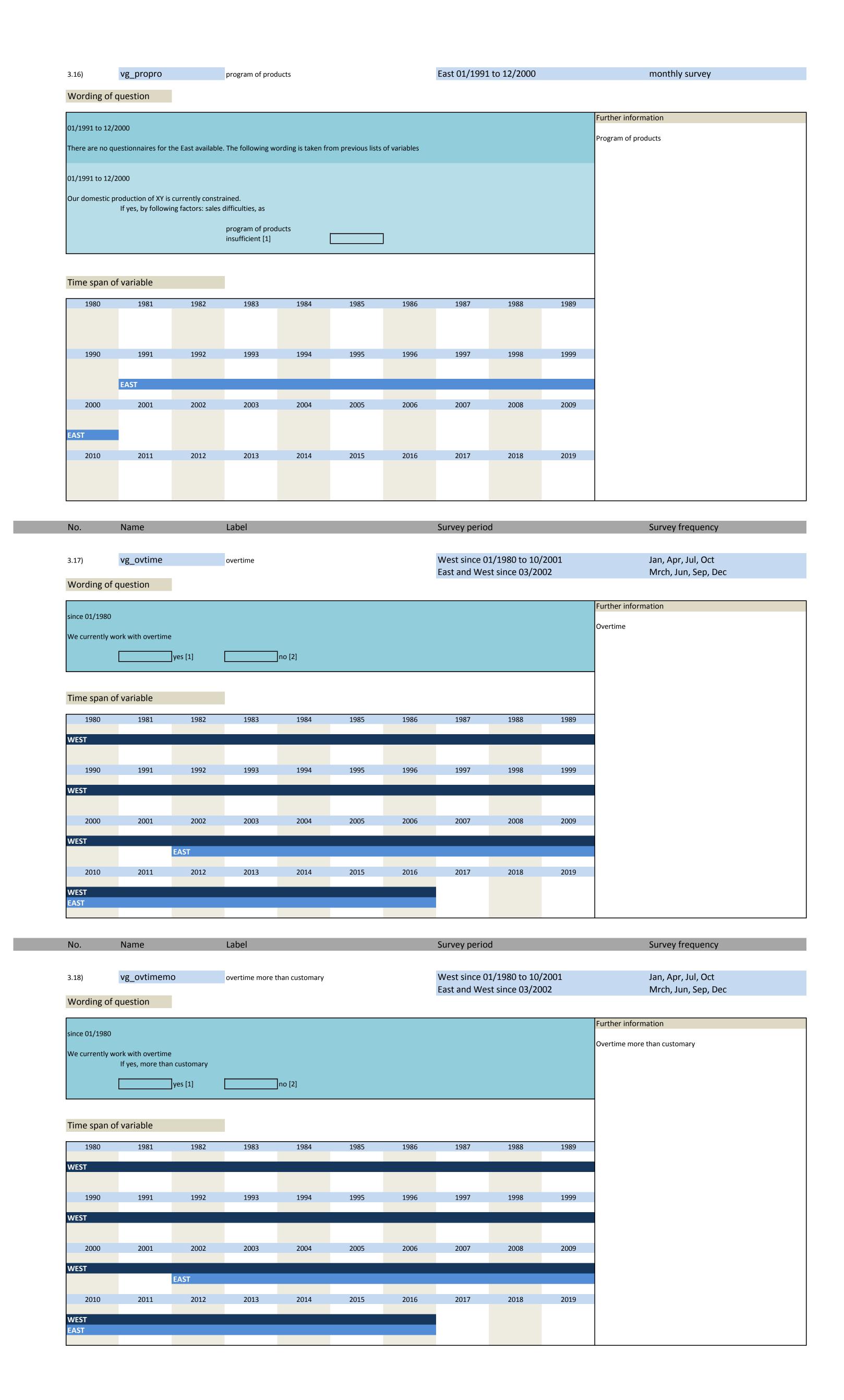
	vg_proqual		quality of produc	cts			East 01/1991	to 12/2000		monthly survey
ording of	question									
01/1001 to 12/1	2000									Further information
01/1991 to 12/2										Quality of product
There are no qu	uestionnaires for t	he East available.	The following wo	ording is taken fr	om previous lists	of variables				
01/1991 to 12/2	2000									
Our domestic p	roduction of XY is	currently constra	ined.							
,	If yes, by followi									
			quality of produc	ct		1				
			insufficient [1]							
										
Гime span o	f variable									
Fime span o	f variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982 1992	1983 1993	1984	1985 1995	1986 1996	1987 1997	1988	1989 1999	
1980	1981 1991									
1980	1981									
1980	1981 1991									
1980 1990	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1991 EAST 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

Survey period

Survey frequency

Survey frequency

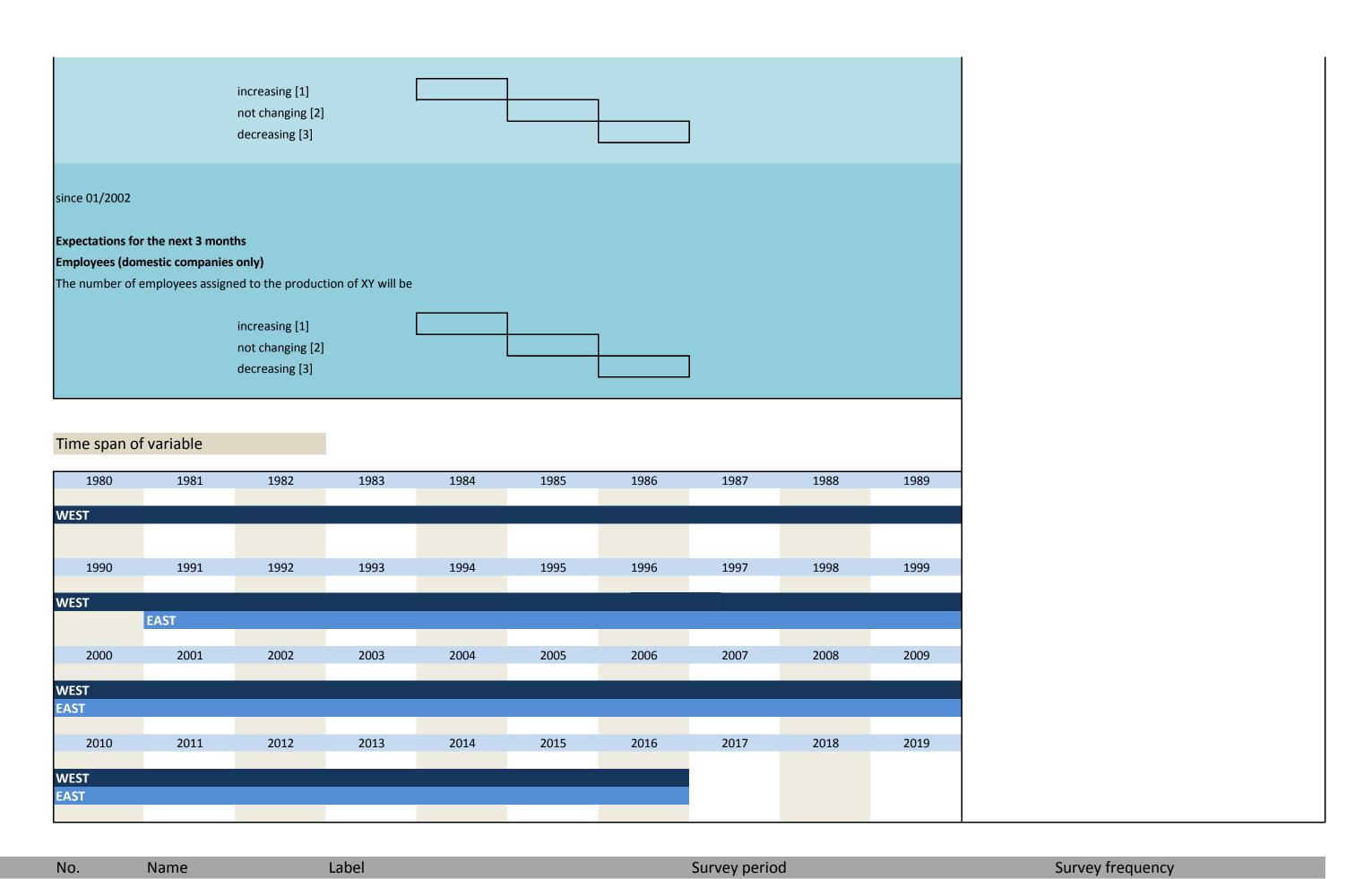
Survey period



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
3.19)	vg_3twork		Short-time work				East 01/1991			monthly survey
							East 01/2002			Jan, Apr, Jul, Oct
Wording of	question							st since 01/20	102	Mrch, Jun, Sep, Dec
Wording or	question						East and WC	31 311100 01/20	,02	типен, зап, вер, вее
										Further information
01/1991 to 10/	/2001									Short-time work
No questionna	ires for the East a	ıvailable								Short-time work
·										
-1 04 /4 000										
since 01/1980										
We currently h	ave short-time w	ork								
		-								
		yes [1]		no [2]						
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1300	1301	1302	1303	1304	1303	1300	1307	1900	1303	
WEST										
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1330	1331	1332	1333	1331	1333	1330	1337	1330	1333	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000		2002	2000	2001	2000	2000	2007		2000	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2313	2011	2010	2010	2017	2310	2010	
WEST										
EAST										

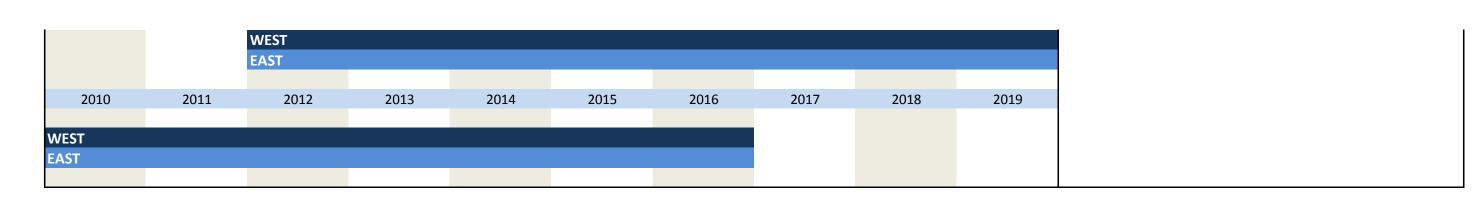
	Name		Label				Survey perio	d		Survey frequency
3.20)	vg_stworkex	р	expected short-t	time work			East 01/1991 East 01/2001	to 10/2001		Jan, Apr, Jul, Oct monthly survey Jan, Apr, Jul, Oct
Wording of	question						East and We	st since 01/20	02	Mrch, Jun, Sep, Dec
01/1991 to 10/2	2001									Further information
lo questionnai	ires for the East av	ailable								Expected short-time work
01/1980 to 10/2	2001									
		Lavos ata dheesa	l, ala aut tion a							
ouring the next	t 3 months we will			1						
		yes [1]		no [2]						
since 03/2002										
	t 3 months we will	expectedly work	short-time							
] _{no [2]}						
		yes [1]		no [2]						
Гime span o	of variable									
Γime span o 1980	of variable 1981	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980 WEST	1981									
1980 WEST 1990 WEST	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000	1981									
1980 WEST 1990 WEST 2000	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000	1981 1991 EAST	1992	1993	1994	1995	1996	1997	1998	1999	
1980 WEST 1990 WEST 2000 WEST EAST	1981 1991 EAST 2001	1992 2002	1993 2003	2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

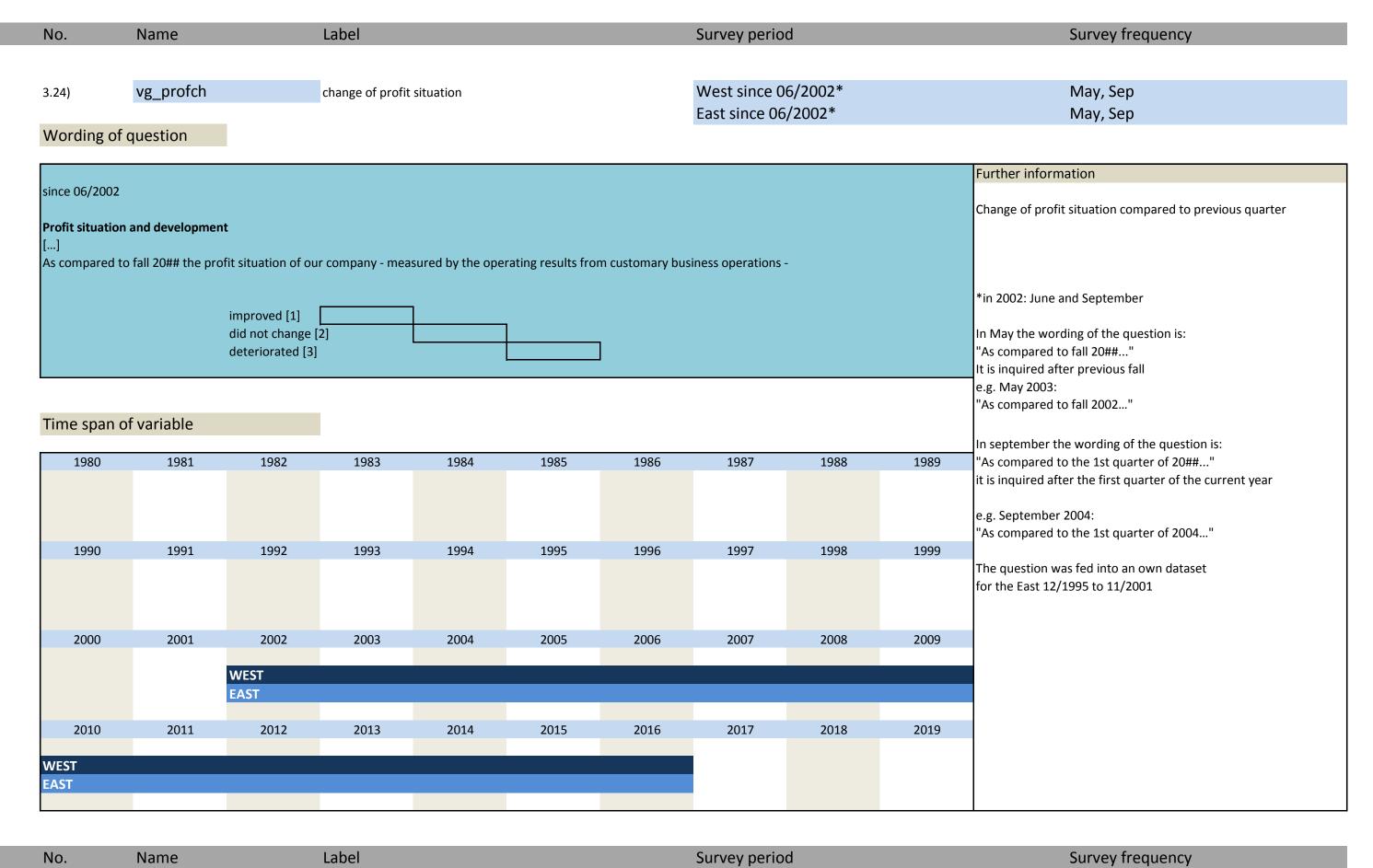
No.	Name	Label	Survey period	Survey frequency
3.21)	vg_emplexp	expected employees	West 01/1980 to 04/1997 and since 07/1997	Jan, Apr, Jul, Oct* monthly survey
Wording of	question		East since 01/1991	monthly survey
During the nex	omestic companies only) It 3 months the number of ards - therefor by elimination increas	anging [2]	will be	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 11/	/2001 omestic companies only)			



22)	vg_empl		employees 12 m	onth			West 10/198	0 to 10/1993		annual survey *
Iording o	f question									
vorung o	i question									
0/4000 + - 40	14002									Further information
0/1980 to 10	7/1993									Employees expectations
mployees		lina in a kina a mana ka			-£l		-lti	la a		
uring the ne	ards - therefor by el xt	ilminating purely :	seasonai nutuatio	ons - the number	or employees as	signed to the pro	auction of XY will	be		*The expected occupation during the next 3 months
										is recorded by the variable
				3 months*	from month	der report on**	12 months			"emplexp". see 3.13)
		increasing [1]			irom month ur	ider report on.				10/1990 to 10/1993
		not changing [2]								**additionally "from month under report on"
		decreasing [3]								* applied curvey in October
										* annual survey in October
ime span	of variable									
		1982	1983	1984	1985	1986	1987	1988	1989	
1980	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983 1993	1984	1985 1995	1986 1996	1987 1997	1988	1989 1999	
1980 VEST 1990	1981									
1980 /EST 1990	1981									
1980 VEST 1990 VEST	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980 VEST 1990	1981									
1980 VEST 1990 VEST	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980 VEST 1990 VEST	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980 VEST 1990 VEST	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980 VEST 1990 VEST 2000	1981	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 VEST 1990 VEST 2000	1981	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

).	Name		Label				Survey period			Survey frequency
3) ording of	vg_prof question		profit situation				West since 06,			May, Sep May, Sep
	and developmer	situation of our co	ompany - measuro	ed by the operat	ing results from cu	ustomary busine	ss operations - to	be		Further information Current profit situation *in 2002: June and September The question was fed into an own dataset for the East 12/1995 to 11/2001
me span o	f variable	satisfying [2] bad [3]								
me span o 1980	f variable 1981		1983	1984	1985	1986	1987	1988	1989	
me span o 1980		bad [3]	1983	1984	1985	1986	1987	1988	1989	





Survey period

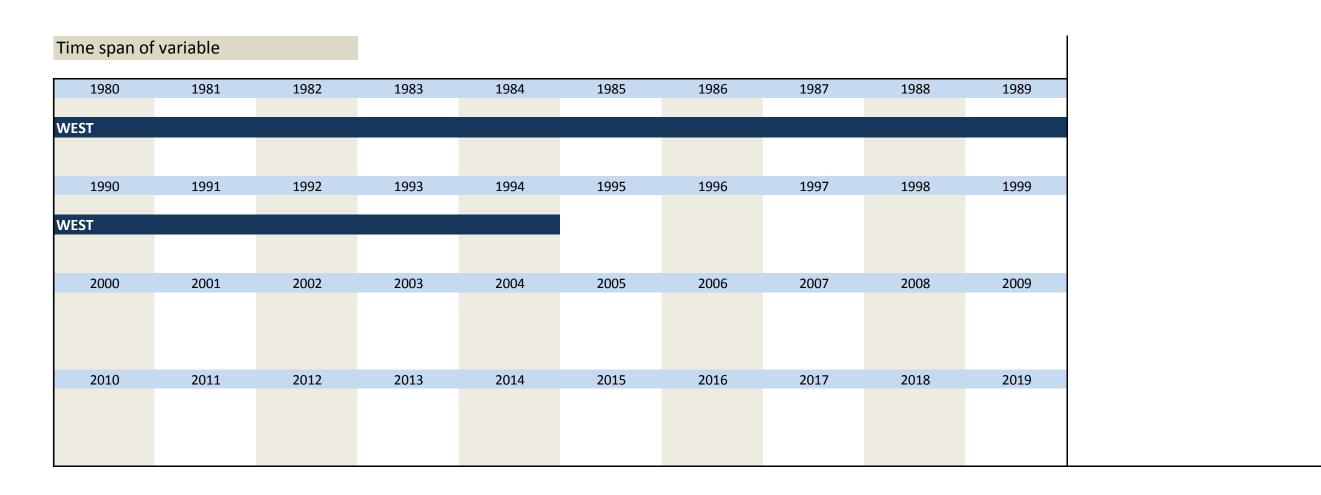
Name

No.

Label

25) Vording of q	vg_hcount question		headcount				West 03/200 East 09/1994			Mrch, Jun, Sep, Dec Mrch, Jun, Sep, Dec
9/1994 to 12/2	2001									Further information
Io questionnaires for the East available										Development of the headcount
questionnair	es for the East av	valiable								* no inquiry in Dec 2001 but in Nov 2001
nce 03/2002										
e consider our	r head count with	n respect to the e	expected sales de	velopment of XY o	during the next 12	months to be				
				·						
		relatively high [1] (e.g. reduction of staff neccessary)								
		sufficient [2]								
		too low [3]								
		too low [3] (e.g. additional staff	f neccessary)							
			f neccessary)							
ime span of	f variable		f neccessary)							
ime span of		(e.g. additional staff		1004	1095	1096	1007	1000	1090	
ime span of	f variable 1981		f neccessary) 1983	1984	1985	1986	1987	1988	1989	
		(e.g. additional staff		1984	1985	1986	1987	1988	1989	
1980	1981	(e.g. additional staff	1983							
		(e.g. additional staff		1984	1985	1986	1987	1988	1989	
1980	1981	(e.g. additional staff	1983							
1980 1990	1981 1991	1982	1983	1994 EAST	1995	1996	1997	1998	1999	
1980	1981	1982 1992	1983	1994						
1980 1990	1981 1991	1982	1983	1994 EAST	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1991	1982 1992	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	of question			
				Further information
since 02/19	80			feedstock
Feedstock Our stock o	f the most important ray	v materials and pre-materials to produce XY is cu	rrently	
	re no re	latively high [1] ormal [2] latively low [3] ock-keeping not usual [4]		Not inquired in November 1981



No.	Name		Label				Survey perio	d		Survey frequency
3.27)	vg_proenl		enlargement of p	production			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Wording of	question									
										Further information
since 08/1981										enlargement of production
Feedstock	e most important	raw materials ar	nd pre-materials to	nroduce VV is cu	ırrantly					
[]		i aw iliatei iais ai	na pre-materiais to	produce X1 is co	arrendy					*"currently" since 02/1988
if relatively high	h:									
We currently ha	ave a high stock be	ecause of								
			enlargement of p	oroduction [1]						
			0 1							
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1000	1991	1002	1002	1004	1005	1006	1007	1000	1000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name	Label	Survey period	Survey frequency	
3.28)	vg_priceinc	increase in price	West 08/1981 to 02/1993	Feb, May, Aug, Nov	
Wording	of question				

Further information since 08/1981 Increase in price Feedstock Our stock of the most important raw materials and pre-materials to produce XY is currently [...] if relatively high: We currently have a high stock because of

expected increase in price [1]

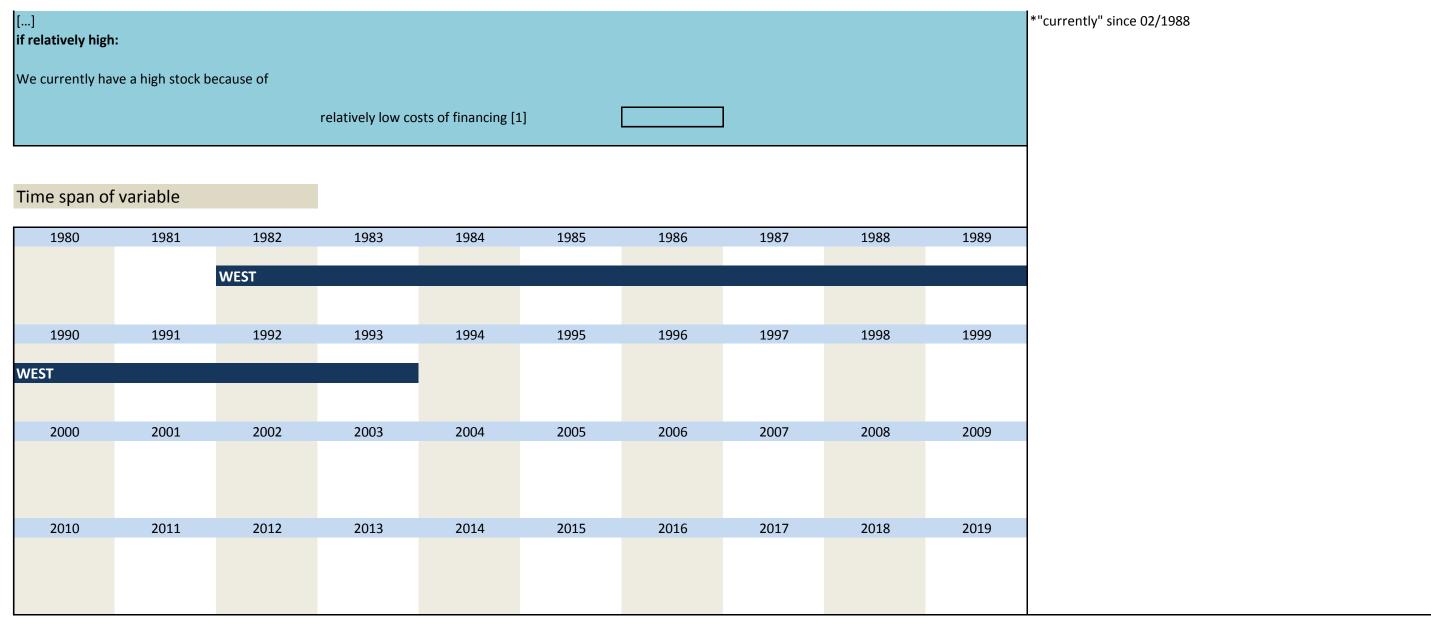
*"currently" since 02/1988 Not inquired in November 1981

Time span of variable

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

No.	Name	Label	Survey period	Survey frequency
3.29)	vg_fincolow	low costs of financing	West 05/1982 to 02/1993	Feb, May, Aug, Nov
Wording of	question			
J	•			

Further information since 05/1982 low costs of financing Feedstock Our stock of the most important raw materials and pre-materials to produce XY is currently



	Name		Label				Survey perio	d		Survey frequency
30)	vg_diffsup1		difficulties of sup	oply			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Vording of	question									
20/1001										Further information
ince 08/1981										difficulties of supply
	e most important i	raw materials a	nd pre-materials to	produce XY is co	urrently					
] relatively hig	gh:									*"currently" since 02/1988
Ve currently h	ave a high stock be	ecause of								Not inquired in November 1981
,			difficulties of sup	oply [1]						
			annodices of sup	· [+]						
ime span o	of variable									
inic span o	or variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	1981	1982	1983	1984	1985 1995	1986 1996	1987 1997	1988	1989 1999	
1980	1981 WEST									
1980 1990 VEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990	1981 WEST									
1980 1990 VEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 VEST 2000	1981 WEST 1991 2001	1992 2002	2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 1990 VEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 VEST 2000	1981 WEST 1991 2001	1992 2002	2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

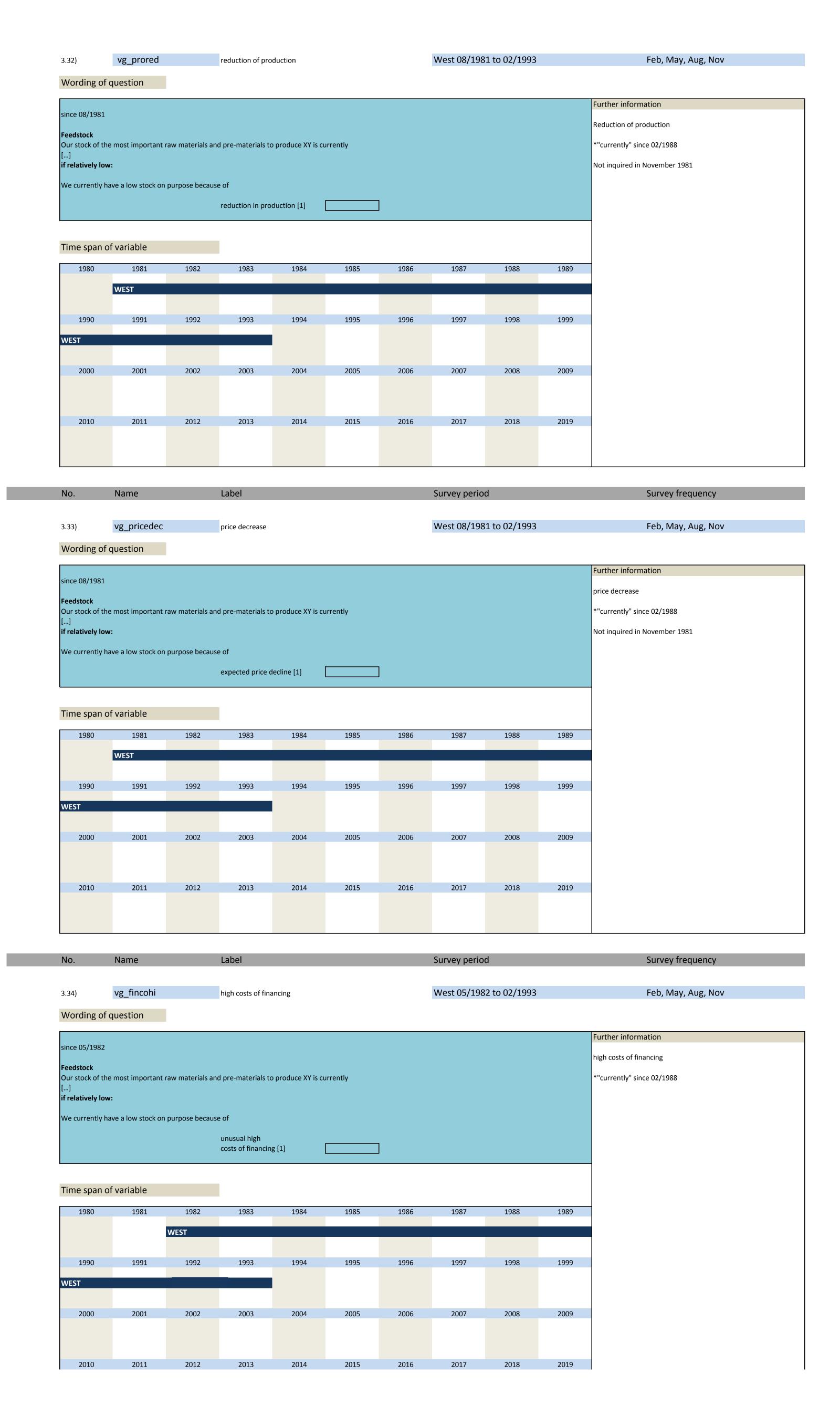
	Name		Label				Survey perio	d		Survey frequency
3.31)	vg_weaken		weakening				West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Nording of o	question									
										Further information
ince 08/1981										weakening
eedstock			de la companya de la decembra de la companya de la							
our stock of the]	e most important i	raw materials an	d pre-materials to	produce XY is cu	irrently					*"currently" since 02/1988
f relatively high	1:									Not inquired in November 1981
We currently ha	ive a high stock be	ecause of								
			The feedstock in	creased due to a						
			a weakening (in o	demand) [1]]			
Time snan of	f variable									
Time span of										
Fime span of	f variable	1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985 1995	1986 1996	1987 1997	1988	1989 1999	
1980	1981 WEST									
1980 1990	1981 WEST									
1980 1990	1981 WEST									
1980 1990 WEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 WEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 WEST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 WEST 2000	1981 WEST 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

No.

Name

Label

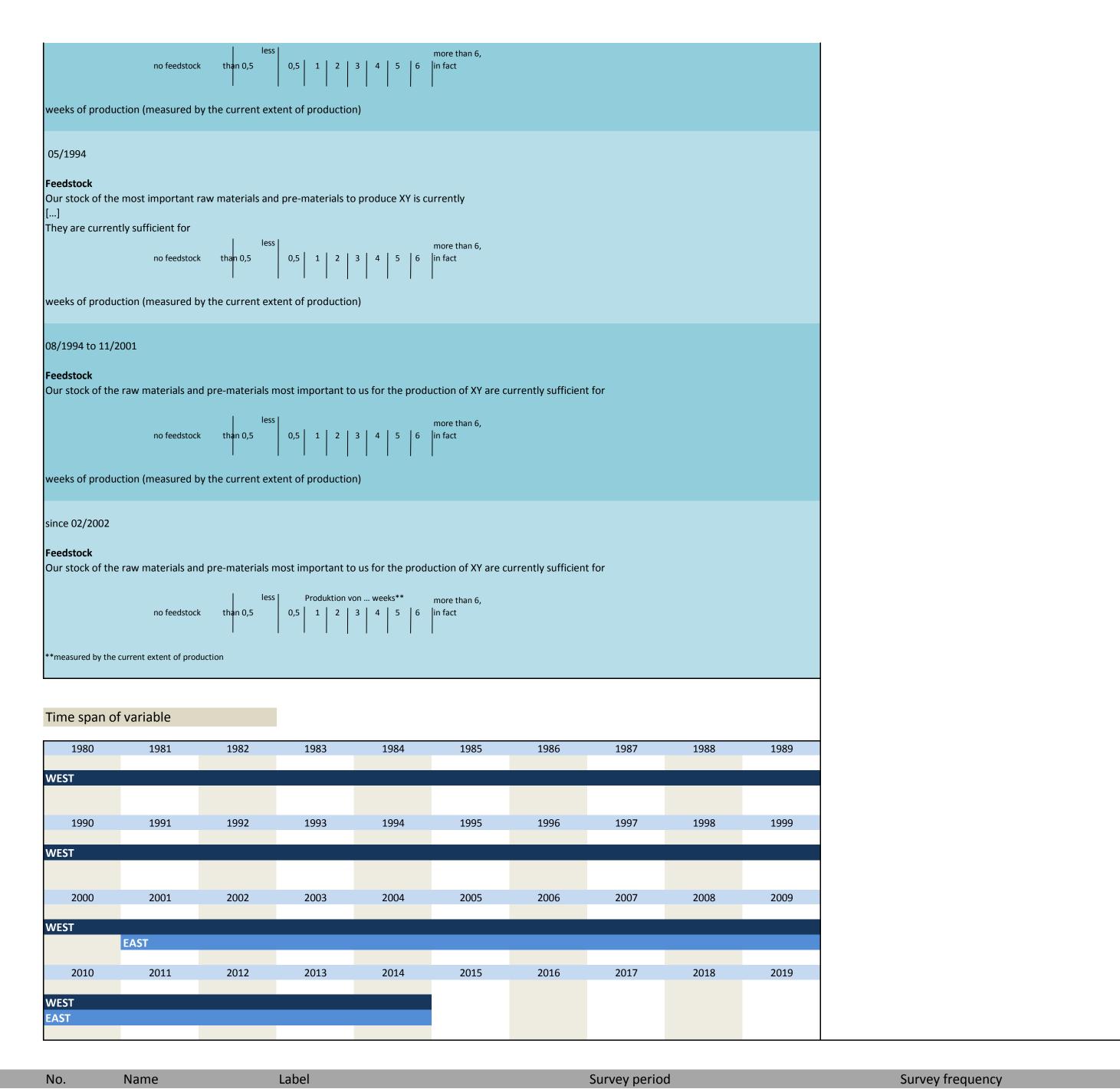
Survey period



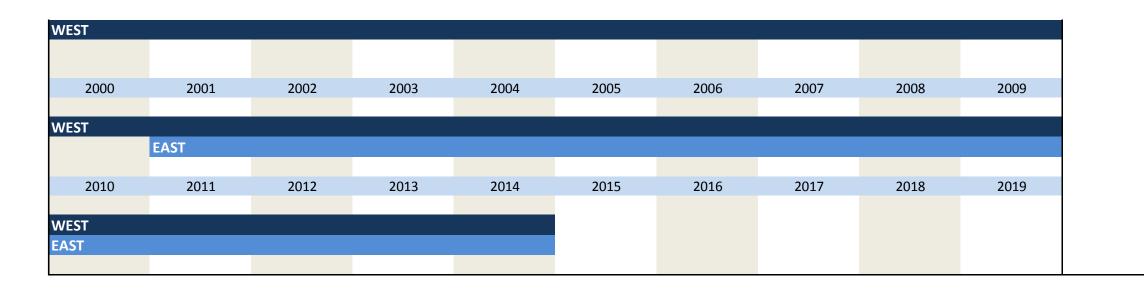
lo.	Name		Label				Survey perio	d		Survey frequency
35)	vg_diffsup2		difficulties of sup	pply			West 08/198	1 to 02/1993		Feb, May, Aug, Nov
Vording of o	question									
nce 08/1981										Further information
eedstock										Difficulties of supply
	e most important r	aw materials an	d pre-materials to	produce XY is cu	urrently					Not inquired in November 1981
relatively low	r:									
ne feedstock b	pecame scarce due	to								
			difficulties of sup	oply [1]						
ime span o	f variable									
ime span o	f variable	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983 1993	1984	1985 1995	1986 1996	1987 1997	1988	1989 1999	
1980	1981 WEST									
1980 1990 /EST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990	1981 WEST									
1980 1990 /EST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 /EST	1981 WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 /EST 2000	1981 WEST 1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

No.	Name		Label				Survey perio	a		Survey frequency
3.36)	vg_strength		strengthening				West 08/198	31 to 02/1993		Feb, May, Aug, Nov
Wording of o	question									
since 08/1981										Further information
										strengthened production
Feedstock Our stock of the []	e most important i	raw materials a	nd pre-materials to	o produce XY is co	urrently					Not inquired in November 1981
if relatively low	<i>r</i> :									
The feedstock b	ecame scarce due	e to								
			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	
WEST										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2042	2011	2012	2012	2011	2015	2015	2017	2010	2012	
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
	<u> </u>		East 02/2001 - 11/2014	Feb, May, Aug, Nov
Wording of	of question			· -
				Further information
02/2001 to 1	11/2001			Turther information
				Feedstock in weeks
No question	naires for the East available			manning in datasets
				meaning in dataset: "no feedstock" = 0 weeks
02/1980 to 0	08/1981			"less than 1/2" = 0,3 weeks
F d				"more than 6, in fact", but just ticked
Feedstock Our feedstock	ck is currently sufficient for			= 8 weeks
Cui recusto	on is carrenally summine no re-			
		less than	6,	
weeks of pro	oduction (measured by the	current extent of production)		
11/1981 to 0	02/1994			
Feedstock				
	the raw materials and pre-	materials most important to us are currently sufficient	t for	



			oei						Survey frequency
3.38)	vg_stinwe	stor	ck of inventorie	es in weeks			West 02/1980 - 11	1/2014	Feb, May, Aug, Nov
.50,	-8_s	5130		es in weeks			East 02/2001 - 11		Feb, May, Aug, Nov
Vording of q	question							, === :	. 6.2,
2/2001 to 11/20	001								Further information
									Stock of inventories in weeks in weeks
No questionnaire	es for the East ava	ilable							* 08/1980
									"no stock of inventories" = 0 weeks
02/1980 to 08/19	981								"less than 1/2" = 0,3 weeks
Stock of inventor	ries								"more than 6, in fact", but just ticked = 8 weeks
Our stock of unso	old finished goods	of XY currently equa	ates to						
		lace than		·	nore than 6,				
		0,5 0,	5 1 2 3	r 4 5 6 ii	ı fact				
weeks of produc	ction (measured by	the current extent	of production)						
11/1981 to 11/20	001								
Stock of invest	rios								
Stock of inventor Our stock of unso		of XY currently equa	ates to						
	no inventorie	less 0.5	.5 1 2 3	r 4 5 6 ii	nore than 6, n fact				
		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
weeks of produc	tion (measured by	the current extent	of production)						
weeks of product	ction (measured by	the carrent extent	or production,						
since 02/2002									
since 02/2002									
Stock of invento		of VV supportly say							
Stock of inventor		of XY currently equa	ates to a						
Stock of inventor	old finished goods	less	production of		nore than 6,				
since 02/2002 Stock of inventor Our stock of unso	old finished goods		production of		nore than 6, 1 fact				
Stock of inventor	old finished goods no inventorie	less 0,5 0,	production of		nore than 6, 1 fact				
Stock of inventor Our stock of unso	old finished goods	less 0,5 0,	production of		nore than 6, 1 fact				
Stock of inventor Our stock of unso	old finished goods no inventorie	less 0,5 0,	production of		nore than 6, n fact				
Stock of inventor Our stock of unso	no inventories	less 0,5 0,	production of		nore than 6, n fact				
Stock of inventor Our stock of unso	no inventories	less 0,5 0,	production of		nore than 6, n fact				
Stock of inventor Our stock of unso	no inventories	less 0,5 0,	production of		nore than 6, n fact 1985	1986	1987	1988 1989	
Stock of inventor Our stock of unso **measured by the co Time span of 1980	no inventories	s than 0,5 0,	production of	4 5 6 i	n fact	1986	1987	1988 1989	
Stock of inventor Our stock of unso **measured by the co Time span of 1980	no inventories	s than 0,5 0,	production of	4 5 6 i	n fact	1986	1987	1988 1989	
Stock of inventor Our stock of unso **measured by the co	no inventories	s than 0,5 0,	production of	4 5 6 i	n fact	1986		1988 1989 1998 1999	

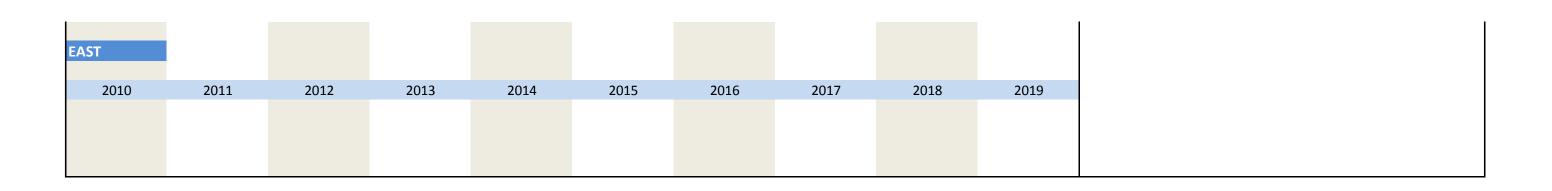


No. Nam	e	Label				Survey perio	d		Survey frequency
3.39) vg_e Wording of question	mppro2 on	employees in pro	duction			East 01/1991	0 to 10/2001 to 06/2001 st since 11/2001		annual survey* monthly survey annual survey**
01/1991 to 11/2001									Further information
No questionnaires for t	he Fast available								Employees in production for XY
09/1980	employees and workers,st	tate September 19	80) assigned to t	he production of	⁻ XY				* annual survey 1980: inquiry in September 1981 - 2000: inquiry in October 1994: no inquiry ** annual survey in November
		about		persons					Note West:
									The data is only inquired annually but appears in the datasets monthly.
10/1981 to 10/1997									This is due to the fact, that every month the data of the annual survey is transferred manually.
Number of employees State: End of [month] [v	/ear]***								The data of the current survey is normally transferred 2-3 months after the survey
	in the whole company (do		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 employees									***West 10/1995 to 10/1997
We occupy [] persons	in the whole company (do		only). p	ersons					Month and year of the previous reporting interval 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 employees									
	in the whole company (do		only). po mations by share						
Time span of varia	ble								
	981 1982	1983	1984	1985	1986	1987	1988	1989	
WEST									
	991 1992	1993	1994	1995	1996	1997	1998	1999	
WEST EAST									
2000 2	2001 2002	2003	2004	2005	2006	2007	2008	2009	
WEST									
	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST									

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

Wording of question

1991 to 12/	/2000									Further information
e are no q	uestionnaires for th	e East available.	The following wo	ording is taken fro	om previous lists	of variables				Increase of employees for the production of XY in 9
.991 to 12/	/2000									
	et 3 months the num ards - therefor by eli				XY will []					
			increase by abou	t%						
	of variable									
ne span c	of variable	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									



No.

Name

EAST

2001

2011

2002

2012

2003

2013

Label

2004

2014

2005

2015

2006

2016

2007

2017

2008

2018

2009

2019

2000

2010

EAST

No.

Name

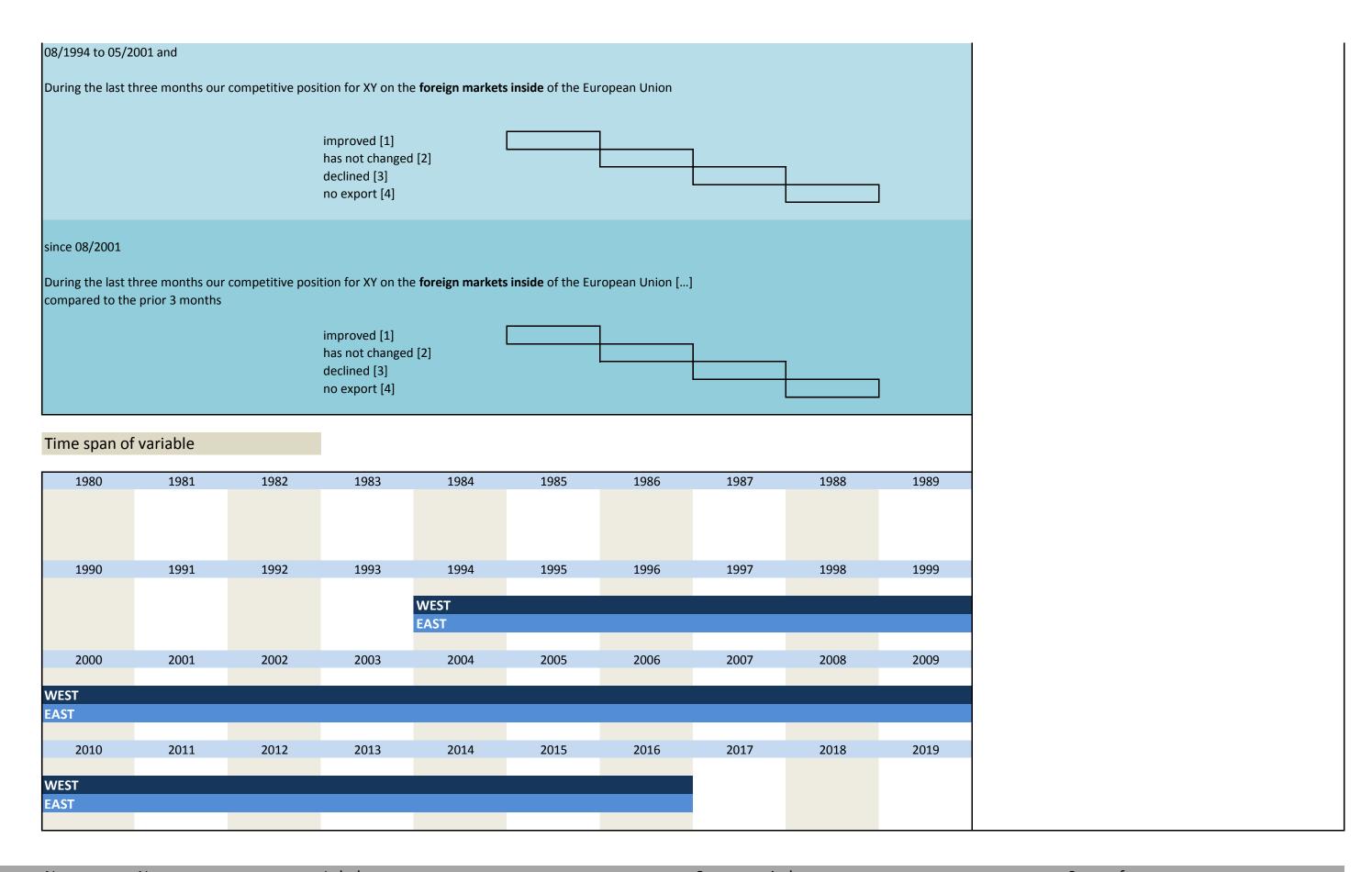
Label

Survey frequency

41)	vg_empldec		decrease of emp	loyees in %			East 01/1991 to	o 12/2000		monthly survey
ording of o	question									
/1991 to 12/2	2000									Further information
	estionnaires for th	ne Fast available	The following wo	rding is taken fro	om nrevious lists (of variables				Decrease of employees for the production in %
ere are no qu	estionnum es for tr	te Last available.	The following wo	Tanib is taken in	on previous lists	or variables				
/1991 to 12/2	000									
ıring the nevt	3 months the nun	nher of employe	es assigned to the	production of	/V will []					
					VI WIII []					
	ds - therefor by el				VI WIII []					
		iminating purely		ons						
		iminating purely	seasonal fluctuati	ons						
	ds - therefor by el	iminating purely	seasonal fluctuati	ons						
cyclical regard	ds - therefor by el	iminating purely	seasonal fluctuati	ons		1986	1987	1988	1989	
cyclical regard	ds - therefor by el	iminating purely	seasonal fluctuati	ons ut%		1986	1987	1988	1989	
cyclical regard	ds - therefor by el	iminating purely	seasonal fluctuati	ons ut%		1986	1987	1988	1989	

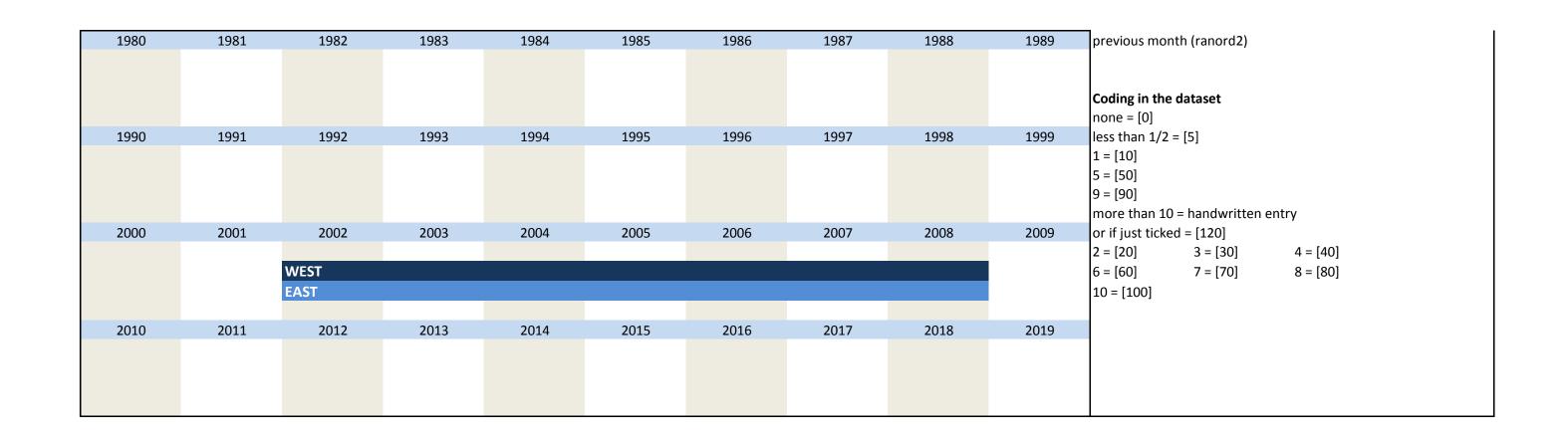
	Name		Label				Survey period	u		Survey frequency
.42) Vording of	vg_comppos f question	1	national compet	titive position				st 08/1994 to 11/2 st since 01/2002	2001	Feb, May, Aug, Nov Jan, Apr, Jul, Oct
	(2000)								F	urther information
8/1994 to 11									N	lational competitive position
o questionna	aires for the East av	railable								
8/1994 to 05	/2001 and									
uring the las	t 3 months our com	npetitive position	n for XY on the do	mestic market						
			improved [1] has not changed	i [2]			<u> </u>			
			declined [3]							
nce 08/2001										
	t 3 months our com									
uring the last		ipetitive positior	n for XY on the do	mestic market [.]					
	the 3 prior months.		n for XY on the do	mestic market [.]					
			improved [1]		.]		7			
					.]]			
ompared to t	the 3 prior months.		improved [1] has not changed		.]					
ime span	of variable		improved [1] has not changed declined [3]	i [2]						
ompared to t	the 3 prior months.		improved [1] has not changed		1985	1986	1987	1988	1989	
ime span	of variable		improved [1] has not changed declined [3]	i [2]		1986	1987	1988	1989	
ime span	of variable 1981	1982	improved [1] has not changed declined [3]	1984	1985					
ime span	of variable		improved [1] has not changed declined [3]	1984 1994		1986	1987		1989	
ime span	of variable 1981	1982	improved [1] has not changed declined [3]	1984	1985					
ime span	of variable 1981	1982	improved [1] has not changed declined [3]	1984 1994 WEST	1985			1998		
ime span (1980) 1990 2000	of variable 1981 1991	1982	improved [1] has not changed declined [3]	1984 1994 WEST EAST	1985	1996	1997	1998	1999	
ime span (1980) 1990 2000 VEST	of variable 1981 1991 2001	1982	improved [1] has not changed declined [3] 1983 2003	1984 1994 WEST EAST	1985	1996 2006	1997 2007	2008	2009	
ime span (1980) 1990 2000	of variable 1981 1991	1982	improved [1] has not changed declined [3]	1984 1994 WEST EAST	1985	1996	1997	2008	1999	
ime span (1980) 1990 2000 VEST	of variable 1981 1991 2001	1982	improved [1] has not changed declined [3] 1983 2003	1984 1994 WEST EAST	1985	1996 2006	1997 2007	2008	2009	

Survey period



No. I	Name		Label				Survey perio	d		Survey frequency
3.44) Wording of qu	vg_comppos3 uestion		competitive posit	tion abroad				st 08/1994 to : st since 01/20		Feb, May, Aug, Nov Jan, Apr, Jul, Oct
										Further information
08/1994 to 11/20	01 s for the East avai	lable								Competitive position abroad
08/1994 to 05/20	01 and									
During the last th	ree months our co	ompetitive pos	sition for XY on the	foreign market	ts outside of the E	uropean Union				
			improved [1] has not changed declined [3] no export [4]	[2]						
since 08/2001 During the last thi compared to the I		ompetitive pos	sition for XY on the		t s outside of the E	uropean Union []			
			has not changed declined [3] no export [4]	[2]						
Time span of v	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994 WEST	1995	1996	1997	1998	1999	
				EAST						
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST EAST										Y
	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST	2011	2012	2013	2014	2015	2016	2017	2018	2019	

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			
				Further information
1/2002 to (01/2008			ruttiei illioittiation
				Range of orders in months (end of prev. Month)
	y our range of orders for XY e of previous month they reache	equates to a production duration up to about [] months ed		Note
	· ·			Due to the alignment of economic cycle surveys
	no	up to about month(s) for more than 10, please		inside of the EU the wording of the questions was
	orders 1/2 1	2 3 4 5 6 7 8 9 10 state number of months		adapted to the survey periods of the countries. This would have caused the questions regarding the range of orders
	"			to be shifted by about one month.
				That is why the question regarding the range of orders
				was posed twice since the first quarter of 2002,
Time spai	n of variable			with the distinction that it is inquired after the
				running month (ranord) and the



Survey frequency

No.

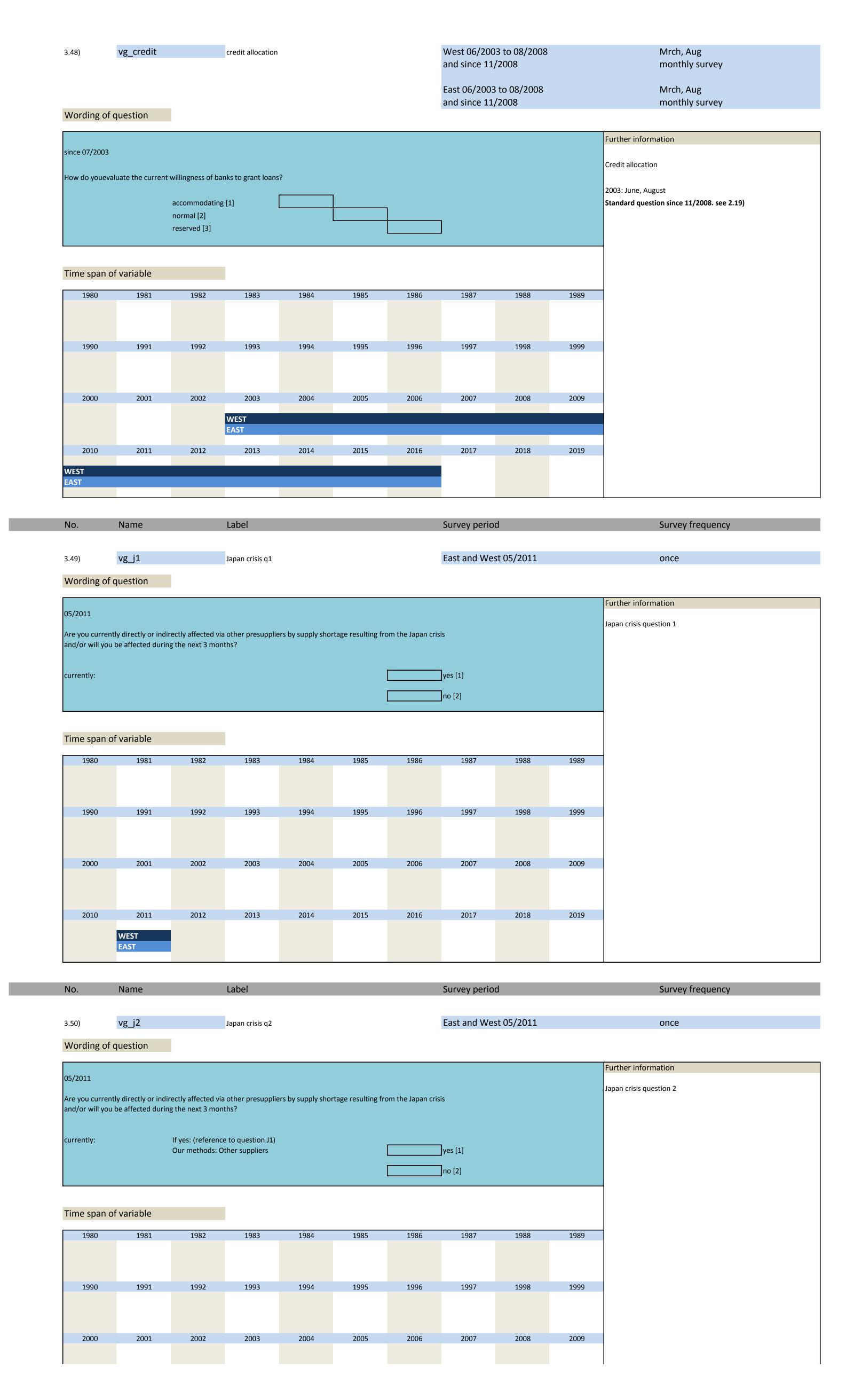
Name

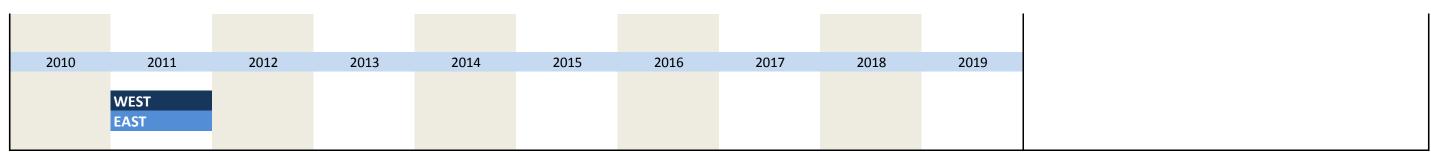
Label

3.46)	vg_uticappo	c 2	capacity utilization	on in % (end of pr	ev. month)		East and Wes	st 01/2002 to	01/2008	Jan, Apr, Jul, Oct
Wording of	question									
	•									Further information
01/2002 to 01/	/2008									
No questionna	ires for the East a	available								Capacity utilization in % (end of prev. Month)
01/2002 to 01/		n of our plant to pr	oduce XY (custom	ary full capacity	utilization = 100%	%) is up to []%				Coding in the dataset Number above the ticked box more than 100 % = handwritten entry or if just ticked = [120]
	s month it was up				han 100%					
		30 40 50 60 70	0 75 80 85 90							
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
4000	1001	4000	4000	1001	400-	1000	400=	1000	4000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
		WEST								
		EAST					_			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
										•
No.	Name		Label				Survey perio	d		Survey frequency

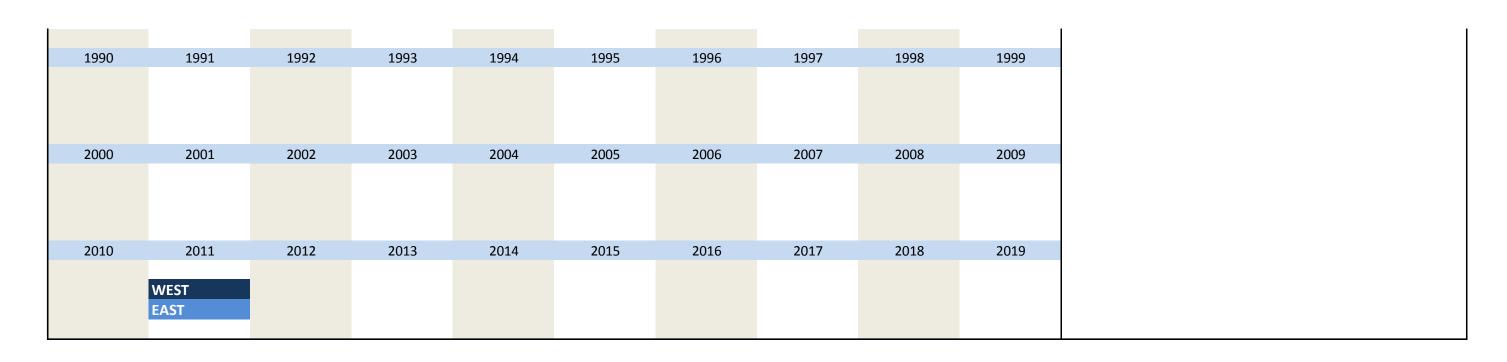
	Name		Label				Survey period	d		Survey frequency
.47) Vording of c	vg_emppro		employees				West 01/199 East 01/1991 East and Wes)1	annual survey* monthly survey annual survey**
1/1991 to 11/2	2001									Further information
	res for the East ava	ailahle								persons occupied in the company
0/1991 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
	nloyees mpany (domestic d	companies only)		n	orcons					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
n the whole cor	mpany (domestic o	companies only)		pı	ersons					variable emppro contains the value of the survey from November 2001. Since January 2003 the variable emppro contains the value of the survey from
n the whole cor	mpany (domestic o					1986	1987	1988	1989	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 ***West 01/1994 to 10/1997 month and year of the previous reporting interval Example 10/1995:
n the whole cor	mpany (domestic o	tompanies only)		p	ersons 1985	1986	1987	1988	1989	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 ***West 01/1994 to 10/1997 month and year of the previous reporting interval
Гime span of	mpany (domestic o					1986	1987	1988	1989	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 ***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
Fime span of	f variable	1982	1983	1984	1985					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 ***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
Fime span of	f variable 1981 1991 WEST	1982	1983	1984	1985					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 ***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
Fime span of 1980	f variable 1981 1991 WEST EAST	1982	1983	1984	1985 1995	1996	1997	1998	1999	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 ***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
Fime span of 1980 1990 2000	f variable 1981 1991 WEST EAST	1982	1983	1984	1985 1995	1996	1997	1998	1999	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 ***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





3.51)							Survey period			Survey frequency
•	vg_j3		Japan crisis q3				East and Wes	t 05/2011		once
Wording of										
										Further information
05/2011	tly directly or indi	rectly affected via	other presupplie	ers by supply sho	rtago rosulting fro	om the lanan cris	ic			Japan crisis question 3
		g the next 3 mont		is by supply silo	rtage resulting ire	om the Japan this	113			
currently:		If yes: (reference					_			
		Our methods: red	duction of produ	ction]yes [1]			
							no [2]			
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1930	1991	1332	1333	1334	1939	1330	1997	1336	1333	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
	WEST EAST									
No.	Name		Label				Survey period	ł		Survey frequency
3.52)	vg_j4		Japan crisis q4				East and Wes	t 05/2011		once
Wording of			заран снэю ч г				Zust und 1765			onec -
	90.000.011									Further information
Are you current		rectly affected via o		ers by supply sho	rtage resulting fro	om the Japan cris	iis			Japan crisis question 4
Are you current and/or will you	be affected durin			rs by supply sho	rtage resulting fro	om the Japan cris	is]yes [1]			
Are you current and/or will you	be affected durin			ers by supply sho	rtage resulting fro	om the Japan cris				
Are you current and/or will you During the next	be affected durin			rs by supply sho	rtage resulting fro	om the Japan cris]yes [1]			
Are you current and/or will you During the next	be affected durin			rs by supply sho	rtage resulting fro	om the Japan cris]yes [1]	1988	1989	
Are you current and/or will you During the next	be affected durin	g the next 3 mont	hs?]yes [1]]no [2]	1988	1989	
Are you current and/or will you During the next	be affected durin	g the next 3 mont	hs?]yes [1]]no [2]	1988	1989	
Are you current and/or will you During the next Time span o	be affected during the affected during the second s	g the next 3 month	hs? 1983	1984	1985	1986]yes [1]]no [2] 1987			
Are you current and/or will you During the next Time span o	be affected during the affected during the second s	g the next 3 month	hs? 1983	1984	1985	1986]yes [1]]no [2] 1987			
Are you current and/or will you During the next	of variable 1981 1991	1982 1992	1983 1993	1984	1985	1986]yes [1]]no [2] 1987 1997	1998	1999	
Are you current and/or will you During the next 1980	of variable 1981 2001	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986 1996 2006]yes [1]]no [2] 1987 1997 2007	1998 2008	1999 2009	
Time span o	of variable 1981 1991	1982 1992	1983 1993	1984	1985	1986]yes [1]]no [2] 1987 1997	1998	1999	
Are you current and/or will you During the next 1980	of variable 1981 1991 2001	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986 1996 2006]yes [1]]no [2] 1987 1997 2007	1998 2008	1999 2009	
Are you current and/or will you During the next 1980 1990 2000	of variable 1981 2001 WEST EAST	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986 1996 2006	yes [1] no [2] 1987 1997 2007	1998 2008 2018	1999 2009	Japan crisis question 4
Are you current and/or will you During the next 1980	be affected during the state of variable 1981 1991 2001 2011 WEST	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986 1996 2006]yes [1]]no [2] 1987 1997 2007	1998 2008 2018	1999 2009	
Are you current and/or will you During the next 1980 1990 2000	of variable 1981 2001 WEST EAST	1982 1992 2002	1983 1993 2003	1984	1985 1995 2005	1986 1996 2006	yes [1] no [2] 1987 1997 2007	2008	1999 2009	Japan crisis question 4
Are you current and/or will you During the next 1980 1990 2000 No.	of variable 1981 2001 2011 WEST EAST Name	1982 1992 2002	1983 1993 2003 Label	1984	1985 1995 2005	1986 1996 2006]yes [1]]no [2] 1987 1997 2007 2017 Survey period	2008	1999 2009	Survey frequency
Are you current and/or will you During the next 1980 1990 2000 No.	of variable 1981 2001 2011 WEST EAST Name	1982 1992 2002	1983 1993 2003 Label	1984	1985 1995 2005	1986 1996 2006]yes [1]]no [2] 1987 1997 2007 2017 Survey period	2008	1999 2009	Survey frequency Once Further information
Are you current and/or will you During the next 1980 1980 2000 2010 No. 3.53) Wording of Mare you current and you curren	of variable 1981 2001 2011 WEST EAST Name vg_j5 question	1982 1992 2002	1983 1993 2003 2013 Label Japan crisis q5	1984 1994 2004	1985 1995 2005	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey period East and Wes	2008	1999 2009	Survey frequency once
Are you current and/or will you During the next 1980 1980 2000 2010 No. 3.53) Wording of Mare you current and you curren	of variable 1981 2001 2011 WEST EAST Name vg_j5 question	1982 1992 2002	1983 1993 2003 2013 Label Japan crisis q5	1984 1994 2004	1985 1995 2005	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey period East and Wes	2008	1999 2009	Survey frequency Once Further information
Are you current and/or will you During the next 1980 1980 2000 2010 No. 3.53) Wording of Mare you current and you curren	of variable 1981 2001 2011 WEST EAST Name vg_j5 question	1982 1992 2002 2012 If yes: (reference	1983 1993 2003 2013 Label Japan crisis q5 other presupplie hs? to question J1)	1984 1994 2004	1985 1995 2005	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey period East and Wes	2008	1999 2009	Survey frequency Once Further information
Are you current and/or will you During the next 1980 1980 2000 2010 2010 Are you current and/or will you and/or will you	of variable 1981 2001 2011 WEST EAST Name vg_j5 question	1982 1992 2002 rectly affected via og the next 3 month	1983 1993 2003 2013 Label Japan crisis q5 other presupplie hs? to question J1)	1984 1994 2004	1985 1995 2005	1986 1996 2006	yes [1] no [2] 1987 1997 2007 2017 Survey period East and Wes	2008	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									
	- question									
05/2011										Further information
Are you curre	ently directly or inc	lirectly affected via	a other presupplie	rs hy sunnly sha	rtage resulting fro	om the Ianan cris	ic			Japan crisis question 6
	ou be affected dur			is by supply silo	rtage resulting in	oni the Japan Chis	13			
During the ne	ext 3 months:		e to question J1) eduction of produc	ction			yes [1]			
		Our methous. It	eduction of produc	Clion						
							no [2]			
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1300	1301	1302	1303	1301	1303	1300	1307	1300	1303	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1550	1331	1332	1333	1994	1555	1330	1337	1338	1555	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2003	2000	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010		2012	2013	2014	2013	2010	2017	2018	2019	
	WEST									
	EAST									

No.

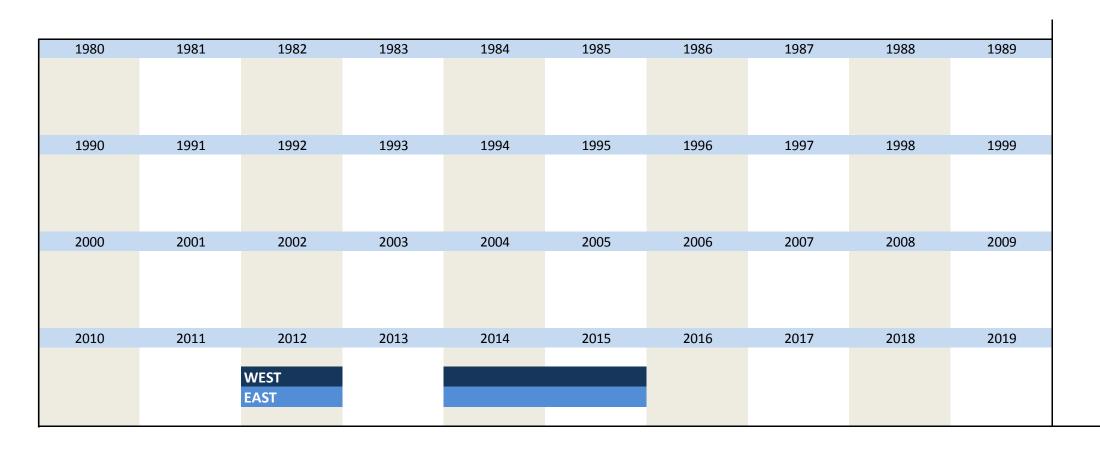
Name

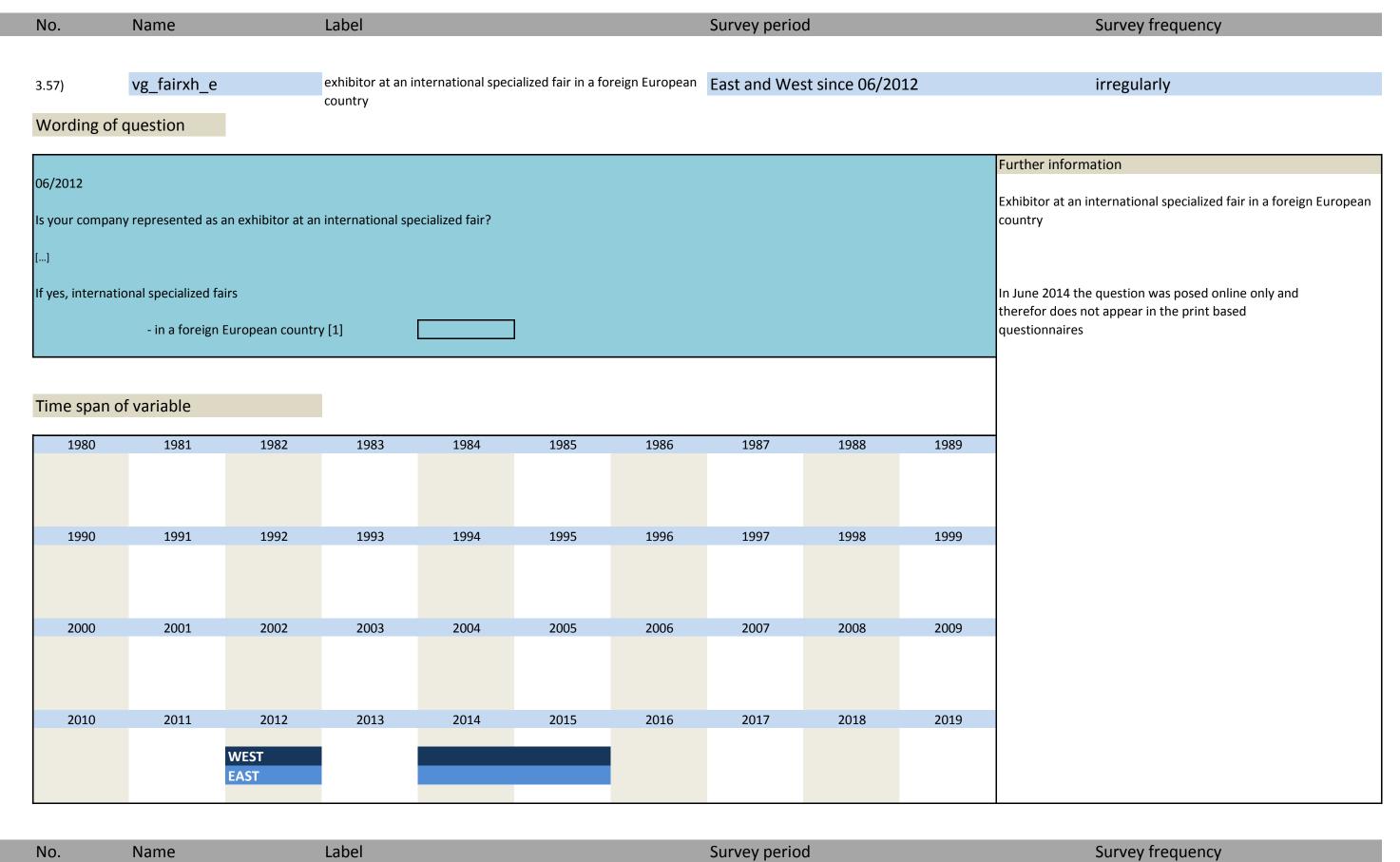
Label

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
	roprosented as	an exhibitor at an	international cod	cialized fair?						Exhibitor at an international specialized fair
your company	y represented as	an exhibitor at an	international spe	cializeu iaii :						
	yes [1]			no [2]						In June 2014 the question was posed online only and
										therefor does not appear in the print based questionnaires
ime 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	1333	1334	1333	1990	1337	1338	1333	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								

Survey period

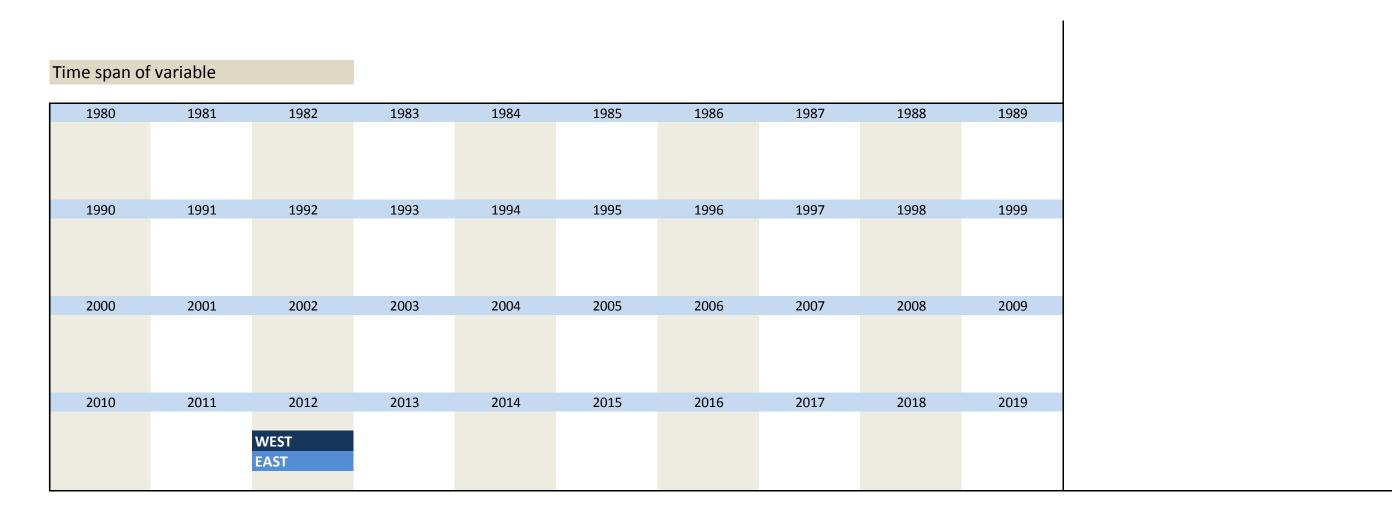
No.	Name	Label	Survey period	Survey frequency
3.56)	vg_fairxh_g	exhibitor at an international specialized fair in Germany	East and West since 06/2012	irregularly
Wording	g of question			
				Further information
06/2012				Exhibitor at an international specialized fair in Germany
ls your com	npany represented as an exhi	bitor at an international specialized fair?		
[]				
If yes, inter	rnational specialized fairs			In June 2014 the question was posed online only and
	- in Germany [1]			therefor does not appear in the print based questionnaires
Time spa	an of variable			





0.	Mairie		Label				Survey perio	u		Survey frequency
58)	vg_fairxh_r	ne		nternational spec	ialized fair in a co	untry outside	East and We	st since 06/20:	12	irregularly
Vording of o	question		Europe							
12042										Further information
5/2012										Exhibitor at an international specialized fair in a country outs
your company	y represented as	s an exhibitor at ar	n international sp	ecialized fair?						Europe
]										
yes, internatio	onal specialized	fairs								In June 2014 the question was posed online only and
			no [1]							therefor does not appear in the print based
	- in a countr	ry outside of Europ	9e [1]							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	2003	2004	2005	2006	2007	2008	2009	
							2047	2018	2010	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011		2013	2014	2015	2016	2017	2016	2019	
2010	2011	2012 WEST EAST	2013	2014	2015	2016	2017	2016	2019	

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 o	f question			
06/2012				Further information
Will your com	pany be represented as an ex	khibitor at an international specialized fair during the next 2-3 years?		Exhibitor at an international specialized fair during the next 2-3 years
will your com				



No.	Name		Label				Survey perio	d		Survey frequency
3.60)	vg_fairxhex	ιp_g		nternational spec	ialized fair in Geri	many during	East and Wes	st 06/2012		once
Wording of	auastian		next 2-3 years							
wording or t	question									
06/2012										Further information
										Exhibitor at an international specialized fair in Germany during th
Will your compa	any be represen	ted as an exhibitor	at an internatior	nal specialized fair	during the next ?	2-3 years?				next 2-3 years
[]										
If yes, internation	onal specialized	fairs								
	- in German	v [1]			1					
	iii German	y [±]								
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1300	1501	1302	1303	1304	1303	1300	1507	1900	1303	
4000	4004	4002	4002	1004	4005	4006	4007	4000	4000	
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								
										<u> </u>

0.	Name		Label				Survey perio	d		Survey frequency
61)	vg_fairxhexp	_e	exhibitor at an ir country during n		ialized fair in a for	reign European	East and We	st 06/2012		once
Vording of	question		, , , , , , , , , , , , , , , , , , ,	, ,						
5/2012										Further information
	any he renresente	d as an eyhihito	r at an internation	al specialized fair	· during the next 1	2-3 vears?				Exhibitor at an international specialized fair in a foreign Europea country during the next 2-3 years
	any be represente	u as all Exhibito	at all liller liation	ai specializeu tali	during the next 2	2-3 years:				country during the next 2-3 years
]	anal specialized fai	rc.								
yes, internatio	onal specialized fai		m. [1]							
	- in a foreign E	European count	ry [1]							
ime span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988		-
								1900	1989	
								1900	1989	
4000	4004	4002	4003	1004	1005	1005				
1990	1991	1992	1993	1994	1995	1996	1997	1998	1989 1999	
1990	1991	1992	1993	1994	1995	1996				
1990 2000	1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006				
							1997	1998	1999	
							1997	1998	1999	
							1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	1997 2007	1998 2008	1999 2009	

3.62)	vg_fairxhexp_ne	exhibitor at an international specialized fair in a country outside Europe during next 2-3 years	East and West 06/2012	once
Wording of	fquestion			
06/2012				Further information
00/2012				Exhibitor at an international specialized fair in a country outside of

Survey frequency

Label

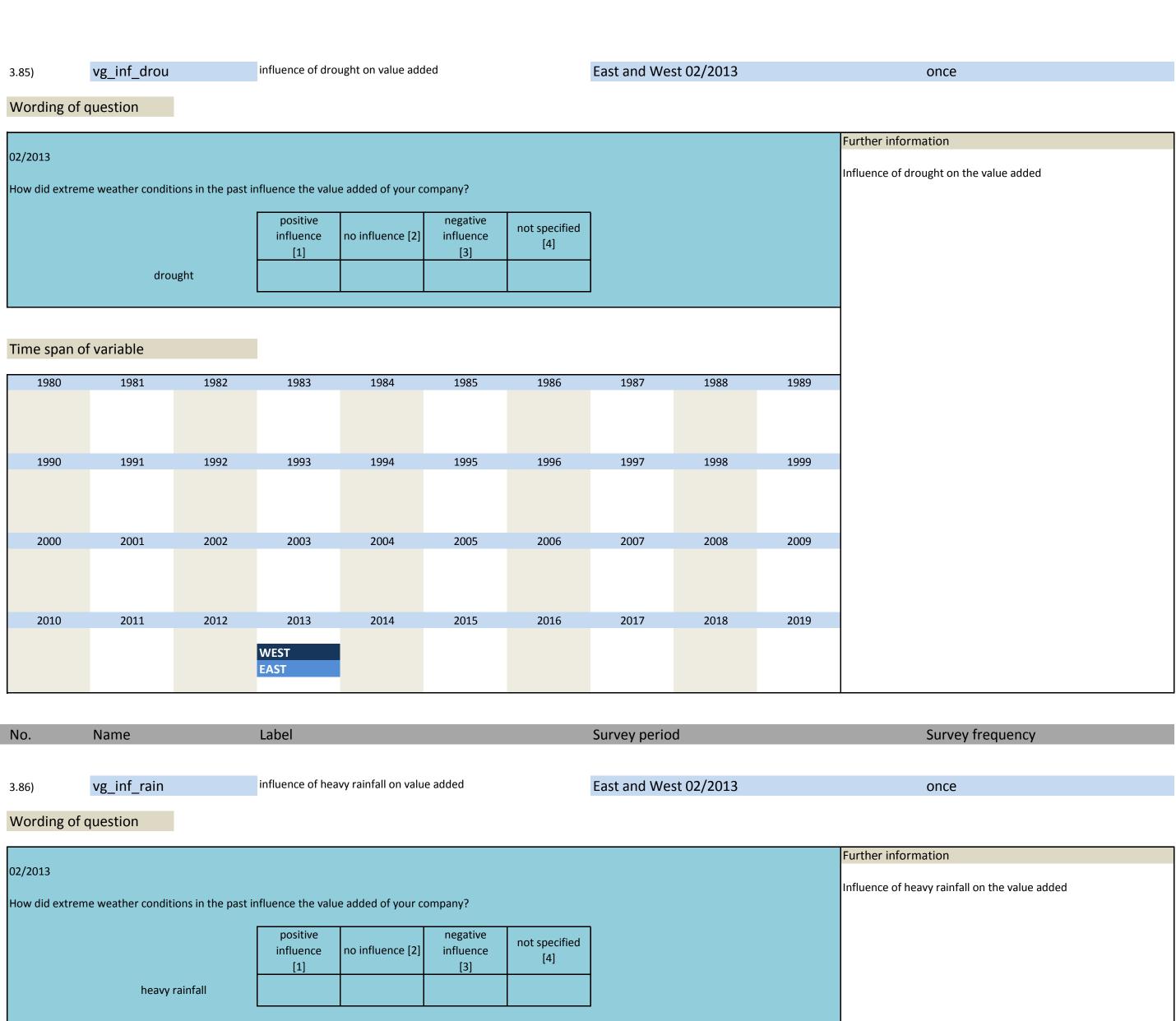
No.

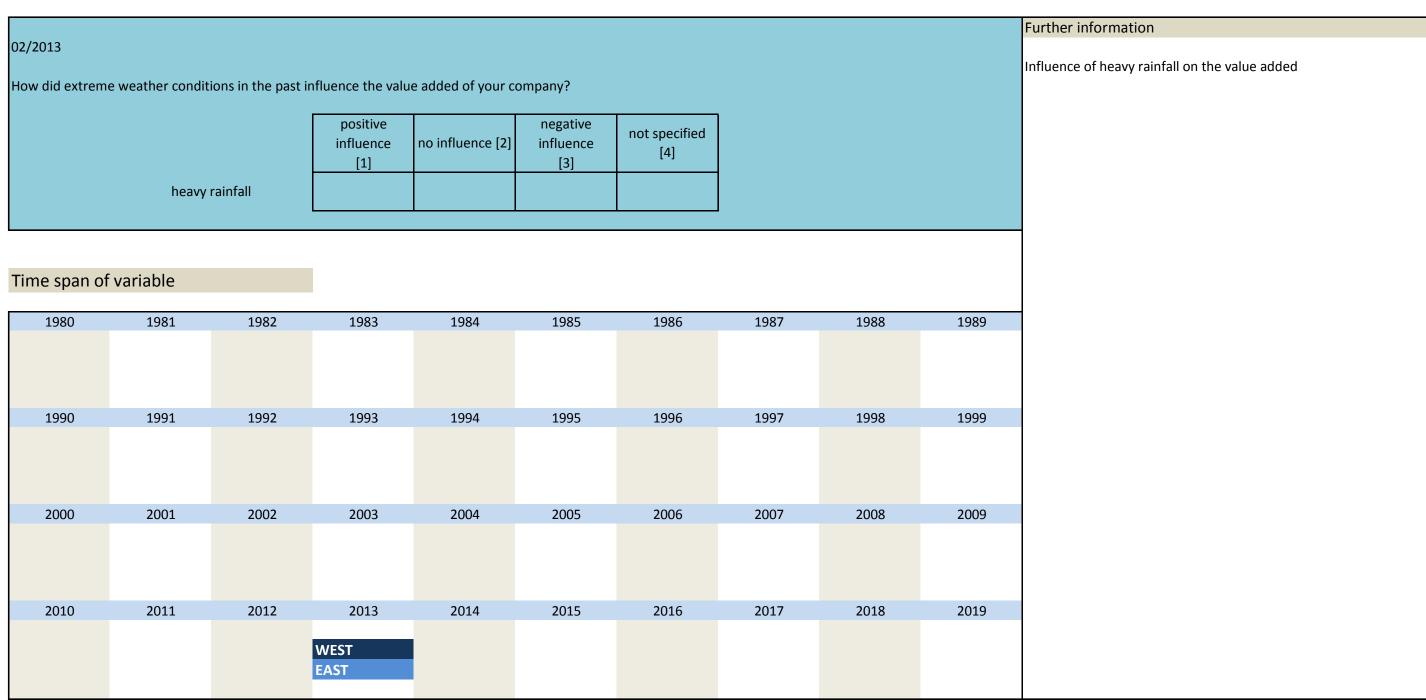
Name

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	e [1]]					
ime span of	variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		WEST EAST								

No.	Name		Label				Survey perio	od		Survey frequency
.83)	vg_inf_heat		influence of hea	twaves on value a	dded		East and We	st 02/2013		once
Wording of	question									
2/2013										Further information
	me weather condit	ions in the nas	t influence the valu	e added of your o	omnany?					Influence of heatwaves on the value added
iow dia extre	me weather condit	ions in the pas	positive		negative		1			
				no influence [2]		not specified [4]				
	heatv	waves			• • •					
ime snan (of variable									
4000	1001	1002	1002	1004	1005	1000	4007	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	1984 1994	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	1992 2002	2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

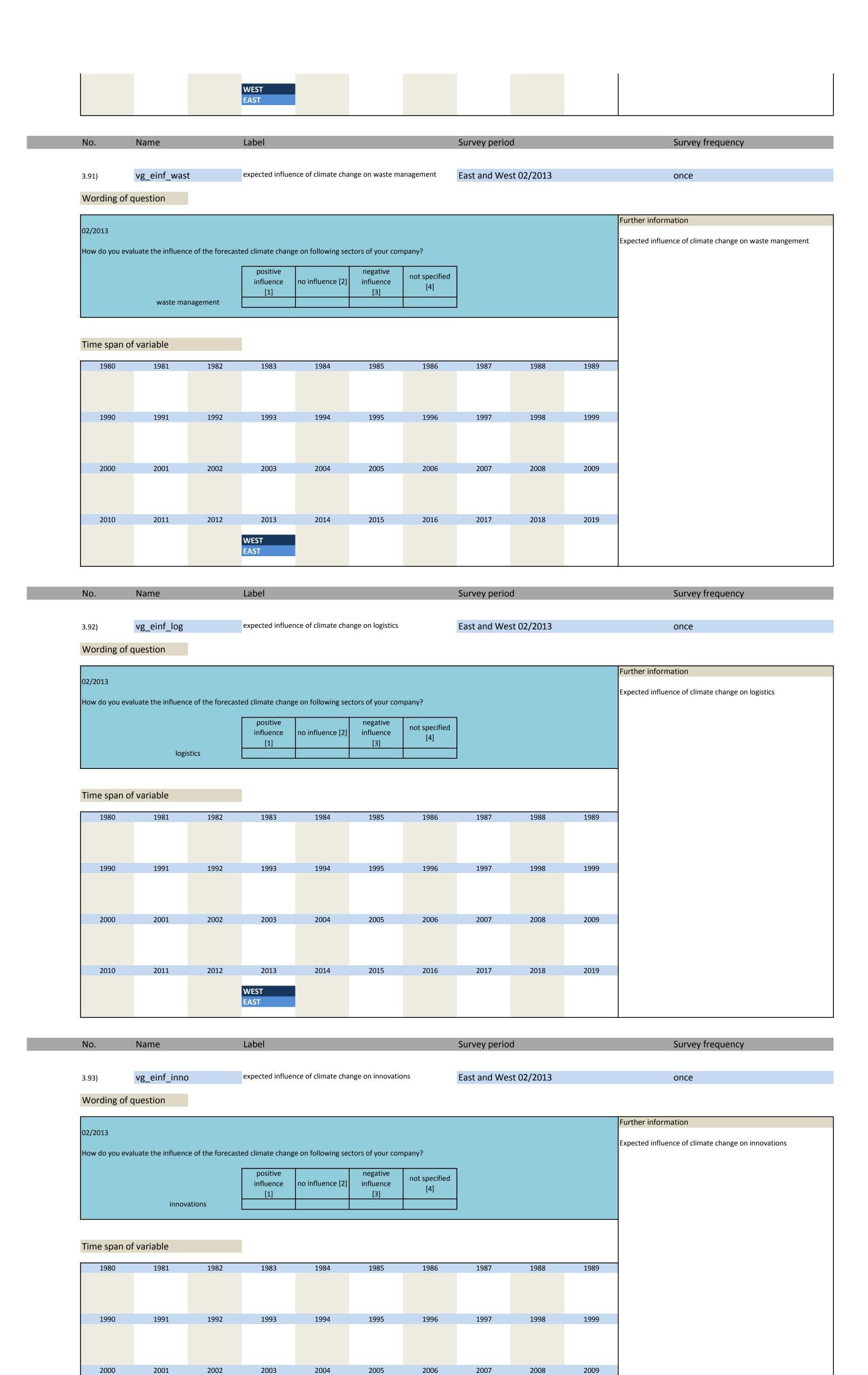
	Name		Label				Survey perio	d		Survey frequency
4)	um inf sald		influence of col	d waves on value a	nddad		Foot or d M.	+ 02/2042		
4)	vg_inf_cold		illinuence of con	u waves on value a	auueu		East and We	St U2/2013		once
ording of	question									
/2013										Further information
										Influence of cold waves (incl. ice and snow) on the value add
w did extrer	me weather condit	ions in the past in	ofluence the valu	ie added of your co	ompany?					
			positive influence [1]	no influence [2]		not specified [4]				
	cold waves (inc	cl. ice and snow)	[1]		[3]					
	•	•								
me span c	of variable									
•										
1000	1001	4000	1000	4004	1005	4006	100=	1000	1000	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980 1990	1981	1982 1992	1983 1993	1984 1994	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	2001	2002	1993 2003 2013	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1990	2001	2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

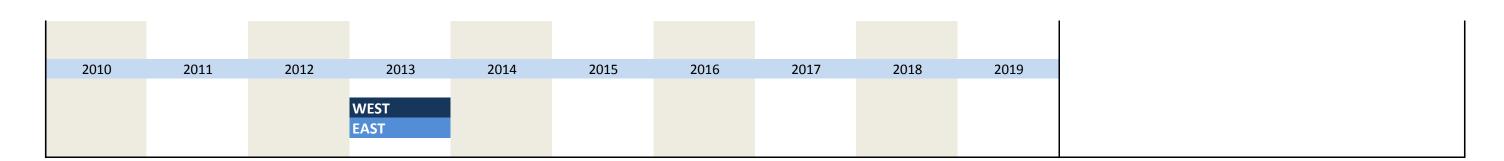




	Name		Label				Survey perio	k		Survey frequency
	:		influence of stor	rms on value adde	.d		Factor d Mare	+ 02/2012		
	vg_inf_storm		illiuence of stor	ilis oli value adde	eu		East and Wes	t 02/2013		once
ording of o	question									
2013										Further information
	ne weather conditi	ons in the past	influence the value	e added of vour co	ompany?					Influence of storms on the value added
			positive	, 	negative					
			influence	no influence [2]	influence	not specified [4]				
			[1]		[3]					
	stor	rms	[1]		[3]					
	stor	rms	[1]		[3]					
		rms	[1]		[3]					
ne span of	stor of variable	rms	[1]		[3]					
ne span of		1982	1983	1984	1985	1986	1987	1988	1989	
	f variable			1984		1986	1987	1988	1989	
1980	f variable	1982	1983		1985					
	f variable			1984		1986	1987	1988	1989	
1980	f variable	1982	1983		1985					
1980 1990	f variable 1981 1991	1982	1983	1994	1985	1996	1997	1998	1999	
1980	f variable	1982	1983		1985					
1980 1990	f variable 1981 1991	1982	1983	1994	1985	1996	1997	1998	1999	
1980 1990	f variable 1981 1991	1982	1983	1994	1985	1996	1997	1998	1999	

lo.	Name		Label				Survey period			Survey frequency
.88)	vg_einf_pur		expected influer	nce of climate char	nge on purchases	S	East and Wes	+ 02/2013		once
	f question							002,2020		
	-									Further information
2/2013										Expected influence of climate change on purchases
low do you ev	valuate the influence	of the forecas		e on following sec		pany?	1			
			positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
	purcha	ases								
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	
2010	2011	2012	WEST	2014	2015	2016	2017	2016	2019	
			EAST							
	•									
lo.	Name		Label				Survey period			Survey frequency
.89)	vg_einf_prod		expected influer	nce of climate char	nge on productio	in	East and Wes	t 02/2013		once
Vording of	fauestion									
	-10.00001									
2/2013	-15.33 (1011									Further information
	valuate the influence	e of the forecas		e on following sec		pany?				Further information Expected influence of climate change on production
		e of the foreca:	positive influence	ge on following sec	negative influence	npany? not specified [4]				
			positive		negative	not specified				
low do you ev	valuate the influence		positive influence		negative influence	not specified				
ime span (valuate the influence produc	ction	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]	1097	1099	1090	
low do you ev	valuate the influence		positive influence		negative influence	not specified	1987	1988	1989	
ime span (valuate the influence produc	ction	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]	1987	1988	1989	
ow do you ev	valuate the influence produc	ction	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]	1987	1988	1989	
ime span o	valuate the influence produce of variable 1981	ction 1982	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
ime span o	valuate the influence produce of variable 1981	ction 1982	positive influence [1]	no influence [2]	negative influence [3]	not specified [4]				
ime span o	of variable 1981	1982 1992	positive influence [1] 1983	1984 1994	negative influence [3]	not specified [4] 1986	1997	1998	1999	
ime span o	of variable 1981	1982 1992	positive influence [1] 1983	1984 1994	negative influence [3]	not specified [4] 1986	1997	1998	1999	
ime span (of variable 1981 2001	1982 1992 2002	positive influence [1] 1983 1993 2003	1984 1994 2004	negative influence [3] 1985 1995	not specified [4] 1986 1996	1997 2007	1998 2008	1999 2009	
ime span (of variable 1981 2001	1982 1992 2002	positive influence [1] 1983 1993 2003	1984 1994 2004	negative influence [3] 1985 1995	not specified [4] 1986 1996	1997 2007	1998 2008	1999 2009	
ime span (of variable 1981 2001	1982 1992 2002	positive influence [1] 1983 1993 2003	1984 1994 2004	negative influence [3] 1985 1995	not specified [4] 1986 1996 2006	1997 2007	1998 2008 2018	1999 2009	
Time span of 1980 1990 2000	of variable 1981 2001 Name	1982 1992 2002	positive influence [1] 1983 1993 2003 WEST EAST Label	1984 1994 2004	negative influence [3] 1985 1995 2005	1986 1996 2006	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	Expected influence of climate change on production
Time span (1980) 1990 2000 2010	of variable 1981 2001 Name vg_einf_sal	1982 1992 2002	positive influence [1] 1983 1993 2003 WEST EAST Label	1984 1994 2004	negative influence [3] 1985 1995 2005	1986 1996 2006	2007	1998 2008 2018	1999 2009	Expected influence of climate change on production
Time span (1980) 1990 2000 2010	of variable 1981 2001 Name	1982 1992 2002	positive influence [1] 1983 1993 2003 WEST EAST Label	1984 1994 2004	negative influence [3] 1985 1995 2005	1986 1996 2006	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	Expected influence of climate change on production Survey frequency once
Time span (1980) 1990 2000 2010	of variable 1981 2001 Name vg_einf_sal	1982 1992 2002	positive influence [1] 1983 1993 2003 WEST EAST Label	1984 1994 2004	negative influence [3] 1985 1995 2005	1986 1996 2006	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	Expected influence of climate change on production
Time span of 1980 1990 2000 2010 Vording of 2/2013	of variable 1981 2001 Name vg_einf_sal	1982 1992 2002	positive influence [1] 1983 1993 2003 2013 WEST EAST Label expected influer	1984 1994 2004 ance of climate char	negative influence [3] 1985 1995 2005 2015 ctors of your com	1986 1996 2006	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	Survey frequency Once Further information
Time span of 1980 1990 2000 2010 Vording of 2/2013	of variable 1981 2001 2011 Name vg_einf_sal f question	1982 1992 2002	positive influence [1] 1983 1993 2003 2013 WEST EAST Label expected influer sted climate change influence	1984 1994 2004 ance of climate char	negative influence [3] 1985 1995 2005 2015 ctors of your com negative influence	not specified [4] 1986 1996 2006 2016	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	Survey frequency Once Further information
Time span of 1980 1990 2000 2010 Vording of 2/2013	of variable 1981 2001 2011 Name vg_einf_sal f question	1982 1992 2002 2012	positive influence [1] 1983 1993 2003 2013 WEST EAST Label expected influer positive	1984 1994 2004 2014 ge on following seconds	negative influence [3] 1985 1995 2005 2015 ctors of your com negative	not specified [4] 1986 1996 2006 2016	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	Survey frequency Once Further information
Time span (1980) 1990 2000 2010 Vording of	of variable 1981 1991 2001 Valuate the influence vg_einf_sal f question	1982 1992 2002 2012	positive influence [1] 1983 1993 2003 2013 WEST EAST Label expected influer sted climate change influence	1984 1994 2004 2014 ge on following seconds	negative influence [3] 1985 1995 2005 2015 ctors of your com negative influence	not specified [4] 1986 1996 2006 2016	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	Survey frequency Once Further information
Time span of 1990 2000 2010 Vording of 2/2013 Iow do you example span of 1990 Time span of 1990	valuate the influence produce of variable 1981 2001 2011 Name vg_einf_sal f question valuate the influence sale of variable	1982 1992 2002 2012	positive influence [1] 1983 1993 2003 2013 WEST EAST Label expected influer positive influence [1]	1984 1994 2004 2014 arce of climate characters on influence [2]	negative influence [3] 1985 1995 2005 2015 ctors of your com negative influence [3]	not specified [4] 1986 1996 2006 2016	2007 2017 Survey period East and West	1998 2008 2018	2009	Survey frequency Once Further information
Time span (1980) 1990 2000 2010 Vording of 2/2013 Iow do you example 1990	of variable 1981 2001 Name vg_einf_sal f question valuate the influence	1982 1992 2002 2012	positive influence [1] 1983 1993 2003 2013 WEST EAST Label expected influer sted climate change influence	1984 1994 2004 2014 ge on following seconds	negative influence [3] 1985 1995 2005 2015 ctors of your com negative influence	not specified [4] 1986 1996 2006 2016	1997 2007 2017 Survey period	1998 2008 2018	1999 2009	Survey frequency Once Further information
Time span of 1990 2000 2010 Vording of 2/2013 Iow do you example span of 1990 Time span of 1990	valuate the influence produce of variable 1981 2001 2011 Name vg_einf_sal f question valuate the influence sale of variable	1982 1992 2002 2012	positive influence [1] 1983 1993 2003 2013 WEST EAST Label expected influer positive influence [1]	1984 1994 2004 2014 arce of climate characters on influence [2]	negative influence [3] 1985 1995 2005 2015 ctors of your com negative influence [3]	not specified [4] 1986 1996 2006 2016	2007 2017 Survey period East and West	1998 2008 2018	2009	Survey frequency Once Further information
Time span of 1990 2000 2010 Vording of 2/2013 Iow do you example span of 1990 Time span of 1990	valuate the influence produce of variable 1981 2001 2011 Name vg_einf_sal f question valuate the influence sale of variable	1982 1992 2002 2012	positive influence [1] 1983 1993 2003 2013 WEST EAST Label expected influer positive influence [1]	1984 1994 2004 2014 arce of climate characters on influence [2]	negative influence [3] 1985 1995 2005 2015 ctors of your com negative influence [3]	not specified [4] 1986 1996 2006 2016	2007 2017 Survey period East and West	1998 2008 2018	2009	Survey frequency Once Further information





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

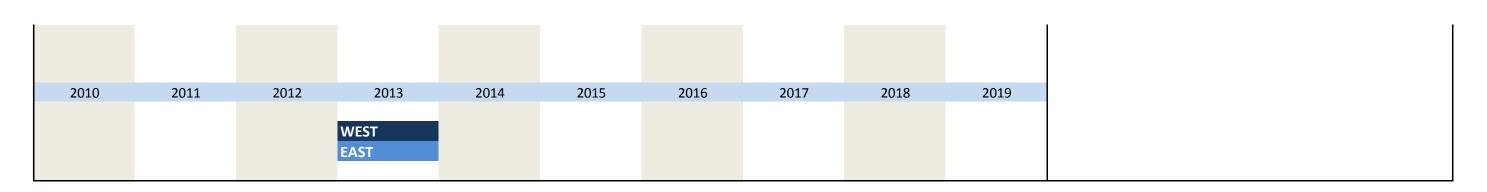
Time span of variable WEST EAST

No.	Name	Label	Survey period	Survey frequency
3.95)	vg_flight_ger	importance of flight connections in Germany	East and West 03/2013	once

Wording of question

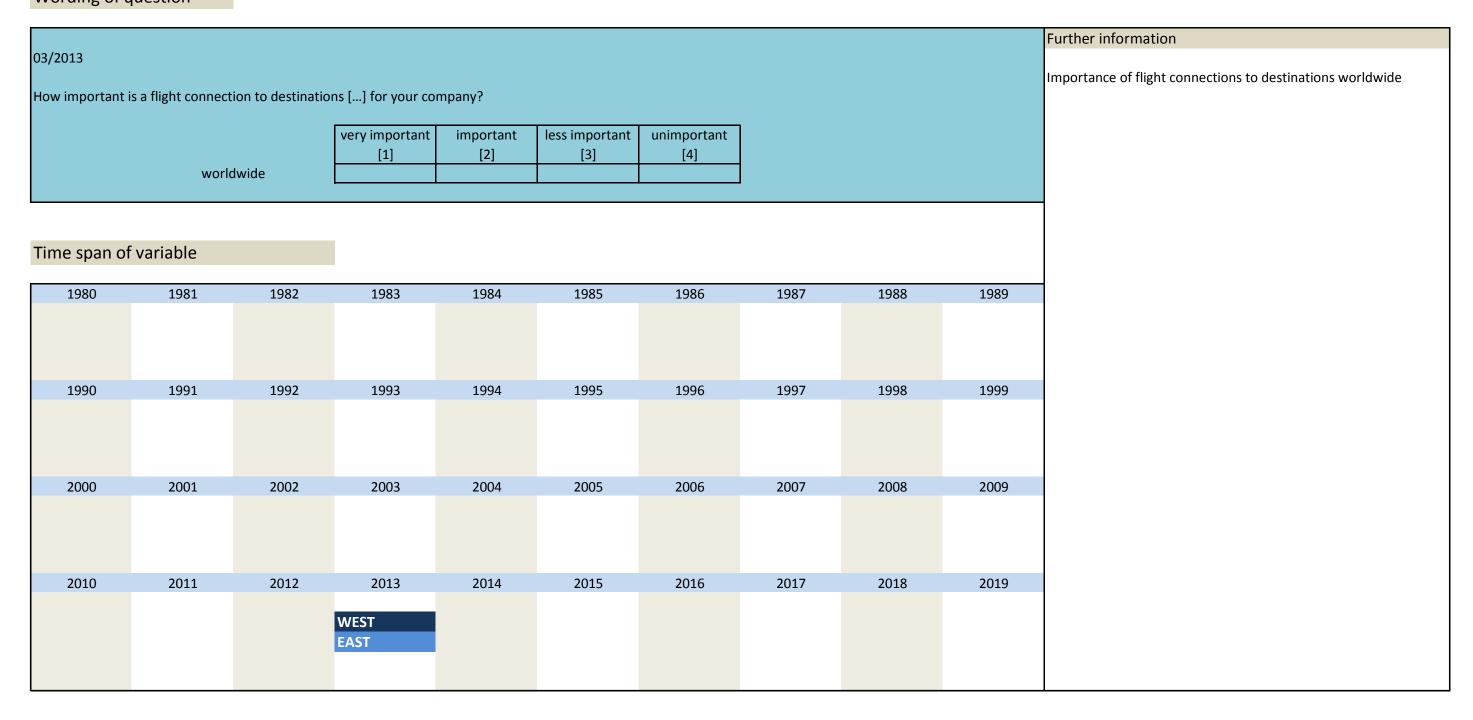
Further information 03/2013 Importance of flight connections to destinations in Germany How important is a flight connection to destinations in [...] for your company? very important important less important unimportant [4] [2] [3] [1] Germany Time span of variable WEST EAST

	Name		Label				Survey perior	d		Survey frequency
.96)	vg_flight_eu	r	importance of fli	ght connections	in Europe		East and Wes	st 03/2013		once
Vording of	fquestion									
3/2013 ow importan	nt is a flight connect	ion to destinati	ons in [] for your (company?						Further information Importance of flight connections to destinations in Europe
·	Eur		very important [1]		less important [3]	unimportant [4]				
ïme span (of variable									
ime span (of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985 1995	1986	1987	1988	1989	
1980	1981									

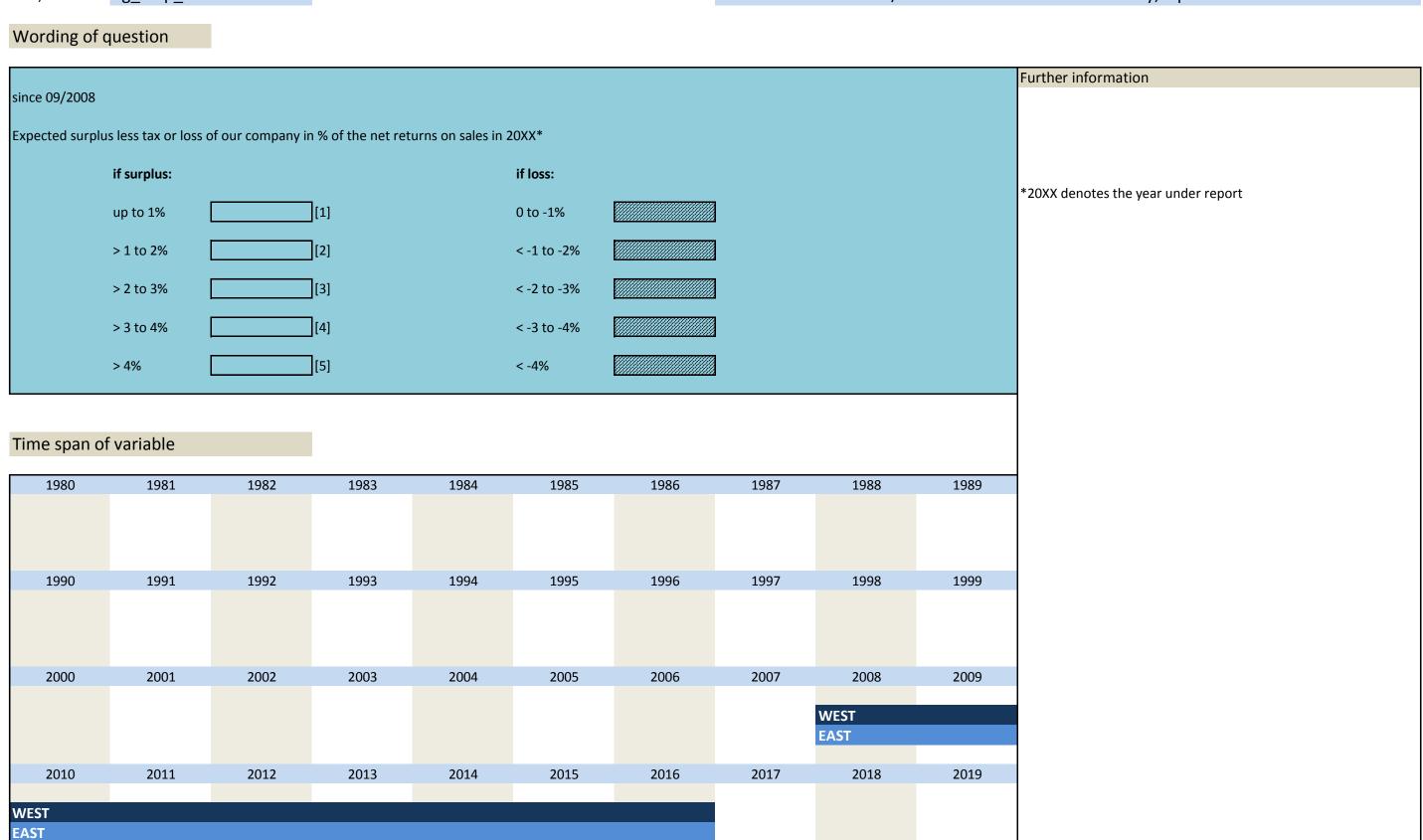


No.	Name	Label	Survey period	Survey frequency
3.97)	vg_flight_world	importance of flight connections worldwide	East and West 03/2013	once

Wording of question

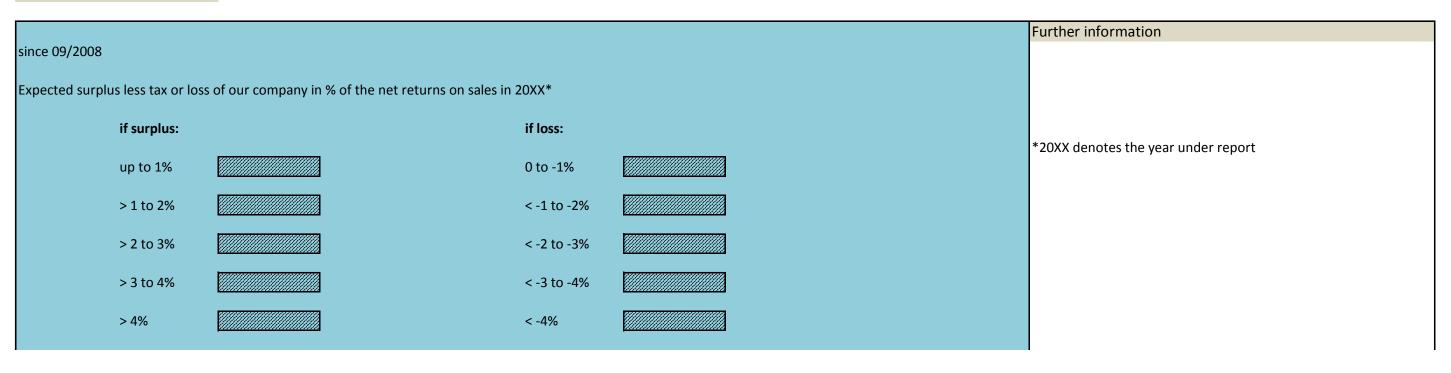


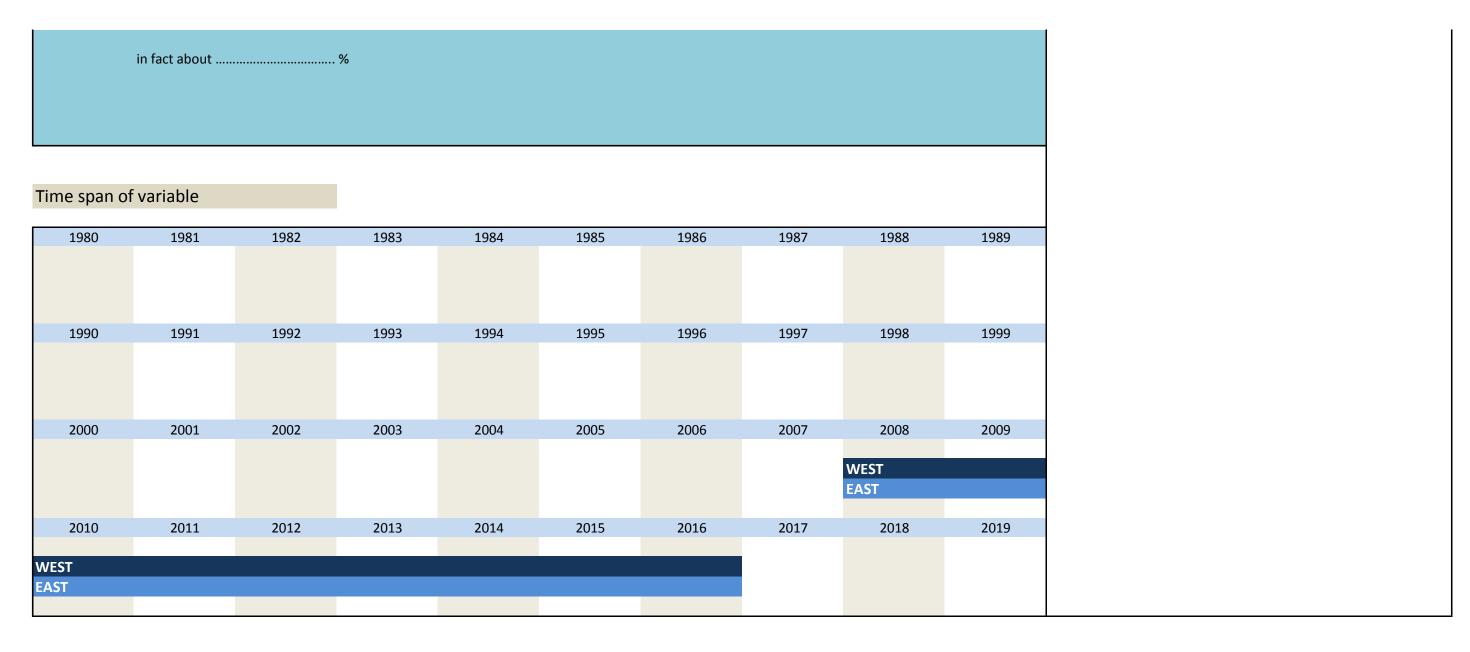
No.	Name	Label	Survey period	Survey frequency
3.98)	vg_surp_cat	return on sales: surplus (category)	East and West since 09/2008	May,Sep



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

Wording of question

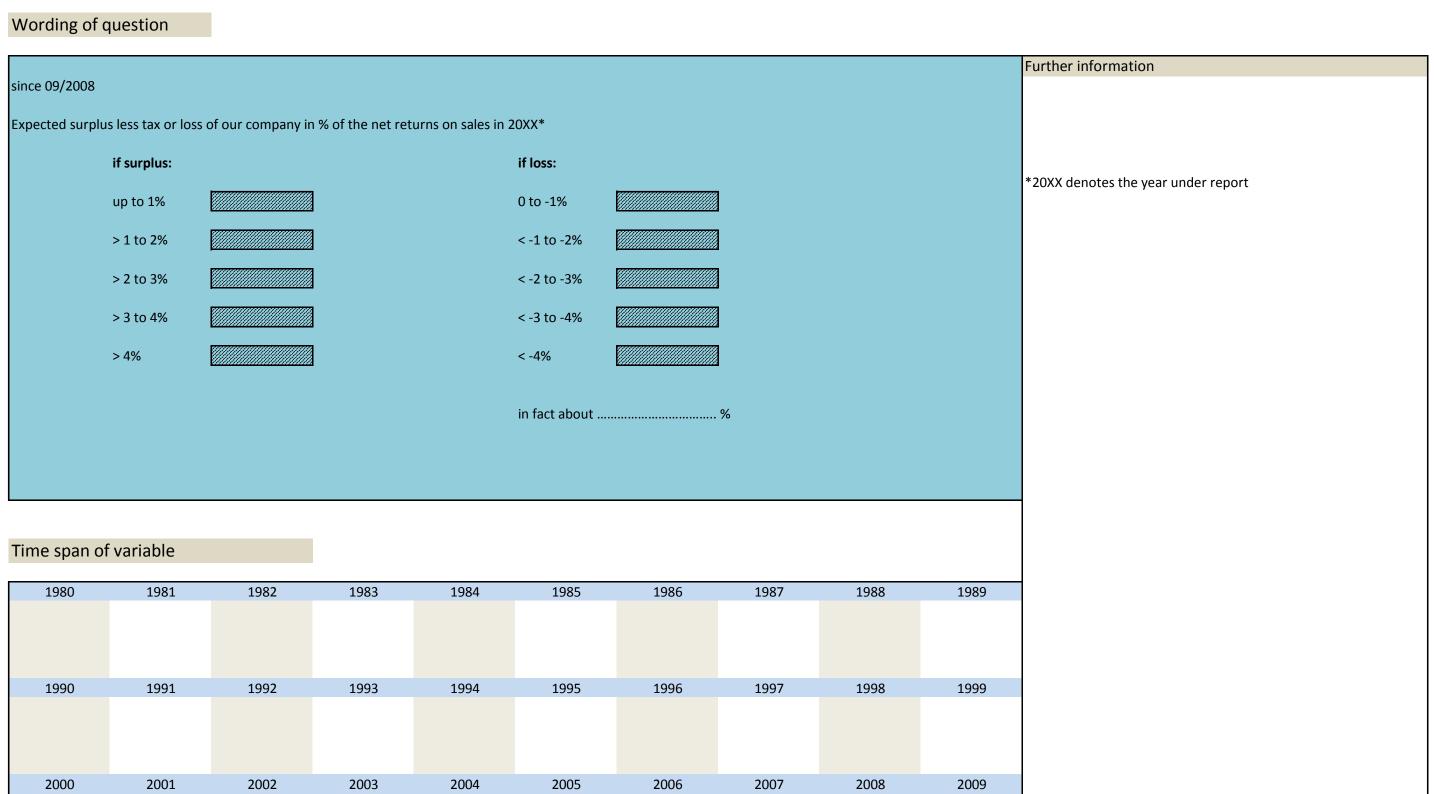


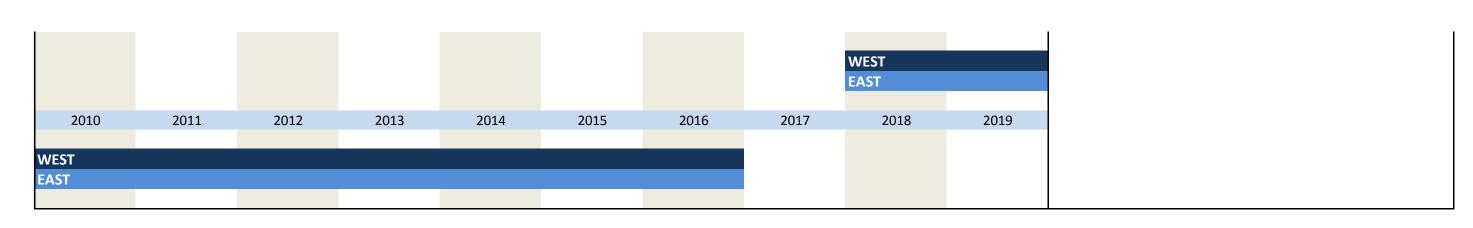


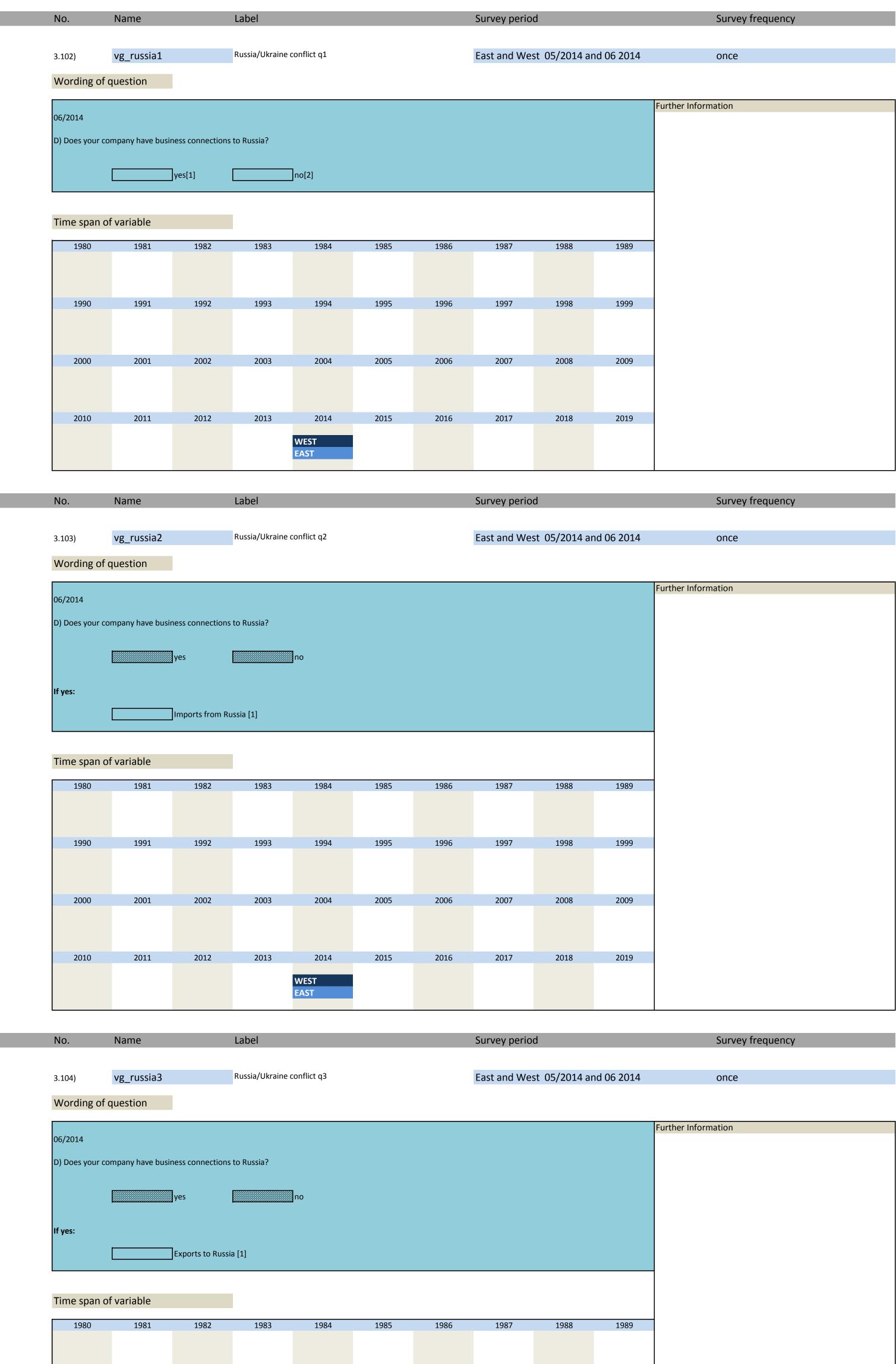
No.	Name		Label				Survey per	iod		Survey frequency
3.100)	vg_loss_c	cat	return on sales:	loss (category)			East and W	est since 09/200	08	May,Sep
Word	ing of question									
since 09	9/2008									Further information
	ed surplus less tax or I	oss of our company i	n % of the net ret	urns on sales in 2	20XX*					
·	if surplus:				if loss:					
	up to 1%				0 to -1%		[1]			*20XX denotes the year under report
	> 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									
19	980 1981	1982	1983	1984	1985	1986	1987	1988	1989	
19	990 1991	1992	1993	1994	1995	1996	1997	1998	1999	
20	000 2001	2002	2003	2004	2005	2006	2007	2008	2009	
20	2001	2002	2003	2004	2003	2000	2007	WEST	2003	
								EAST		
20	010 2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST EAST										

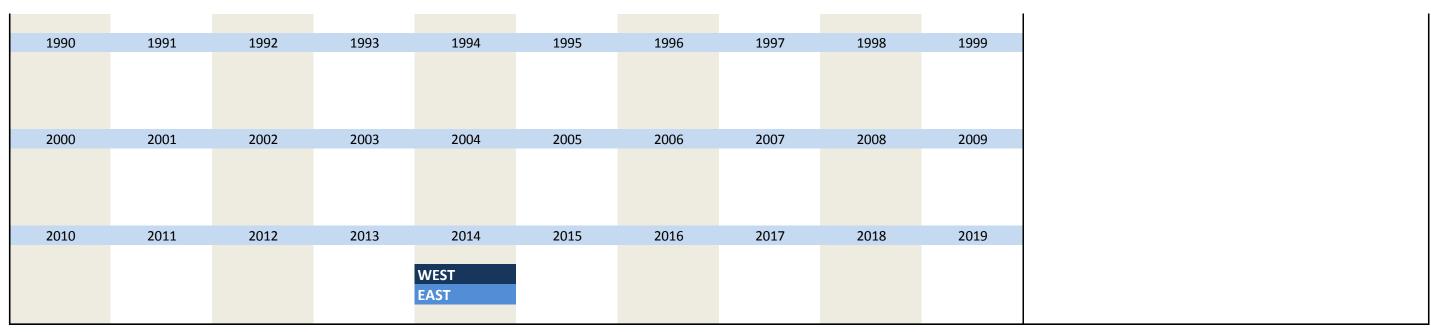
No. Name Label Survey period Survey frequency

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

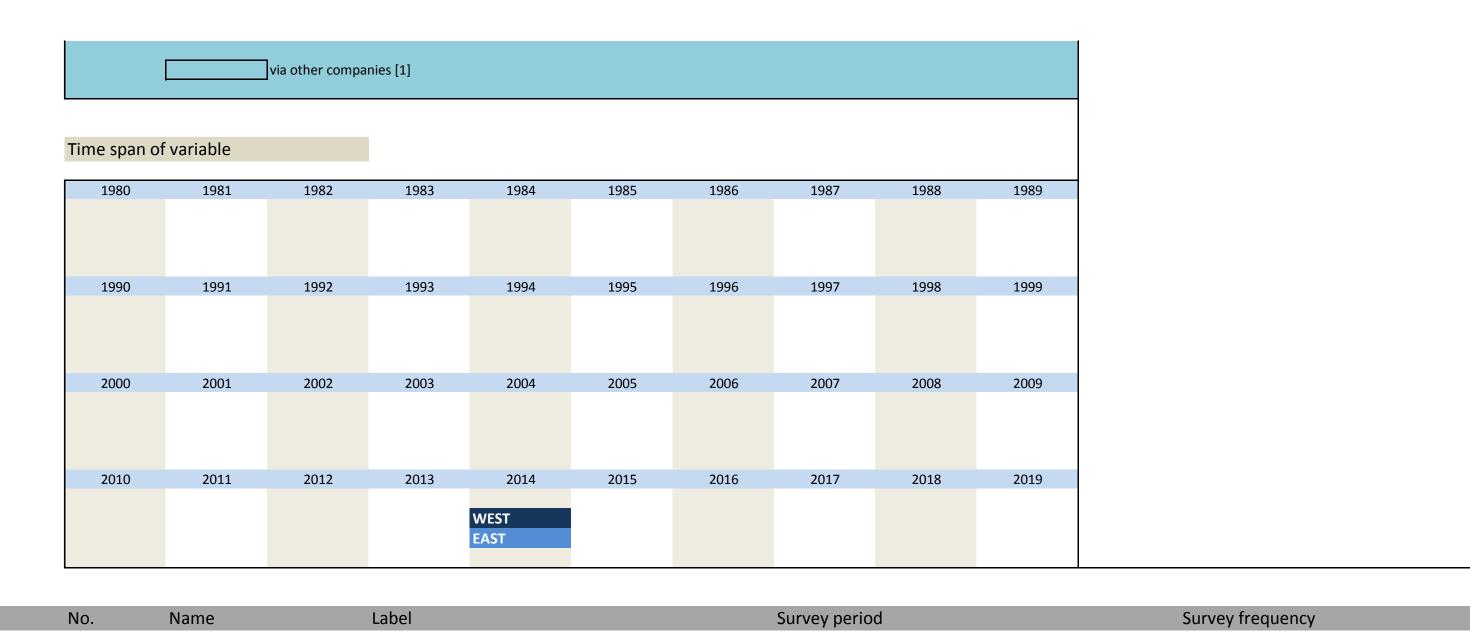








March Marc	Note	No.	Name									
Companies	Control Cont	3.105)	vg_russia4		Russia/Ukraine	conflict q4			East and Wes	st 05/2014 a	nd 06 2014	once
Contract contents The State of Contract contract contents The State of Contract contract contents The State of Contract cont	Part	Wording of	question									
	Comparison Com											Further Information
Part	Proc.											
	Part	D) Does your c	company have busin	ess connection	s to Russia?							
	Tries pare of Variable			yes		no						
	Tries pare of Variable	If ves:										
Times span of variable 1992	Times spain of Specialists	,		Joint ventures	with russian comp	oanies [1]						
1966	1907 1901 1902 1903 1902 1903 1905 1905 1905 1905 1905											
1997 1992 1992 1993 1994 1995 1995 1997 1997 1999 1999 2010 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2015 2016 2017 2018 2019 2010 2011 2012 2014 2015 2016 2017 2018 2016 2017 2018 2010 2011 2012 2014 2015 2016 2017 2018 2016 2017 2018 2010 2011 2012 2014 2015 2016 2017 2018 2016 2	1008 1091 1092 1092 1094 1095 1096 1097 1295 1096 1097 1096 1097 1096 1097 1096 1097 1096 1097	Time span o	of variable									
2010 2001 2001 2002 2003 2004 2004 2005 2004 2007 2008 2004 2010 2011 2012 2012 2013 2013 2014 2015 2015 2016 2017 2019 2019 No. Name Libel Survey period Survey frequency No. Name Libel Survey frequency **Control of question** **Total open or receive to Bessel **Total open or variable** **Total open of variable** **No. Name Label Survey period Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Open Survey period Open Survey frequency **No. Name Label Survey period Open Survey period Open Survey frequency **No. Name Label Survey period Open Survey Period Open Survey Frequency **No. No. Survey period Open Sur	2009 2001 2002 2004 2004 2005 2004 2005 2005 2009 2005 2009	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
2010 2001 2001 2002 2003 2004 2004 2005 2004 2007 2008 2004 2010 2011 2012 2012 2013 2013 2014 2015 2015 2016 2017 2019 2019 No. Name Libel Survey period Survey frequency No. Name Libel Survey frequency **Control of question** **Total open or receive to Bessel **Total open or variable** **Total open of variable** **No. Name Label Survey period Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Open Survey period Open Survey frequency **No. Name Label Survey period Open Survey period Open Survey frequency **No. Name Label Survey period Open Survey Period Open Survey Frequency **No. No. Survey period Open Sur	2009 2001 2002 2004 2004 2005 2004 2005 2005 2009 2005 2009											
2010 2001 2001 2002 2003 2004 2004 2005 2004 2007 2008 2004 2010 2011 2012 2012 2013 2013 2014 2015 2015 2016 2017 2019 2019 No. Name Libel Survey period Survey frequency No. Name Libel Survey frequency **Control of question** **Total open or receive to Bessel **Total open or variable** **Total open of variable** **No. Name Label Survey period Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Survey period Open Survey frequency **No. Name Label Survey period Open Survey period Open Survey frequency **No. Name Label Survey period Open Survey period Open Survey frequency **No. Name Label Survey period Open Survey Period Open Survey Frequency **No. No. Survey period Open Sur	Mode	1000	1001	1002	1002	1004	1005	1006	1007	1000	1000	
No. Name Label Survey period Survey frequency	2013	1990	1991	1992	1993	1994	1993	1990	1997	1990	1999	
No. Name Label Survey period Survey frequency	2013 2011 2012 2013 2014 2015 2015 2015 2017 2018 2019											
No. Name Label Survey period Survey frequency 3 100	No. Name Label Survey period Survey frequency 3.004 Wg_ roole 5	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
No. Name Label Survey period Survey frequency 3 100	No. Name Label Survey period Survey frequency 3.004 Wg_ roole 5											
No. Name Label Survey period Survey frequency 1.1001 Vg_ rossid5 Route/Sharme conflict q5 1.1001 Feet Information 1.1002 Feet Information 1.1003 Feet Information 1.1004 Feet Information 1.1004 Feet Information 1.1005 Feet Information 1.10	No. Name Label Survey period Survey frequency No. Name Label Survey period Once Wording of question Wording of question Type: Type	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
No. Name Label Survey period Survey frequency 3. Uniq. yg_russia5	No. Name Label Survey period Survey frequency 1156; Vg. 195835 Residularian conflict q5 Fast and West O5/2014 and 06 2014 once Wording of question 16,7004 Of Dees year contrasts have loadiness contractions to flatisis?											
East and West .05/2014 and 06 2014 once Wording of question Further Information	Part					EASI						
Rest and West, 05/2014 and 06 2014	Fast and West 05/2014 and 06 2014 Once	No	Name		Lahel	_	_	_	Survey period	d	_	Survey frequency
Note Part	Section Survey								our roy porro	-		
Further Information	Further information											
Digitary		3.106)	vg_russia5		Russia/Ukraine	conflict q5			East and Wes	st 05/2014 a	nd 06 2014	once
Discrepance					Russia/Ukraine	conflict q5			East and Wes	st 05/2014 a	nd 06 2014	once
Name Label Survey period Survey frequency	Name	Wording of			Russia/Ukraine	conflict q5			East and Wes	st 05/2014 a	nd 06 2014	
Further Information	Time span of variable 1980	Wording of	fquestion	oss connection		conflict q5			East and Wes	st 05/2014 a	nd 06 2014	
Time span of variable 1980 1981 1982 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 LAST No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question [Further Information	Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question Further information Further information	Wording of	fquestion	ess connection		conflict q5			East and Wes	st 05/2014 a	nd 06 2014	
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 3.107) vg_russia6 Russia/Ukraine cortifict q6 East and West 05/2014 and 06 2014 once Wording of question	Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 2997 1998 1999 2010 2011 2012 2013 2014 2015 2016 2017 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 No. Name Label Survey period Survey frequency 3 1071 vg_russia6 Russia/Ukraine conflict of East and West 05/2014 and 06 2014 once Wording of question Ruther Information Further Information	Wording of	f question		s to Russia?	71			East and Wes	st 05/2014 a	nd 06 2014	
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 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 66/2014	1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2010 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 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014 D) Does your company have business connections to Russia?	Wording of 06/2014 D) Does your o	f question		s to Russia?	71			East and Wes	st 05/2014 a	nd 06 2014	
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 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 66/2014	1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 66/2014 D) Does your company have business connections to Russia? Further Information Further Information	Wording of 06/2014 D) Does your o	company have busin	yes	s to Russia?	71			East and Wes	st 05/2014 a	nd 06 2014	
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 3.107) vg_russia6 Russla/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014	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 3.107) Vg_ russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014 00 Does your company have business connections to Russia?	Wording of 06/2014 D) Does your o	company have busin	yes	s to Russia?	71			East and Wes	st 05/2014 a	nd 06 2014	
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 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014	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 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question Does your company have business connections to Russia? Further Information	Wording of 06/2014 D) Does your o	company have busin	yes	s to Russia?	71			East and Wes	st 05/2014 a	nd 06 2014	
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 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014	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 3.107) Vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014 D) Does your company have business connections to Russia? Further Information	Wording of 06/2014 D) Does your of	company have busing	yes own branches i	s to Russia?	no	1985	1986				
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST No. Name Label Survey period Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 66/2014	No. Name Label Survey period Survey frequency	Wording of 06/2014 D) Does your of	company have busing	yes own branches i	s to Russia?	no	1985	1986				
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST No. Name Label Survey period Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 66/2014	No. Name Label Survey period Survey frequency	Wording of 06/2014 D) Does your of 1980	of variable	yes own branches i	s to Russia?	1984			1987	1988	1989	
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST No. Name Label Survey period Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 66/2014	No. Name Label Survey period Survey frequency	Wording of 06/2014 D) Does your of 1980	of variable	yes own branches i	s to Russia?	1984			1987	1988	1989	
No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 66/2014	No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question Further Information Further Information	Wording of 06/2014 D) Does your of 1980 1990	of variable 1981	yes own branches i 1982	s to Russia? in Russia [1] 1983 1993	1984 1994	1995	1996	1987	1988	1989	
No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 66/2014	No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question Further Information Further Information	Wording of 06/2014 D) Does your of 1980 1990	of variable 1981	yes own branches i 1982	s to Russia? in Russia [1] 1983 1993	1984 1994	1995	1996	1987	1988	1989	
No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014	No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question Further Information Further Information	Wording of 06/2014 D) Does your of 1980 1990	of variable 1981	yes own branches i 1982	s to Russia? in Russia [1] 1983 1993	1984 1994	1995	1996	1987	1988	1989	
No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014	No. Name Label Survey period Survey frequency 3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 6/2014 D) Does your company have business connections to Russia?	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? in Russia [1] 1983 2003	1984 1994 2004	1995 2005	1996 2006	1987	1988	1989	
3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question 06/2014 Further Information	3.107) vg_russia6 Russia/Ukraine conflict q6 East and West 05/2014 and 06 2014 once Wording of question O6/2014 D) Does your company have business connections to Russia? yes	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? in Russia [1] 1983 2003	1984 1994 2004 WEST	1995 2005	1996 2006	1987	1988	1989	
Wording of question Further Information	Wording of question 06/2014 D) Does your company have business connections to Russia? yes no	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? in Russia [1] 1983 2003	1984 1994 2004 WEST	1995 2005	1996 2006	1987	1988	1989	
Wording of question Further Information	Wording of question 06/2014 D) Does your company have business connections to Russia? yes no	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? in Russia [1] 1983 2003	1984 1994 2004 WEST	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	1989	Further Information
06/2014 Further Information	D) Does your company have business connections to Russia? yes Further Information Further Information	Wording of 06/2014 D) Does your of 1980 1990 2000 2010	of variable 1981 2001 Name	yes own branches i 1982 1992 2002	s to Russia? in Russia [1] 1983 1993 2003 2013	1984 1994 2004 WEST EAST	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	1989 1999 2009	Survey frequency
06/2014	06/2014 D) Does your company have business connections to Russia? yes	Wording of 06/2014 D) Does your of 1980 1990 2000 2010	of variable 1981 2001 Name vg_russia6	yes own branches i 1982 1992 2002	s to Russia? in Russia [1] 1983 1993 2003 2013	1984 1994 2004 WEST EAST	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	1989 1999 2009	Survey frequency
	D) Does your company have business connections to Russia? yes moderate of the company have business connections to Russia?	Wording of 06/2014 D) Does your of 1980 1990 2000 2010	of variable 1981 2001 Name vg_russia6	yes own branches i 1982 1992 2002	s to Russia? in Russia [1] 1983 1993 2003 2013	1984 1994 2004 WEST EAST	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	1989 1999 2009	Survey frequency
		Wording of 06/2014 D) Does your of 1980 1990 2000 2010 Wording of March 1980	of variable 1981 2001 Name vg_russia6	yes own branches i 1982 1992 2002	s to Russia? in Russia [1] 1983 1993 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 1990 2000 2010 Wording of 06/2014	of variable 1981 2001 2011 Name vg_russia6 f question	yes own branches i 1982 2002 2012	s to Russia? in Russia [1] 1983 2003 2013 Label Russia/Ukraine	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 1990 2000 2010 Wording of 06/2014	of variable 1981 1991 2001 2011 company have busing the state of	own branches in 1982 1992 2002 2012	s to Russia? in Russia [1] 1983 2003 2013 s to Russia?	1984 1994 2004 2014 WEST EAST	1995 2005	1996 2006	1987 1997 2007	1988 1998 2008	1989 1999 2009	Survey frequency once



.108)	vg_russia7		Russia/Ukraine	conflict q7			East and Wes	st 05/2014 aı	nd 06 2014	once
Wording of o	question									
	•									Further Information
06/2014										rurther information
D) Did you alrea	dy experience im	pairments due to	the russian-ukra	ninian conflict?						
		yes[1]]no[2]						
Time span of	fyariablo									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
				WEST						
				EAST						

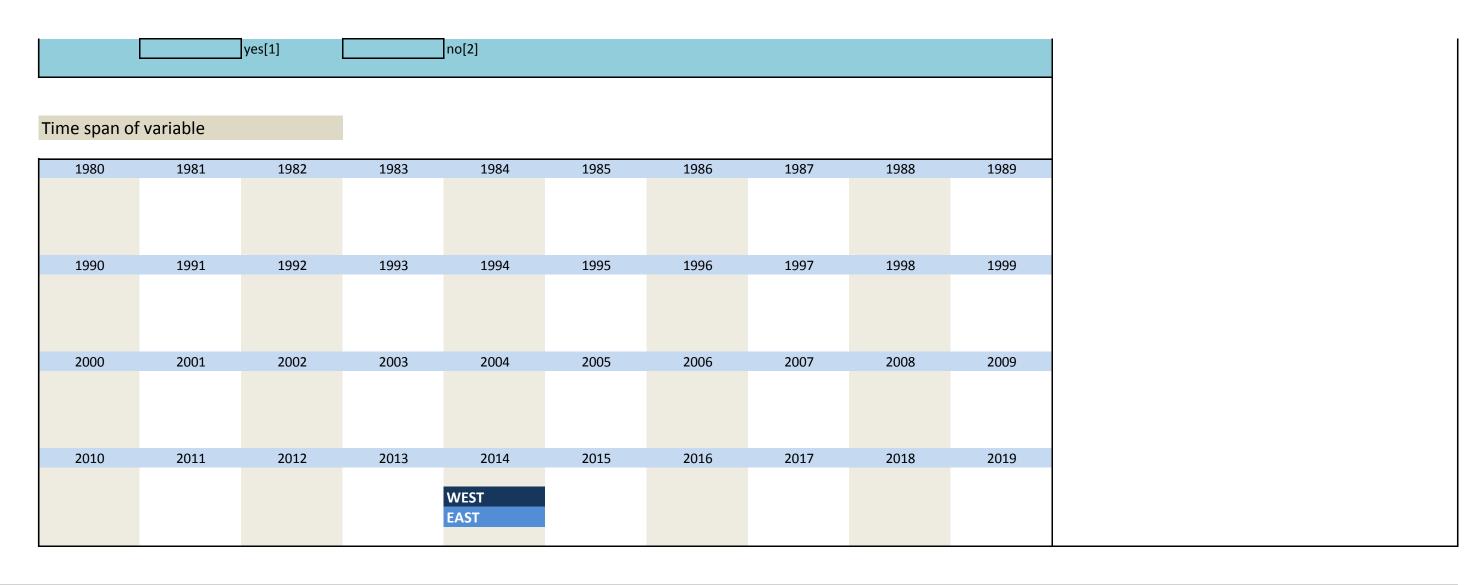
3.109)	vg_russia8		Russia/Ukraine	conflict q8			East and Wes	st 05/2014 ar	nd 06 2014	once
Wording of	question									
										Further Information
06/2014										
D) Are you expo	ecting future impa	airments for your	company?							
		,		1						
		yes[1]		no[2]						
Time span o	f variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	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	
			,	WEST						
				EAST						

No.

Name

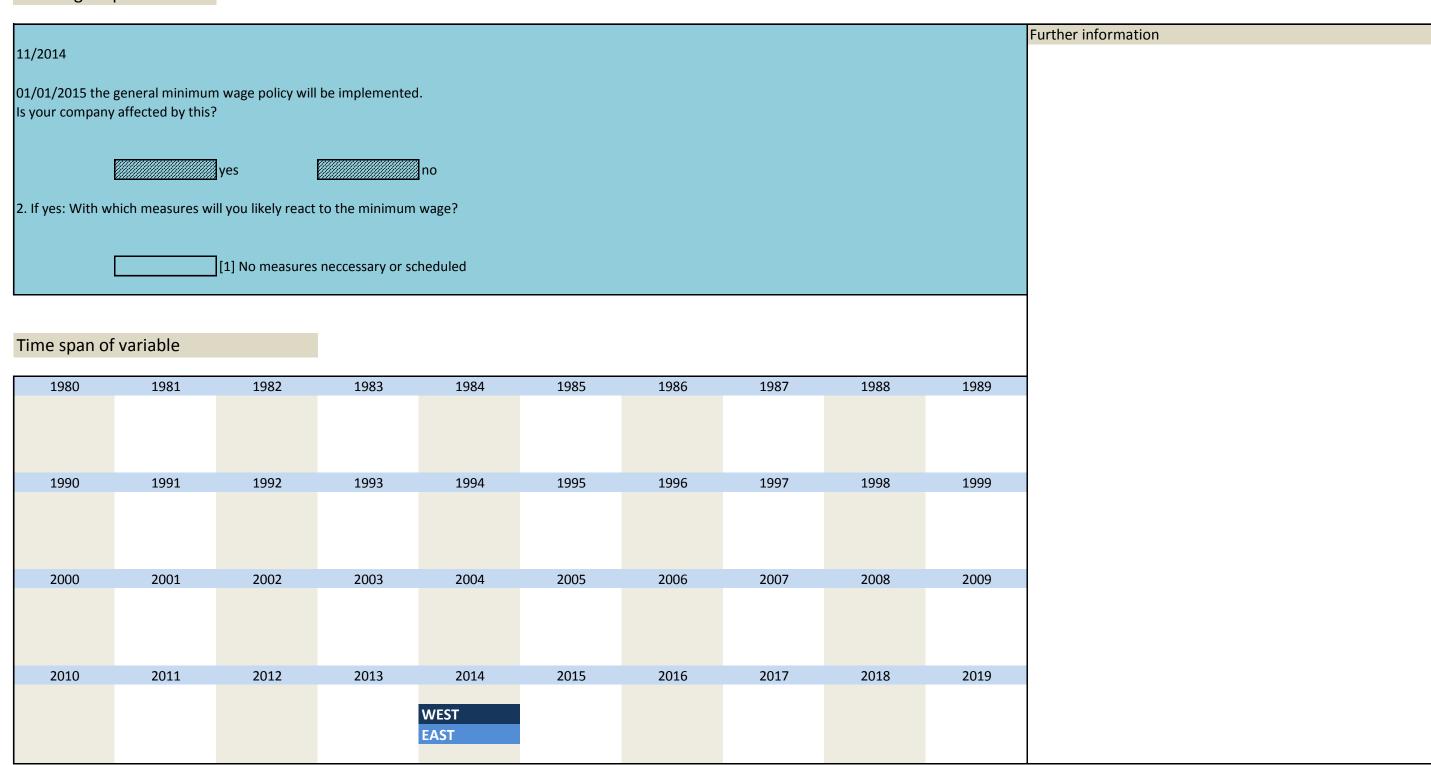
Label

No.	Name	Label	Survey period	Survey frequency
3.110)	vg_fambus	family business	East and West 02/2014	once
Wording o	f question			
02/2011				Further Information
02/2014				
D) For resear	ch purposes?			
•	on yourself as a family business?	neld predominately by one or more families that are connected)		



No.	Name		Label				Survey perio	od		Survey frequency
3.111)	vg_minim1		minimum wage	q1			East and We	st 11/2014		once
Wording of	f question									
										Further information
11/2014										
	the general minimuo pany affected by this		will be implement	ted.						
is your comp	daily affected by this):								
		yes[1]		no[2]						
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
				WEST						
				WEST EAST						

No.	Name	Label	Survey period	Survey frequency	
3.112)	vg_minim2	minimum wage q2	East and West 11/2014	once	
Wording o	f question				
				Further information	
11/2014					

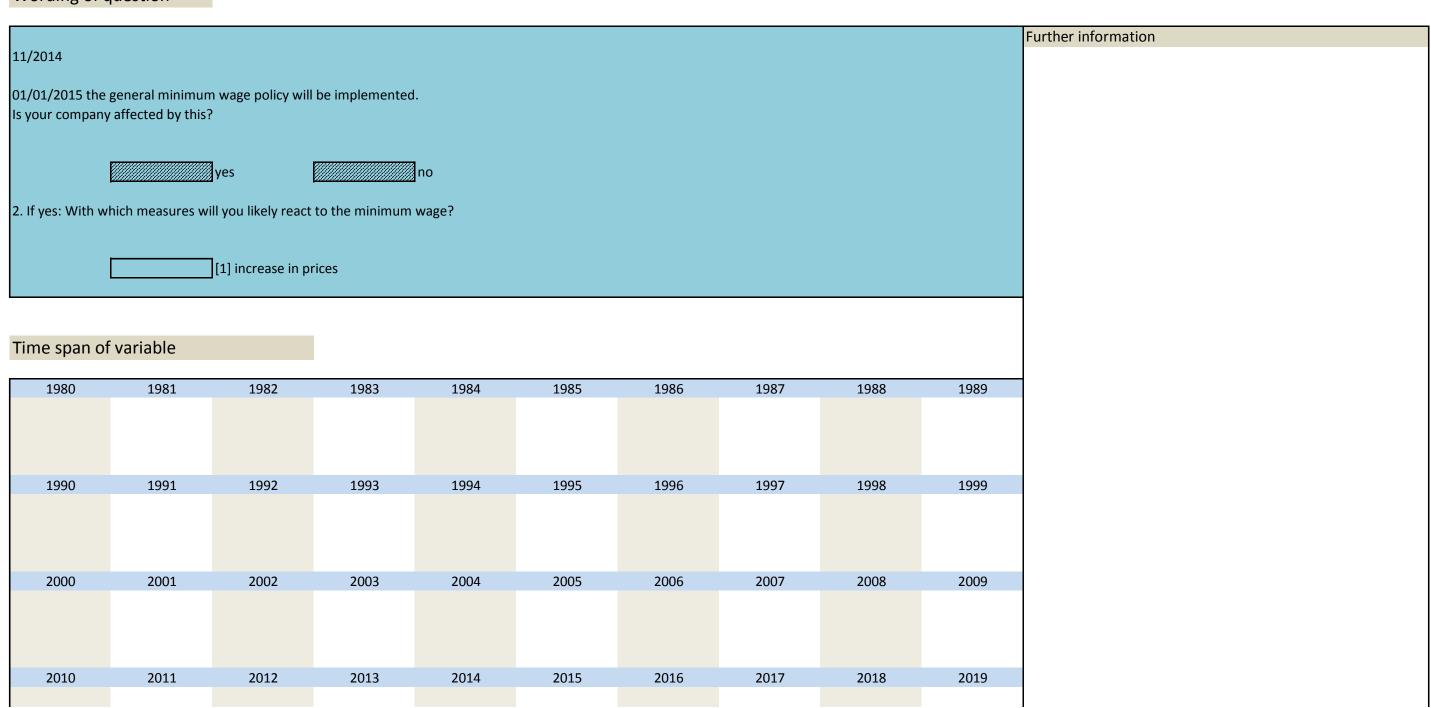


No.	Name	Label	Survey period	Survey frequency	
3.113)	vg_minim3	minimum wage q3	East and West 11/2014	once	
NA7 12	.				
Wording o	of question				
				Further information	
11/2014					

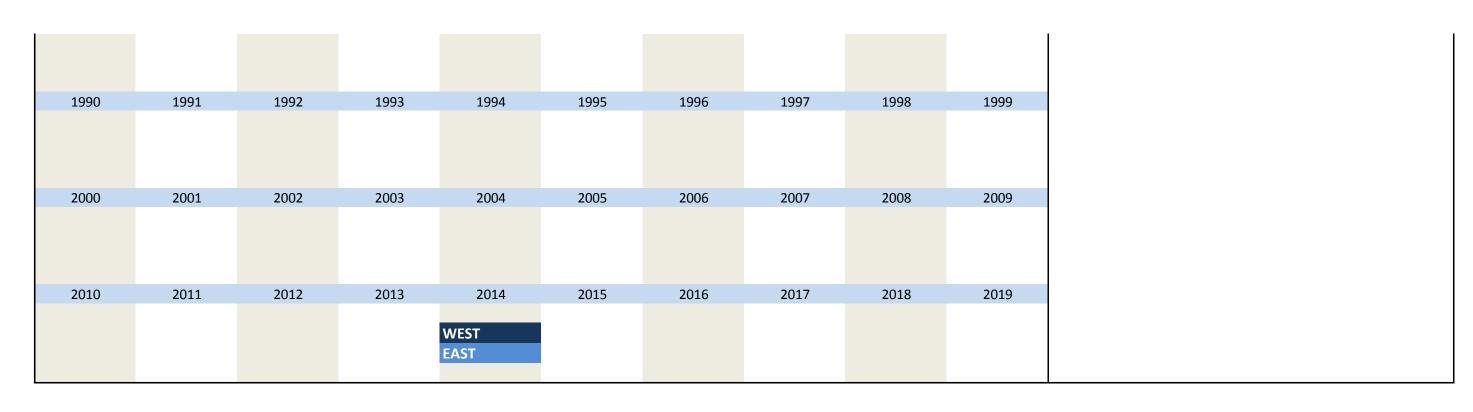
	e general minimum by affected by this?		be implemente	d.							
2. If yes: With v	yesno es: With which measures will you likely react to the minimum wage?										
		[1] personnel cut	:S								
Time span o	of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	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							

ording of que /2014 /01/2015 the gen	eneral minimum vaffected by this? yeich measures will	wage policy will /es	to the minimum	d. Ino			East and We	st 11/2014		Further information
/ording of que	eneral minimum vaffected by this? yeich measures will	wage policy will /es you likely react	to the minimum	d. Ino			East and We	st 11/2014		
./2014 ./01/2015 the gen your company aff	eneral minimum vaffected by this? yeich measures will	/es you likely react	to the minimum	no						Further information
./2014 ./01/2015 the gen your company aff	eneral minimum vaffected by this? yeich measures will	/es you likely react	to the minimum	no						Further information
Jo1/2015 the gen your company afformation If yes: With which	offected by this? yellow this? yellow this? yellow this?	/es you likely react	to the minimum	no						Further information
Jo1/2015 the gen your company afformation If yes: With which	offected by this? yellow this? yellow this? yellow this?	/es you likely react	to the minimum	no						
If yes: With which	offected by this? yellow this? yellow this? yellow this?	/es you likely react	to the minimum	no						
If yes: With which	y ich measures will [2]	yes you likely react	to the minimum	-						
If yes: With which	ich measures will	you likely react	to the minimum	-						
me span of va	variable			n wage?						
me span of va	variable			i wage:						
	variable	1] reduction of v	working hours							
	variable	1) reduction of v	working nours							
1980										
	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	

No.	Name	Label	Survey period	Survey frequency
3.115)	vg_minim5	minimum wage q5	East and West 11/2014	once
Wording o	f auestion			
wording o	question			
11/2014				Further information







0.	Name		Label				Survey perio	d		Survey frequency
119)	vg_invest_lj		total investment	last year			East and Wes	st since 05/20	15	
Vording o	of question									
5/2015										Further information
nvestments) Last year (2	20YY* compared to 20	WW**) our inv	vestments were							
			Total investments	5						*20YY means last year e.g.: If the question was posed in 2015: 20YY=2014
	increased [1]									2011-2014
	not changed [2]									*20WW means two years ago
	decreased [3]									e.g.: If the question was posed in 2015: 20WW=2013
ime span	of variable									
ime span	of variable									
ime span	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981									
		1982	1983 1993	1984	1985 1995	1986 1996	1987 1997	1988 1998	1989 1999	
1980	1981									
1980 1990	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981									
1980 1990	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1980 1990	1981	1992	1993	1994	2005	1996	1997	1998	1999	
1980 1990 2000	1981	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

Label

Label

No.

No.

Name

Name

.120)	vg_invcon_lj		investment in cor	nstruction last	year		East and Wes	st since 05/2	015	
ording o	of question									
/2015										Further information
5/2015										
vestments Last year (2	20YY* compared to 20)WW**) our inv	estments were							
			Fotal investments, reof in: constructi							*20YY means last year 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
	م ا ما ما م		l							
ime span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000	1001	1997	1003	199/	1005	1996	1007	1908	1000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990 2000	1991 2001	1992	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998	1999 2009	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

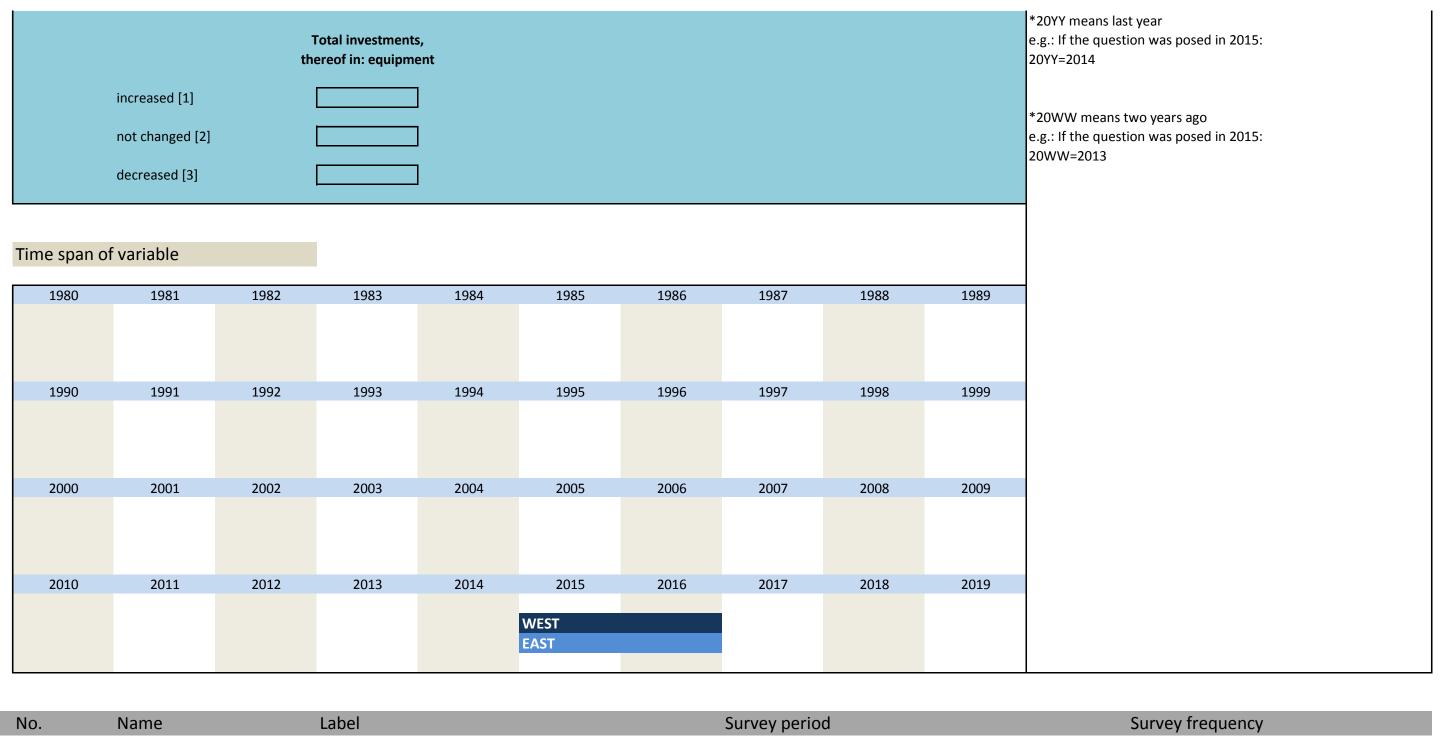
Survey period

Survey frequency

Survey frequency

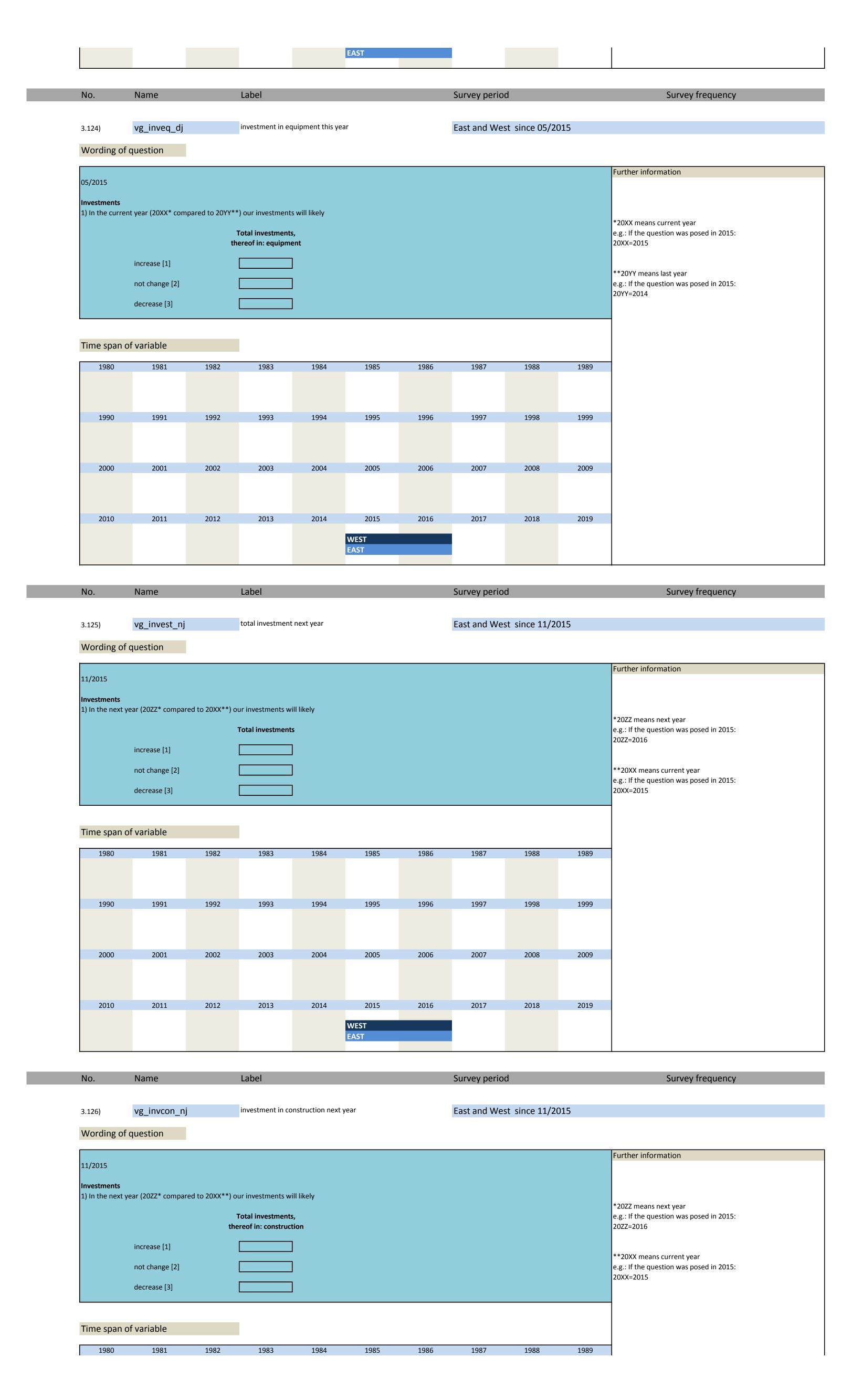
3.121)	vg_inveq_lj	investment in equipment last year	East and West since 05/2015
Wording o	of question		
05/2015			Further information
Investments 1) Last year (2)	20YY* compared to 20WW*	*) our investments were	

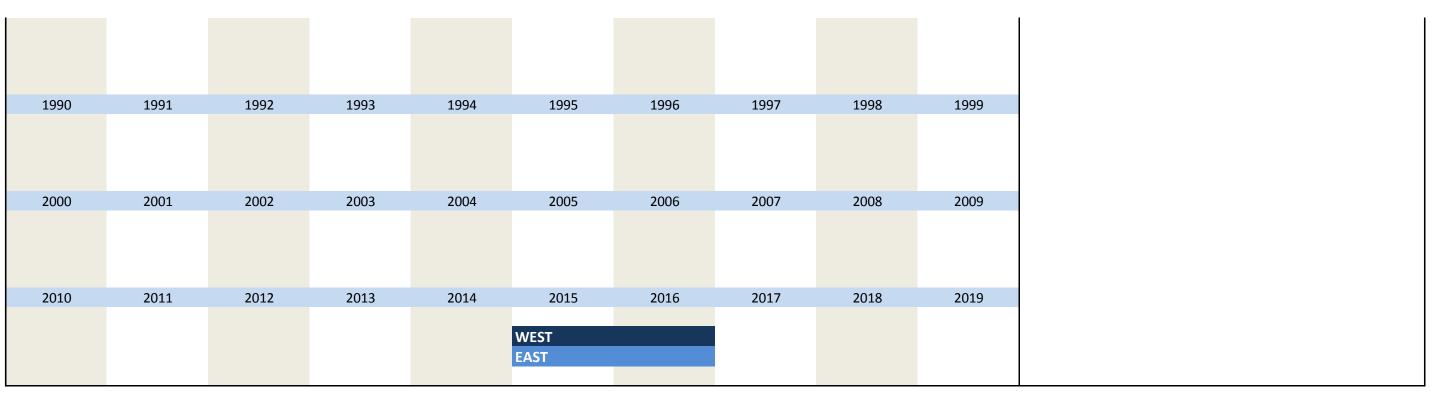
Survey period



vg_invest_dj total investment this year East and West since 05/2015 3.122) Wording of question Further information 05/2015 1) In the current year (20XX* compared to 20YY**) our investments will likely *20XX means current year **Total investments** e.g.: If the question was posed in 2015: 20XX=2015 increase [1] not change [2] **20YY means last year e.g.: If the question was posed in 2015: 20YY=2014 decrease [3] Time span of variable WEST EAST

	Name		Label				Survey period	d		Survey frequency
23)	vg_invcon_dj		investment in co	nstruction this ye	ear		East and Wes	st since 05/20	015	
ording of o	question									
/2015										Further information
vestments	t year (20XX* comp	pared to 20YY**	our investments	s will likely						*20XX means current year
			otal investments reof in: construct							e.g.: If the question was posed in 2015: 20XX=2015
	increase [1] not change [2]									**20YY means last year e.g.: If the question was posed in 2015:
	not change [2]									
	decrease [3]									20YY=2014
me span o	decrease [3]									
me span o	decrease [3]	1982	1983	1984	1985	1986	1987	1988	1989	
	decrease [3] f variable	1982	1983	1984	1985	1986	1987	1988	1989	
	decrease [3] f variable	1982	1983	1984	1985	1986	1987	1988	1989	
1980	f variable 1981									
1980	f variable 1981									
1980 1990	f variable 1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	





No.	Name		Label				Survey perio	d		Survey frequency
3.127)	vg_inveq_nj		investment in eq	quipment next y	vear		East and Wes	st since 11/20	015	
Wording of	question									
44 /2045										Further information
11/2015 Investments										
	year (20ZZ* compare	ed to 20XX**)	our investments w	ill likely						*20ZZ means next year
			Total investments thereof in: equipme							e.g.: If the question was posed in 2015: 20ZZ=2016
	increase [1]		mereor in equipme							2022-2010
	not change [2]									**20XX means current year e.g.: If the question was posed in 2015:
	decrease [3]									20XX=2015
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	_				
NI =	• •						C			Survey frequency
No.	Name		Label				Survey perio	d		Survey frequency
				on 1						
3.128)	vg_ref1		refugees question	on 1			East and We			once
	vg_ref1			on 1						once
3.128)	vg_ref1			on 1						
3.128) Wording of 10/2015	vg_ref1	tential of asylu	refugees questic		following positions?					once
3.128) Wording of 10/2015	vg_ref1 f question lo you assess the pot	tential of asylu	refugees questic		following positions?					once
3.128) Wording of 10/2015	vg_ref1 f question	tential of asylu	refugees questic							once
3.128) Wording of 10/2015 1. How large of	vg_ref1 f question lo you assess the pot	tential of asylu	refugees questic							once
3.128) Wording of 10/2015 1. How large of	vg_ref1 f question lo you assess the pot trainees of variable		refugees questic	nployed in the f	[2] large		East and We	st 10/2015		once
3.128) Wording of 10/2015 1. How large of	vg_ref1 f question lo you assess the pot	tential of asylu	refugees questic			1986			1989	once
3.128) Wording of 10/2015 1. How large of	vg_ref1 f question lo you assess the pot trainees of variable		refugees questic	nployed in the f	[2] large		East and We	st 10/2015	1989	once
3.128) Wording of 10/2015 1. How large of	vg_ref1 f question lo you assess the pot trainees of variable		refugees questic	nployed in the f	[2] large		East and We	st 10/2015	1989	once
3.128) Wording of 10/2015 1. How large of	vg_ref1 f question lo you assess the pot trainees of variable 1981	1982	refugees questic	nployed in the f	[2] large	1986	East and Wes	st 10/2015		once
3.128) Wording of 10/2015 1. How large of 1980	vg_ref1 f question lo you assess the pot trainees of variable 1981 1991	1982	refugees questic	nployed in the f	[2] large	1986	1987 1997	1988 1998	1999	once
3.128) Wording of 10/2015 1. How large of	vg_ref1 f question lo you assess the pot trainees of variable 1981	1982	refugees questic	nployed in the f	[2] large	1986	East and Wes	st 10/2015		once
3.128) Wording of 10/2015 1. How large of 1980	vg_ref1 f question lo you assess the pot trainees of variable 1981 1991	1982	refugees questic	nployed in the f	[2] large	1986	1987 1997	1988 1998	1999	once
3.128) Wording of 10/2015 1. How large of 1980	vg_ref1 f question lo you assess the pot trainees of variable 1981 1991	1982	refugees questic	nployed in the f	[2] large	1986	1987 1997	1988 1998	1999	once
3.128) Wording of 10/2015 1. How large of 1980 1990 2000	vg_ref1 f question lo you assess the pot trainees of variable 1981 1991 2001	1982	refugees questic	1984 1994 2004	1985 1995 2005 2015 WEST	1986 1996 2006	1987 1997	1988 1998 2008	1999 2009	once
3.128) Wording of 10/2015 1. How large of 1980 1990 2000	vg_ref1 f question lo you assess the pot trainees of variable 1981 1991 2001	1982	refugees questic	1984 1994 2004	[2] large 1985 1995 2005	1986 1996 2006	1987 1997	1988 1998 2008	1999 2009	once
3.128) Wording of 10/2015 1. How large of 1980 2000	vg_ref1 f question lo you assess the pot trainees of variable 1981 1991 2001 2011	1982	refugees question um seekers to be en [1] small 1983 1993 2003	1984 1994 2004	1985 1995 2005 2015 WEST	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	Further Information
3.128) Wording of 10/2015 1. How large of 1980 1990 2000	vg_ref1 f question lo you assess the pot trainees of variable 1981 1991 2001	1982	refugees questic	1984 1994 2004	1985 1995 2005 2015 WEST	1986 1996 2006	1987 1997	1988 1998 2008	1999 2009	once
3.128) Wording of 10/2015 1. How large of 1980 2000	vg_ref1 f question lo you assess the pot trainees of variable 1981 1991 2001 2011	1982	refugees question um seekers to be en [1] small 1983 1993 2003	1984 1994 2004	1985 1995 2005 2015 WEST	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009	Further Information
3.128) Wording of 10/2015 1. How large of 1980 2000 2010	vg_ref1 f question lo you assess the pot trainees of variable 1981 2001 2011 Name vg_ref2	1982	refugees question um seekers to be en [1] small 1983 1993 2003 Label	1984 1994 2004	1985 1995 2005 2015 WEST	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Further Information Survey frequency
3.128) Wording of 10/2015 1. How large of 1980 2000 2010 No. 3.129) Wording of	vg_ref1 f question lo you assess the pot trainees of variable 1981 2001 2011 Name vg_ref2	1982	refugees question um seekers to be en [1] small 1983 1993 2003 Label	1984 1994 2004	1985 1995 2005 2015 WEST	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Further Information Survey frequency
3.128) Wording of 10/2015 1. How large of 1980 1990 2000 2010 No. 3.129) Wording of 10/2015	vg_ref1 f question lo you assess the pot 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	[2] large 1985 1995 2005 WEST EAST	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Survey frequency Once
3.128) Wording of 10/2015 1. How large of 1980 1990 2000 2010 No. 3.129) Wording of 10/2015	vg_ref1 f question lo you assess the pot trainees of variable 1981 2001 2011 Name vg_ref2	1982 1992 2002	refugees question In seekers to be end [1] small 1983 1993 2003 Label refugees question	1984 1994 2004	[2] large 1985 1995 2005 WEST EAST	1986 1996 2006	1987 1997 2007 Survey perio	1988 1998 2008	1999 2009	Survey frequency Once

Time sna	n of variable		l						
		1002	1002	1004	1005	1006	1007	1000	1000
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
3.130)	vg_ref3		refugees question	on 3			East and We	st 10/2015		once
Wording of	auestion									
	question									
10/2015										Further Information
1. How large do	o you assess the p	otential of asylun	n seekers to be en	nployed in the f	following positions?					
			[1] small		[2] large					
	skilled workers									
Time span o	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000	1001	1002	1002	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 perio	d		Survey frequency

3.131)	vg_ref4		refugees questio	n 4			East and Wes	st 10/2015	
Wording o	f question								
	- question								
10/2015									
1. How large o	do you assess the po	otential of asylun	n seekers to be en	ployed in the	following positions?)			
			[1] small		[2] large				
	leading position	S							
	icading position								
Time span	of variable								
		1000	4000	1001	400=	1000	400=	1000	1000
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2000	2001	2002	2003	2004	2003	2000	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
					WEST				
					EAST				

No.	Name	Label		Survey period	Survey frequency
3.132)	vg_ref5	refugees question 5		East and West 10/2015	once
Wording	g of question				
10/2015					Further Information
1. How lar	ge do you assess the potent	ial of asylum seekers to be employed	in the following positions?		
		[1] small	[2] large		
	other 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 perio	d		Survey frequency
3.133)	vg_ref6		refugees questio	n 6			East and We	st 10/2015		once
			,				Lust and We	30 10/2013		once
Wording	of question									
40/2045										Further Information
10/2015										
2. how muc	ch of an obstacle to er	nploying asylum	seekers do you co	nsider the follo	wing factors to be i	in your branch:				
			[1] little		[2] much					
	labor law-relate	d provisions								
Time sna	n of variable									
Time spa	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST					
					EAST					
										·
No.	Name		Label				Survey perio	d		Survey frequency

3.134)	vg_ref7		refugees questio	n 7			East and Wes	st 10/2015		once
Wording of	f question									
										Further Information
10/2015										
2. how much o	of an obstacle to er	mploying asylum s	eekers do you co	nsider the follow	wing factors to be	in your branch:				
				[1] little		[2] much				
	unfit level of qu	alification	[]]			
Time snam	of variable									
Time span										
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	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013	2014		2010	2017	2010	2013	
					WEST EAST					

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

No.	Name		Label				Survey perio	d		Survey frequency
3.136)	vg_ref9		refugees question	า 9			East and West 10/2015			once
Wording of	question									
										Further Information
10/2015										
2. how much c	f an obstacle to em	nploying asylum	seekers do you cor	sider the follow	ving factors to be i	n your branch:				
			[1] little		[2] much					
	lack of language	skills								
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	2044	2012	2012	2011	2015	2016	2017	2010	2010	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST EAST					

No.

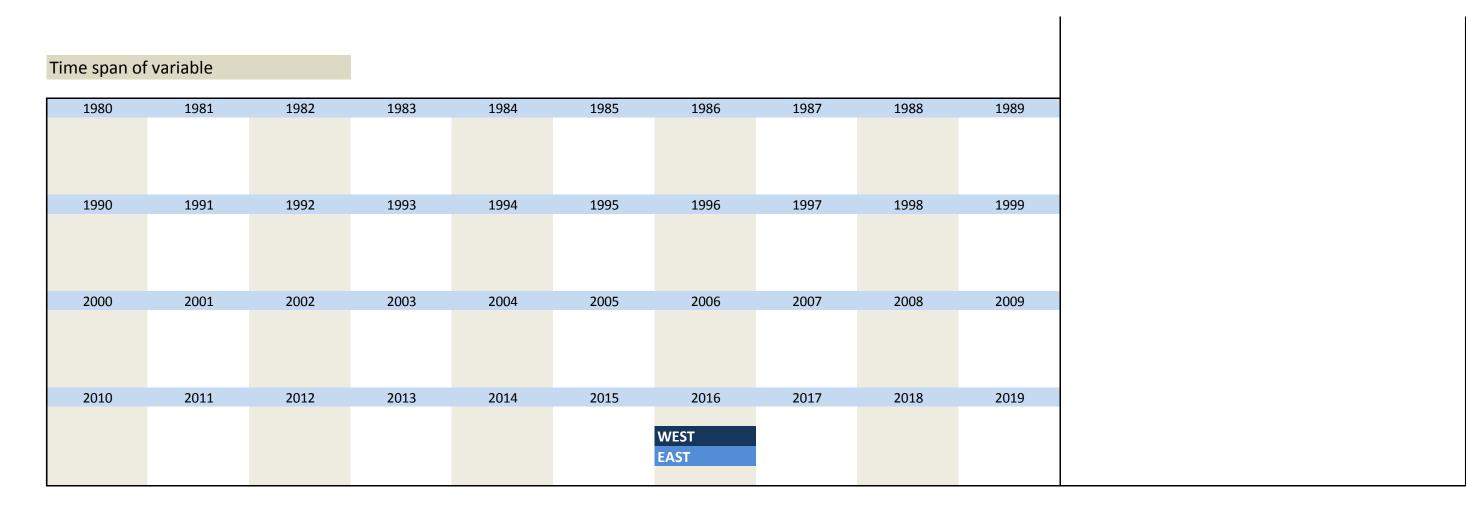
Name

Label

3.137)	vg_minim_p	ost1	affected by mini	num wage			East and Wes	st 03/2016		once
Wording of	question									
03/2016										Further information
	e universal minimu	m wage was imp	lemented. Is your	company affect	ed by this regula	tion?				
			[1] yes		[2] no					
						_				
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST EAST				
						LASI				

Survey period

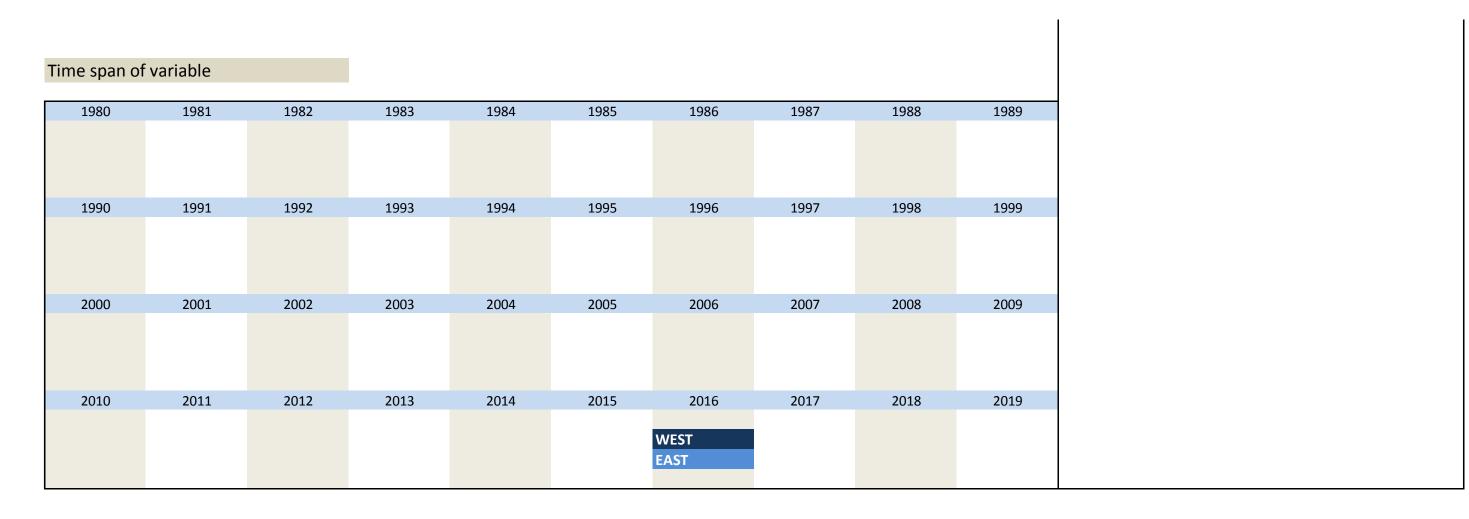
No.	Name	Label	Survey period	Survey frequency
			, i	, , , , , , , , , , , , , , , , , , ,
3.138)	vg_minim_post2	no minimum wage measures	East and West 03/2016	once
Wording o	of question			
03/2016				Further information
If yes,	the universal minimum wage was ures did you utilize?	implemented. Is your company affected by this regula	ition?	
		none [1]		



No.	Name		Label		Survey period					Survey frequency
3.139)	vg_minim_po	ost3	measures: emplo	yee reduction			East and Wes	st 03/2016		once
Wording of o	question									
_										Further information
03/2016										Further information
01.01.2015 the (universal minimur	n wage was imp	lemented. Is your	company affecte	ed by this regulat	ion?				
If yes, What measures			·	· · ·	, ,					
what measures										
		employee reduc	ction		[1]					
Time span of	f variable									
	1981	1982	1002	1004	1005	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1980	1987	1988	1989	
1000	1001	1002	1003	1004	1005	1006	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 period	d		Survey frequency

3.140)	vg_minim_p	ost4	measures: worki	ng hour reductio	n		East and We	st 03/2016		once
Wording of	question									
02/2046										Further information
03/2016										
If yes,	universal minimu s did you utilize?	m wage was imple	emented. Is your	company affecte	ed by this regula	ition?				
		working hour red	duction		[1]					
Time span o	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	
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
2 1 4 1 \	va minim nostE	measures: increased prices	East and West 03/2016	onco
3.141)	vg_minim_post5	measures. mereased prices	East and West 05/2010	once
Wording of	f guestion			
	•			
/				Further information
03/2016				
01.01.2015 the	e universal minimum wage was	implemented. Is your company affected by this regulation?		
If yes,				
What measure	es did you utilize?			
	increased pr	rices [1]		
]



No.	Name		Label				Survey period			Survey frequency
3.142)	vg_minim_p	ost6	measures: decre	ased investment	t		East and We	st 03/2016		once
Wording of	question									
	•									Further information
03/2016										
If yes,	s did you utilize?		lemented. Is your		_	ion?				
		decreased inves	stment		<u>[1]</u>					
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 perio	d		Survey frequency

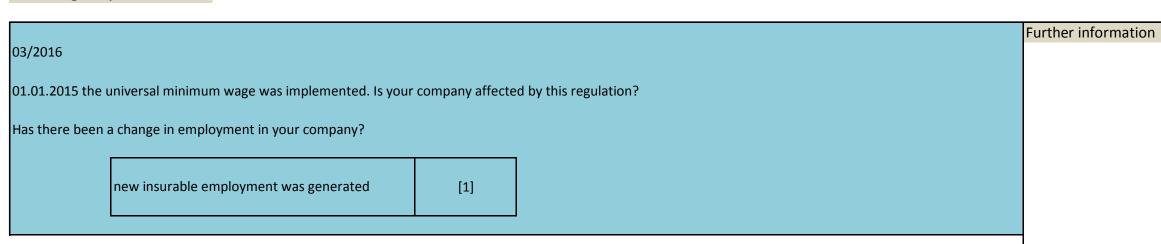
3.143)	vg_minim_p	ost7	measures: decre	ased special payı	ments		East and We	st 03/2016		once
Wording of	question									
3/2016										Further information
yes,	e universal minimu es did you utilize?									
ime snan o	decresed specia	al payments			[1]					
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016 WEST	2017	2018	2019	
						EAST				

I	No.	Name	Label	Survey period	Survey frequency	
3	3.144)	vg_minim_post8	less minijobs	East and West 03/2016	once	
,	Wording of question					
	2010			Fi	urther information	
ľ	03/2016					
01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation?						
ı	Has there been a change in employment in your company?					
		less minijobs	[1]			

Time	snan of	variable	_							
1	980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1	990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2	000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2	010	2011	2012	2013	2014	2015	2016	2017	2018	2019
							WEST			
							EAST			

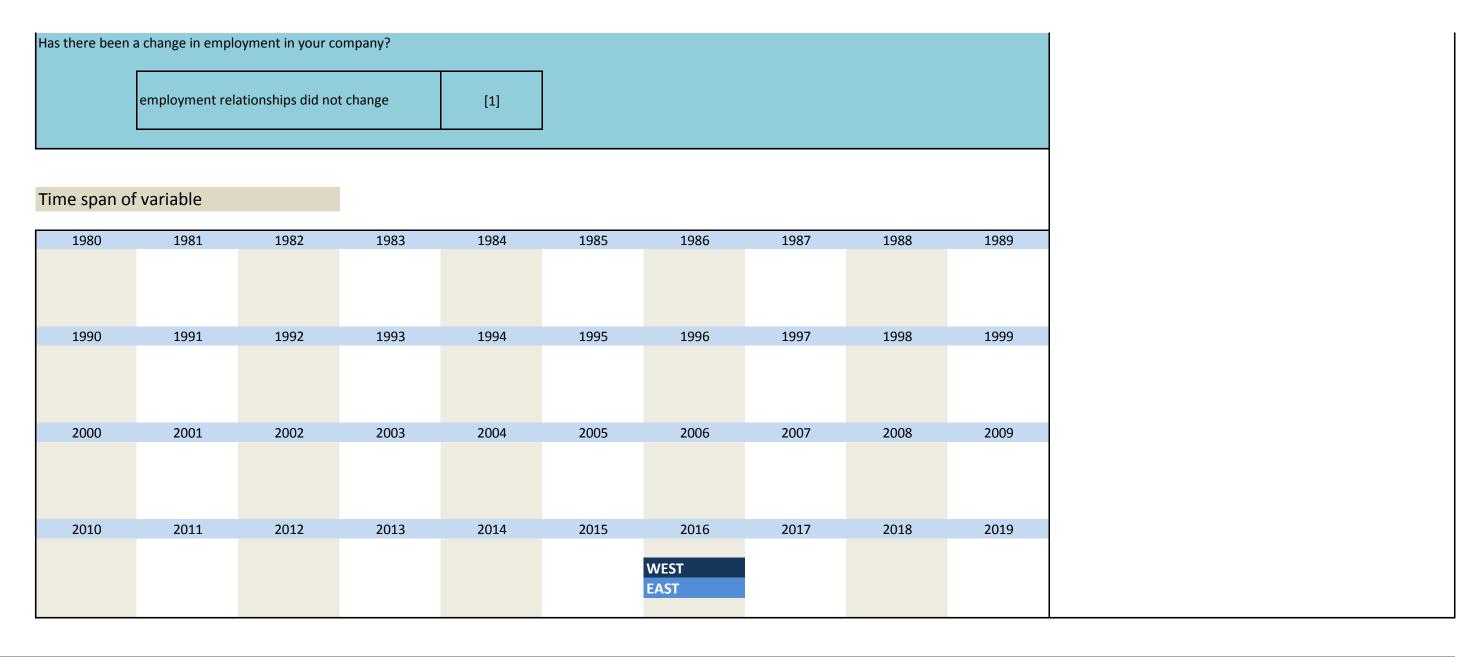
No.	Name		Label				Survey perio	d		Survey frequency
3.145)	vg_minim_p	ost9	minijobs transfo	rmed into insura	ble employmen	t	East and We	st 03/2016		once
Wording of	question									
										Further information
03/2016										
01.01.2015 the	universal minimu	m wage was impl	emented. Is your	company affecte	ed by this regula	ation?				
Has there been	n a change in empl	oyment in your co	ompany?							
	mainii aha wana ta		noabla							
	minijobs were tr employment	ransformed into i	nsurable	[1]						
Time 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	
2000	2001	2002	2003	2001	2003	2000	2007	2000	2003	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						EAST				

No.	Name	Label	Survey period	Survey frequency
3.146)	vg_minim_post10	new insurable employment	East and West 03/2016	once
Wording of o	question			



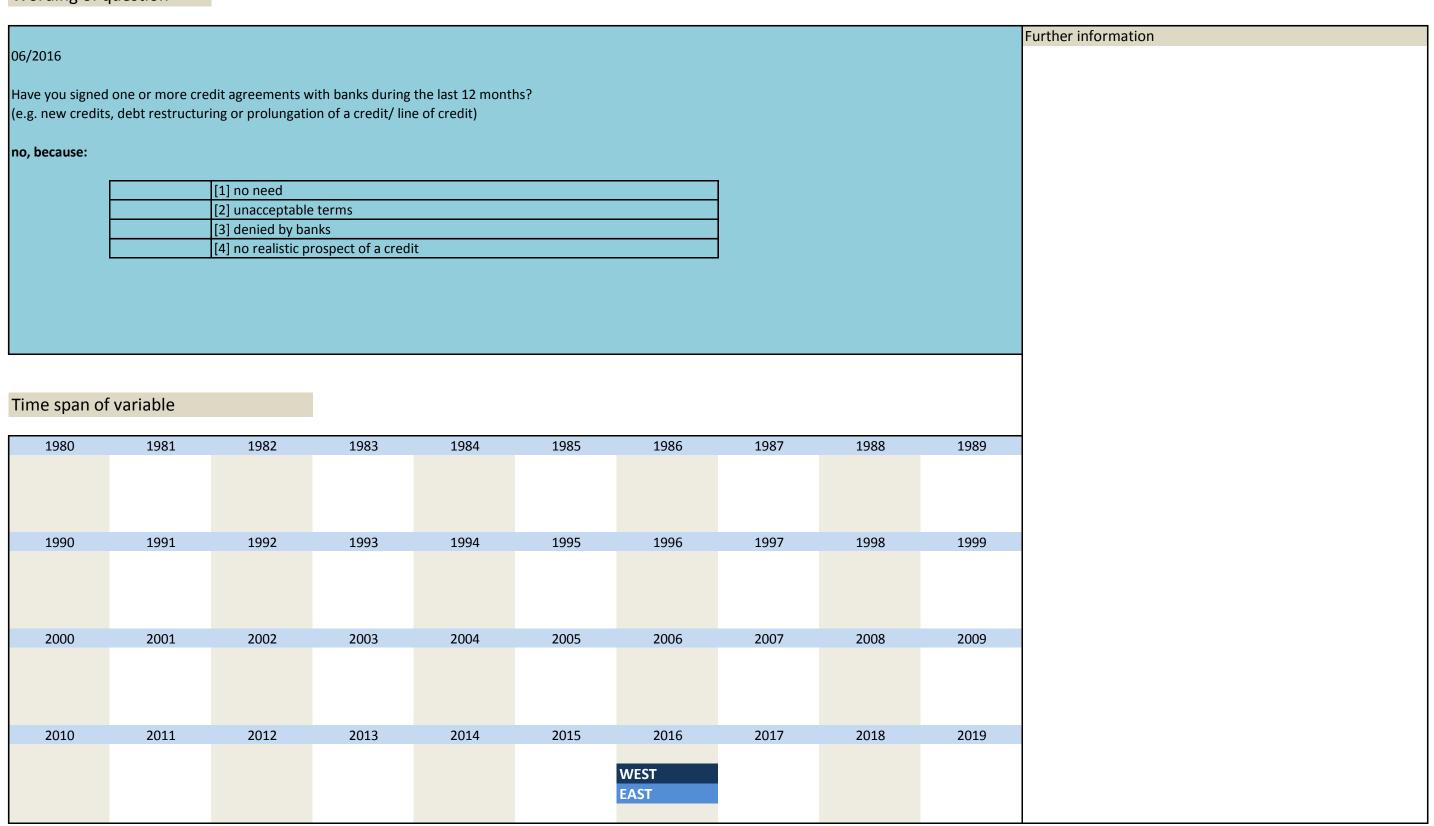
	new insurable e	ew insurable employment was generated		[1]					
Time span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						WEST			

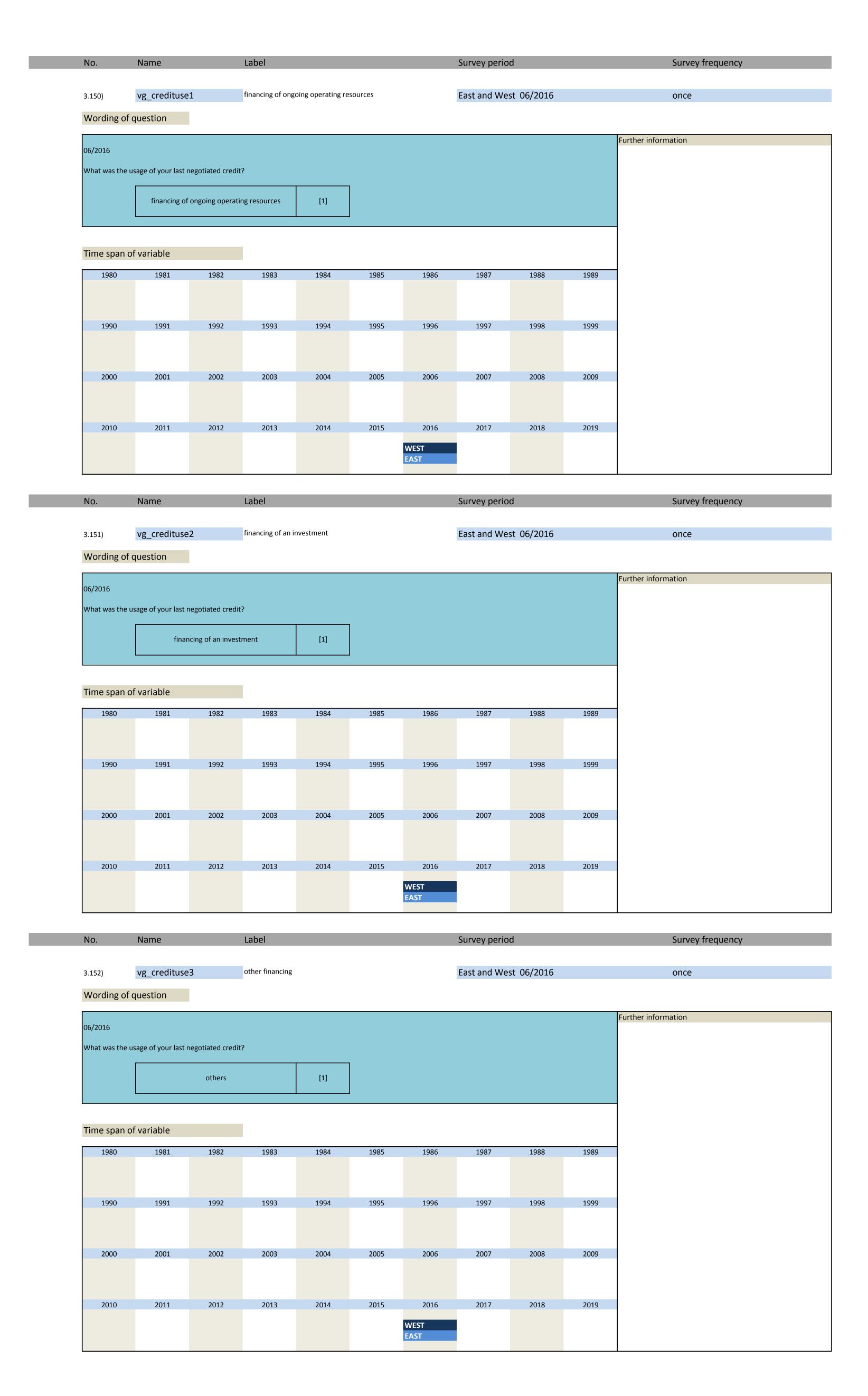
No.	Name	Label	Survey period	Survey frequency
3.147)	vg_minim_post11	employment relationships did not change	East and West 03/2016	once
Wording of	fauestion			
Wording or	question			
03/2016				Further information
101.01.2015 the	e universal minimum wage was	implemented. Is your company affected by this regulation?		



	Name		Label				Survey perio	d		Survey frequency
3.148)	vg_credityes		credit agreemen	t signed			East and We	st 06/2016		once
Nording of	question									
	•									le u · c · ·
06/2016										Further information
łave vou signe	ed one or more crec	lit agreements v	with hanks during t	he last 12 month	hs?					
	its, debt restructuri				113.					
'es:										
		[1] amount and	conditions as expe	arted			l			
		[2] amount as e	xpected, worse co	nditions						
			s expected, lower on the and worse cond		cted					
		· ·		<u>'</u>						
ime span c	of variable									
1980	1981	1982	1983	1984	1005					
				1301	1985	1986	1987	1988	1989	
				1301	1985	1986	1987	1988	1989	
				1301	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1985	1986 1996	1987 1997	1988 1998	1989 1999	
1990	1991	1992	1993							
1990	1991	1992	1993							
				1994	1995	1996	1997	1998	1999	
1990 2000	1991 2001	1992 2002	1993 2003							
				1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
				1994	1995	1996 2006	1997	1998	1999	
2000	2001	2002	2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

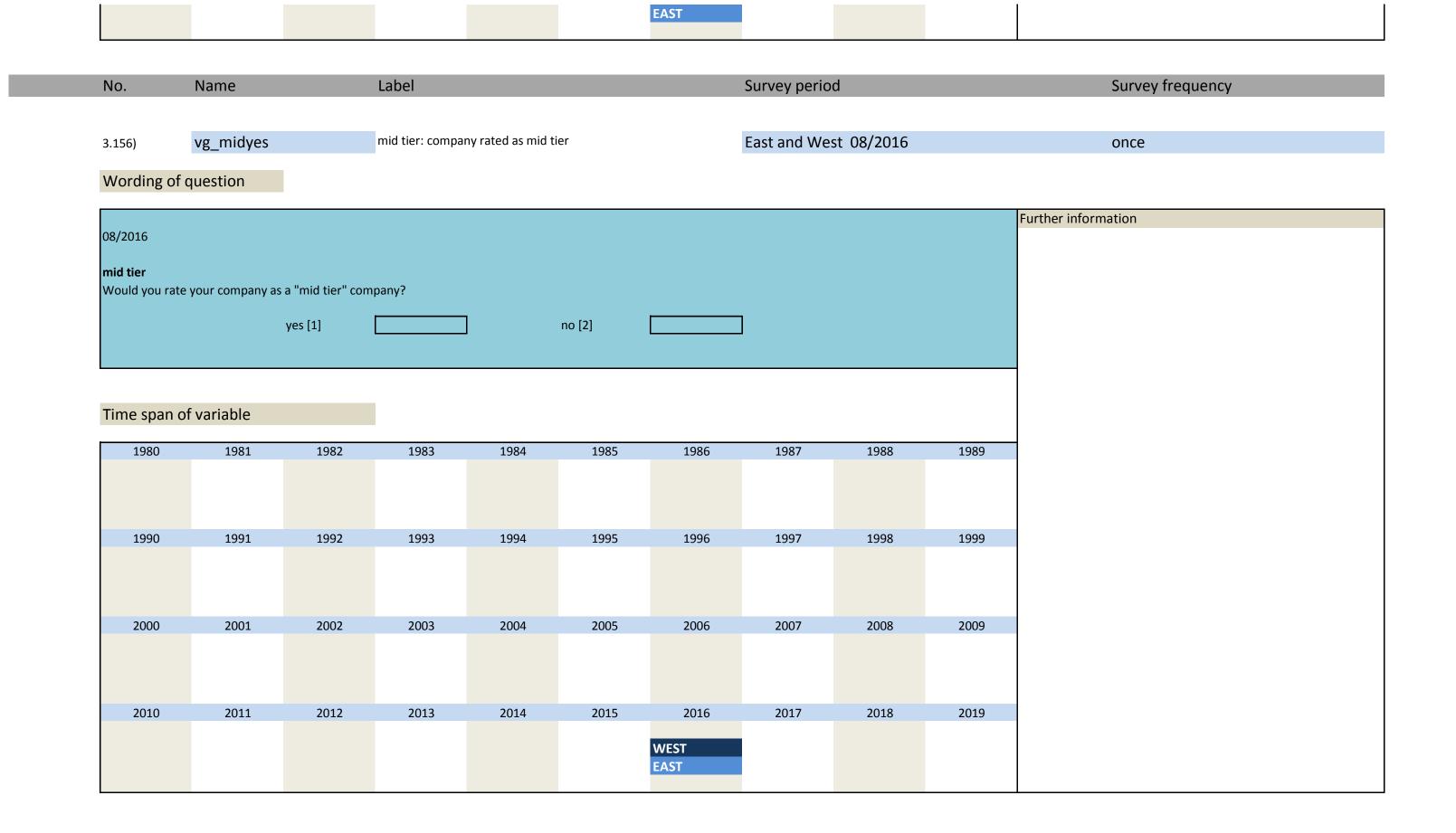
No.	Name	Label	Survey period	Survey frequency
3.149)	vg_creditno	credit agreement not signed	East and West 06/2016	once





Section Sect	No.	Name		Label				Survey perio	d		Survey frequency	
Control of September												
According to the property of	.153)	vg_brexit		expected impact f	rom brexit			East and We	st 06/2016		once	
Mary	ording of	question										
Control Cont											Further information	
Company Comp)16											
Part	at impact fo	or your company d	o you expect fro	m a possible Brexit?	?							
Respond September Septem						positive [1]]				
Secretary Secr						negative [2]]				
Second								- 				
1802 1804 1804 1804 1804 1804 1804 1805 1805 1804 1805 1804 1805 1804 1805 1804 1805 1804 1805												
1906												
1984	ne span c	of variable										
2007	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
200 200 200 200 200 200 200 200 200 200												
2007 3861 2002 5005 1005 5005 2005 2005 2006 3007 5018 5009 201 Name Limit Source So												
201	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
Name												
Manual M												
Name	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
Name												
Name	2010	2011	2012	2012	2014	2015	2016	2017	2010	2010		
Name	2010	2011	2012	2013	2014	2015		2017	2018	2019		
Name Label Survey period Survey Requestry												
Column September First September First September Sep												
Ead and West 108/2015 Once Total and West 108/2016 Once Total and Mest 108/2016 Once Total an		Name		Labol				Survey perio	d		Survey frequency	
Superior Continue	•	Name		Label				Jurvey perio	u		Julyey frequency	
The special content of the content o	54)	vg midmana	ager	mid tier: more tha	an 4 managers			East and We	st 08/2016		once	
Part												
Survey Fee F	ording of	question										
Second Process Proce	3/2016										Further information	
Marie Mari												
Time span of variable 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 1990 2001 2002 2003 2004 2005 2006 2006 2006 2006 2006 2006 2006												
me span of variable 1390		ipany have more tl	han 4 managers?									
1980 1981 1982 1993 2994 1985 1986 1987 1998 1998 1980 1981 1992 1993 2994 1995 1986 1987 1998 1998 2000 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 1993 1994 1995 1998 1998 1998 1998 1998 1998 1998		pany have more tl				no [2]]]				
1990 1991 1992 1992 1992 1992 1993 1994 1995 1996 1997 1998 1999 2700 2001 2010 2010 2010 2010 2010 2010		ipany have more tl				no [2]]				
1980 1981 1982 1989 2984 1985 1985 1989 2988 1989 1990 1991 1992 1999 2994 1985 1966 1999 2998 1989 2010 2011 2012 2012 2012 2014 2014 2015 2016 2017 2018 2019 2010 2011 2012 2012 2013 2014 2015 2015 2015 2015 2017 2018 2019 2010 1991 1991 1991 1991 1991 1991 1991		ipany have more tl				no [2]]				
1990 1992 1992 1992 1992 1994 1994 1995 1995 1997 2000 1999 1999 1999 1999 1999 1999 1999	me span o					no [2]]				
2010 2011 2022 2018 2014 2015 2016 2017 2018 2019 2010 2011 2012 2018 2014 2015 2016 2017 2018 2019 2010 2011 2012 2018 2014 2015 2016 2017 2018 2019 2010 0. Name		of variable	yes [1]		1094		1096	1097	1000	1090		
2010 2011 2022 2018 2014 2015 2016 2017 2018 2019 2010 2011 2012 2018 2014 2015 2016 2017 2018 2019 2010 2011 2012 2018 2014 2015 2016 2017 2018 2019 2010 0. Name		of variable	yes [1]		1984		1986	1987	1988	1989		
2010 2011 2012 2018 2014 2015 2019 2019 2019 2010 2011 2012 2018 2014 2015 2019 2017 2018 2019 2010 2011 2012 2018 2014 2015 2019 2017 2018 2019 2010 2011 2012 2018 2014 2015 2019 2017 2018 2019 2010 2011 2012 2018 2019 2010 2011 2012 2018 2019 2010 2011 2012 2018 2019 2010 2011 2012 2018 2019 2010 2011 2012 2018 2019 2010 2011 2012 2018 2019 2010 2011 2012 2018 2019 2010 2011 2019 2019 2010 2011 2012 2018 2019 2010 2010 2018 2019 2010 2018 2018 2019 2010 2018 2018 2019 2010 2018 2018 2019 2010 2018 2018 2018 2010 2018 2018 2019 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2018 2010 2018 2018 2010 2018 2018 2010 2018 2018 2010 2018 2018 2010 2018 2018 2010 2018		of variable	yes [1]		1984		1986	1987	1988	1989		
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST O. Name Label Survey period Survey frequency Ording of question V2016 Value Very fill no [2] Market I least one managers had shares of your company Yes [1] no [2] Market I least one of your managers had shares of your company Yes [1] 1982 1983 1984 1985 1986 1987 1988 1989 1990 1981 1992 1992 1993 1994 1995 1996 1987 1988 1989 2000 2001 2002 2002 2003 2004 2005 2006 2006 2007 2008 2009	1980	of variable 1981	yes [1] 1982	1983		1985						
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST O. Name Label Survey period Survey frequency Ording of question 7/2016 difference of your managers hold shares of your company yes [1]	1980	of variable 1981	yes [1] 1982	1983		1985						
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST EAST O. Name Label Survey period Survey frequency Ording of question 7/2016 difference of your managers hold shares of your company yes [1]	1980	of variable 1981	yes [1] 1982	1983		1985						
WEST FAST	1980 1990	of variable 1981 1991	yes [1] 1982 1992	1983	1994	1985	1996	1997	1998	1999		
WEST FAST	1980 1990	of variable 1981 1991	yes [1] 1982 1992	1983	1994	1985	1996	1997	1998	1999		
WEST FAST PAST	1980 1990	of variable 1981 1991	yes [1] 1982 1992	1983	1994	1985	1996	1997	1998	1999		
Name Label Survey period Survey frequency	1980 1990 2000	of variable 1981 1991 2001	yes [1] 1982 1992 2002	1983	1994 2004	1985 1995 2005	1996 2006	1997 2007	1998 2008	1999 2009		
Further information	1980 1990 2000	of variable 1981 1991 2001	yes [1] 1982 1992 2002	1983	1994 2004	1985 1995 2005	1996 2006	1997 2007	1998 2008	1999 2009		
East and West 08/2016 Once	1980 1990 2000	of variable 1981 1991 2001	yes [1] 1982 1992 2002	1983	1994 2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007	1998 2008	1999 2009		
East and West 08/2016 once Vording of question	1980 1990 2000	of variable 1981 1991 2001	yes [1] 1982 1992 2002	1983	1994 2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007	1998 2008	1999 2009		
Further information	1980 1990 2000 2010	of variable 1981 1991 2001	yes [1] 1982 1992 2002	1983 1993 2003	1994 2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007 2017	1998 2008 2018	1999 2009	Survey frequency	
Further information	1980 1990 2000 2010	of variable 1981 1991 2001	yes [1] 1982 1992 2002	1983 1993 2003	1994 2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007 2017	1998 2008 2018	1999 2009	Survey frequency	
Further information	1980 1990 2000 2010	of variable 1981 2001 2011 Name	yes [1] 1982 1992 2002	1983 1993 2003 2013	2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009		
	1980 1990 2000 2010	of variable 1981 1991 2001 2011 Name vg_midmans	yes [1] 1982 1992 2002	1983 1993 2003 2013	2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009		
id tier uses at least one of your managers hold shares of your company yes [1]	1980 1990 2000 2010	of variable 1981 1991 2001 2011 Name vg_midmans	yes [1] 1982 1992 2002	1983 1993 2003 2013	2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009	once	
rime 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	1980 1990 2000 2010 Vording of	of variable 1981 1991 2001 2011 Name vg_midmans	yes [1] 1982 1992 2002	1983 1993 2003 2013	2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009	once	
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	1980 1990 2000 2010 Vording of 8/2016	of variable 1981 1991 2001 2011 Name vg_midmans	yes [1] 1982 1992 2002	1983 1993 2003 2013	2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009	once	
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	1980 1990 2000 2010 2010 Vording of 8/2016 hid tier	of variable 1981 1991 2001 2011 Name vg_midmans question	yes [1] 1982 1992 2002 share	1983 1993 2003 2013 Label mid tier: at least o	2004	1985 1995 2005	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009	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	1980 1990 2000 2010 Vording of 8/2016 hid tier	of variable 1981 1991 2001 2011 Name vg_midmans question	1982 1992 2002 2012 chare	1983 1993 2003 2013 Label mid tier: at least o	2004	1985 1995 2005 2015	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009	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	1980 1990 2000 2010 Jo. 155) Vording of 8/2016 hid tier	of variable 1981 1991 2001 2011 Name vg_midmans question	1982 1992 2002 2012 chare	1983 1993 2003 2013 Label mid tier: at least o	2004	1985 1995 2005 2015	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009	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	1980 1990 2000 2010 0. 155) Vording of 8/2016 id tier	of variable 1981 1991 2001 2011 Name vg_midmans question	1982 1992 2002 2012 chare	1983 1993 2003 2013 Label mid tier: at least o	2004	1985 1995 2005 2015	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009	once	
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	1980 1990 2000 2010 2010 /ording of 3/2016 id tier pes at least of	of variable 1981 1991 2001 2011 Name vg_midmans question	1982 1992 2002 2012 chare	1983 1993 2003 2013 Label mid tier: at least o	2004	1985 1995 2005 2015	1996 2006 2016 WEST	1997 2007 2017 Survey perio	1998 2008 2018	1999 2009	once	
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	1980 1990 2000 2010 2010 3/2016 id tier bes at least of	of variable 1981 2001 2011 Name vg_midmans question of variable	yes [1] 1982 1992 2002 2012 ers hold shares of yes [1]	1983 1993 2003 2013 Label mid tier: at least o	2004 2014 2014	1985 1995 2005 2015 as shares	2006 2016 WEST EAST	2007 2017 Survey perio East and Wes	1998 2008 2018 d	2009	once	
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	1980 1990 2000 2010 2010 7 ording of sid tier bes at least of the span of	of variable 1981 2001 2011 Name vg_midmans question of variable	yes [1] 1982 1992 2002 2012 ers hold shares of yes [1]	1983 1993 2003 2013 Label mid tier: at least o	2004 2014 2014	1985 1995 2005 2015 as shares	2006 2016 WEST EAST	2007 2017 Survey perio East and Wes	1998 2008 2018 d	2009	once	
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009	1980 1990 2000 2010 2010 7 ording of sid tier bes at least of the set	of variable 1981 2001 2011 Name vg_midmans question of variable	yes [1] 1982 1992 2002 2012 ers hold shares of yes [1]	1983 1993 2003 2013 Label mid tier: at least o	2004 2014 2014	1985 1995 2005 2015 as shares	2006 2016 WEST EAST	2007 2017 Survey perio East and Wes	1998 2008 2018 d	2009	once	
	1980 1990 2000 2010 2010 /ording of did tier pes at least of the did	of variable 1981 2001 2011 Name vg_midmans question of variable 1981	yes [1] 1982 1992 2002 2012 2012 1982	1983 2003 2013 Label mid tier: at least o	1994 2004 2014 2014	1985 1995 2005 2015 no [2]	1996 2006 WEST EAST	1997 2007 2017 Survey perio East and Wes	1998 2008 2018 d st 08/2016	1999	once	
	1980 1990 2000 2010 2010 3/2016 id tier bes at least of 1980	of variable 1981 2001 2011 Name vg_midmans question of variable 1981	yes [1] 1982 1992 2002 2012 2012 1982	1983 2003 2013 Label mid tier: at least o	1994 2004 2014 2014	1985 1995 2005 2015 no [2]	1996 2006 WEST EAST	1997 2007 2017 Survey perio East and Wes	1998 2008 2018 d st 08/2016	1999	once	
	1980 1990 2000 2010 2010 3/2016 3/2016 3/2016 ime span of 1980	of variable 1981 2001 2011 Name vg_midmans question of variable 1981	yes [1] 1982 1992 2002 2012 2012 1982	1983 2003 2013 Label mid tier: at least o	1994 2004 2014 2014	1985 1995 2005 2015 no [2]	1996 2006 WEST EAST	1997 2007 2017 Survey perio East and Wes	1998 2008 2018 d st 08/2016	1999	once	
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	1980 1990 2000 2010 2010 7 ording of sid tier oes at least of 1980 1990 1990	of variable 1981 1991 2001 2011 Name vg_midmans question of variable 1981 1991	yes [1] 1982 1992 2002 2012 ers hold shares of yes [1] 1982	1983 1993 2003 2013 Label mid tier: at least of 1983 1983	1994 2004 2014 2014 1984	1985 1995 2005 2015 as shares	1996 2006 2016 WEST EAST 1986	1997 2007 2017 Survey perio East and West 1987	1998 2008 2018 d st 08/2016	1999	once	
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	1980 1990 2000 2010 2010 3/2016 id tier bes at least of 1980 1990	of variable 1981 1991 2001 2011 Name vg_midmans question of variable 1981 1991	yes [1] 1982 1992 2002 2012 ers hold shares of yes [1] 1982	1983 1993 2003 2013 Label mid tier: at least of 1983 1983	1994 2004 2014 2014 1984	1985 1995 2005 2015 as shares	1996 2006 2016 WEST EAST 1986	1997 2007 2017 Survey perio East and West 1987	1998 2008 2018 d st 08/2016	1999	once	
	1980 1990 2000 2010 2010 3/2016 3/2016 id tier oes at least of 1980 1990	of variable 1981 1991 2001 2011 Name vg_midmans question of variable 1981 1991	yes [1] 1982 1992 2002 2012 ers hold shares of yes [1] 1982	1983 1993 2003 2013 Label mid tier: at least of 1983 1983	1994 2004 2014 2014 1984	1985 1995 2005 2015 as shares	1996 2006 2016 WEST EAST 1986	1997 2007 2017 Survey perio East and West 1987	1998 2008 2018 d st 08/2016	1999	once	

WEST



4. Special question Innovation

No. Name Label Survey period Survey frequency

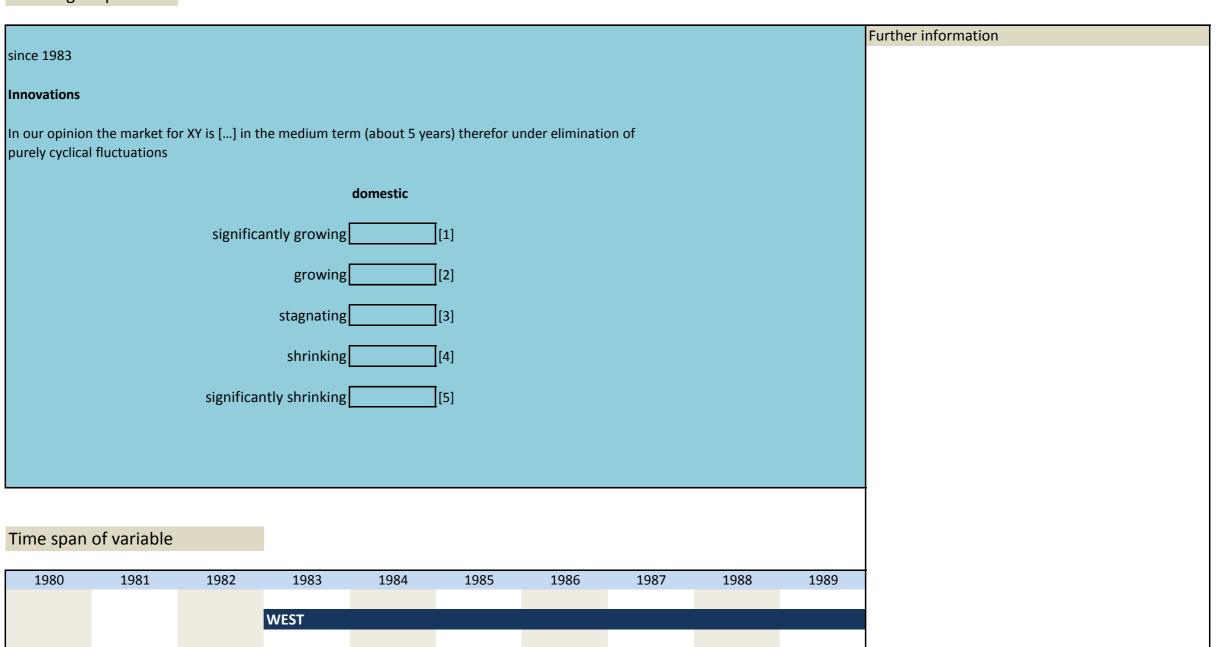
4.1) vg_market_national_1 development of national markets in next 5 years

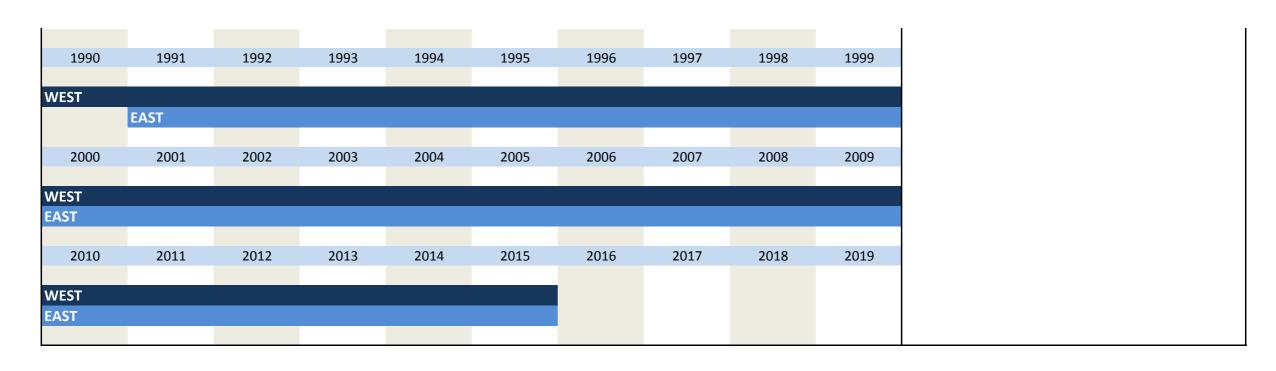
West 12/1981 - 12/1982 annual

Wording of question

										Further information
981 & 1982										
nnovations										
	n the market fo I fluctuations	or XY is [] in th	ne medium ter	m (about 5 ye	ars) therefor u	nder eliminati	on of			
				domestic						
			growing		[1]					
			stagnating		[2]					
			shrinking		[3]					
					1					
ime span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981 WFST	1982	1983	1984	1985	1986	1987	1988	1989	
	1981 WEST	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983 1993	1984	1985 1995	1986 1996	1987 1997	1988 1998	1989 1999	
	WEST									
	WEST									
	WEST									
1990	WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	
1990	WEST 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991 2001	1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	

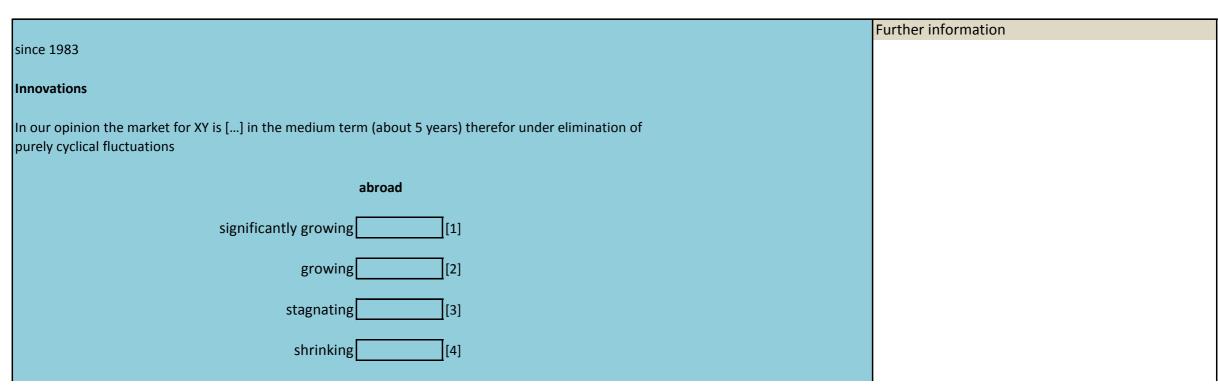
No.	Name	Label		Survey period	Survey frequency
4.2)	vg_market_national_2	2	development of national markets	West since 12/1983	annual
			in next 5 years	East since 12/1991	annual





No. Name Label Survey period Survey frequency West 12/1981 - 12/1982 vg_market_abroad_1 annual 4.3) development of foreign markets in next 5 years Wording of question Further information 1981 & 1982 Innovations In our opinion the market for XY is [...] in the medium term (about 5 years) therefor under elimination of purely cyclical fluctuations abroad growing [1] stagnating shrinking Time span of variable WEST

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	



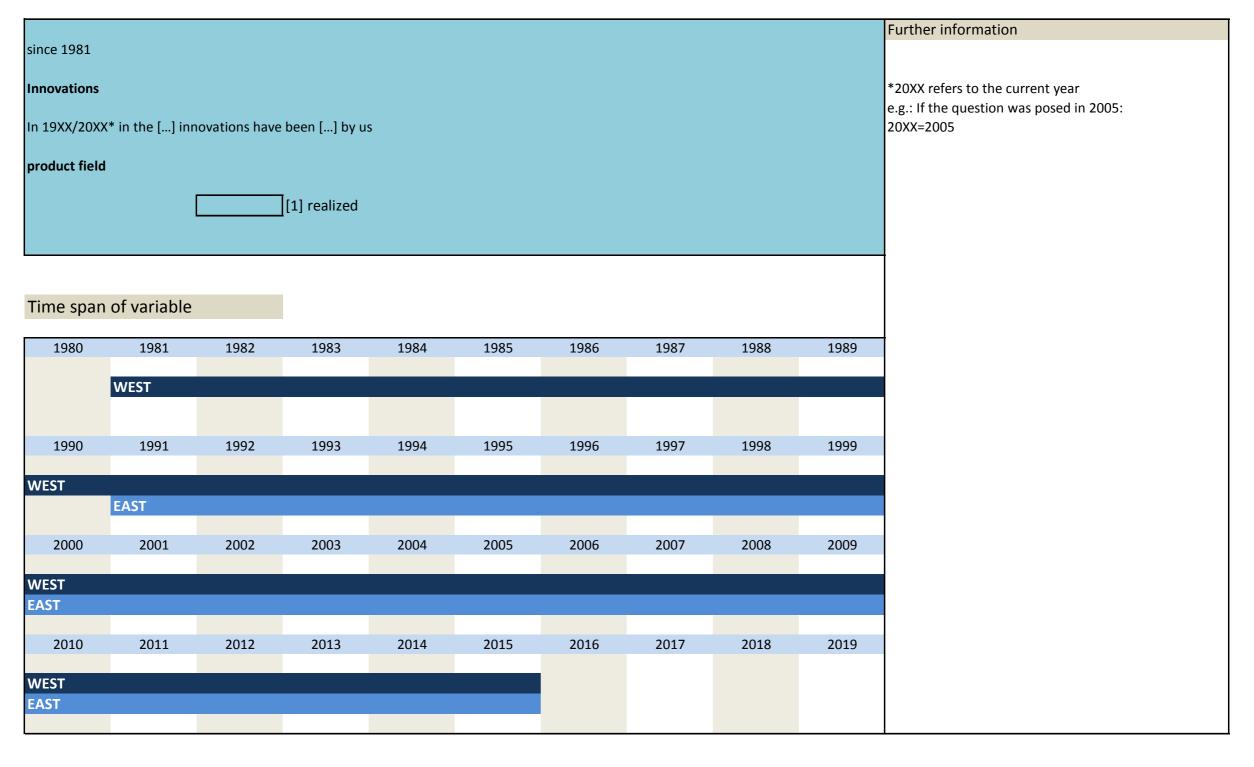
		significan	ntly shrinking		[5]				
Time span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
			WEST						
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
WEST									
	EAST								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
									
WEST EAST	_	_	_	_	_	_	_	_	
2010	2011	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	g of question			

rely cyclica	ifluctuations									1
				total						
		significa	antly growing		[1]					
			growing		[2]					
			stagnating		[3]					
			shrinking		[4]					
		significar	ntly shrinking		[5]					
		, in the second								
me span	of variable									
me span	of variable	1982	1983 WEST	1984	1985	1986	1987	1988	1989	
				1984	1985 1995	1986	1987 1997	1988	1989	
1980	1981		WEST							
1980 1990	1981		WEST							
1980 1990 /EST	1981 1991		WEST							
1980 1990 EST	1981 1991 EAST	1992	WEST 1993	1994	1995	1996	1997	1998	1999	
1980 1990 EST 2000	1981 1991 EAST	1992	WEST 1993	1994	1995	1996	1997	1998	1999	

IVO.	Name La	ibei	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
			Last since 12/1991	aiiiiuai



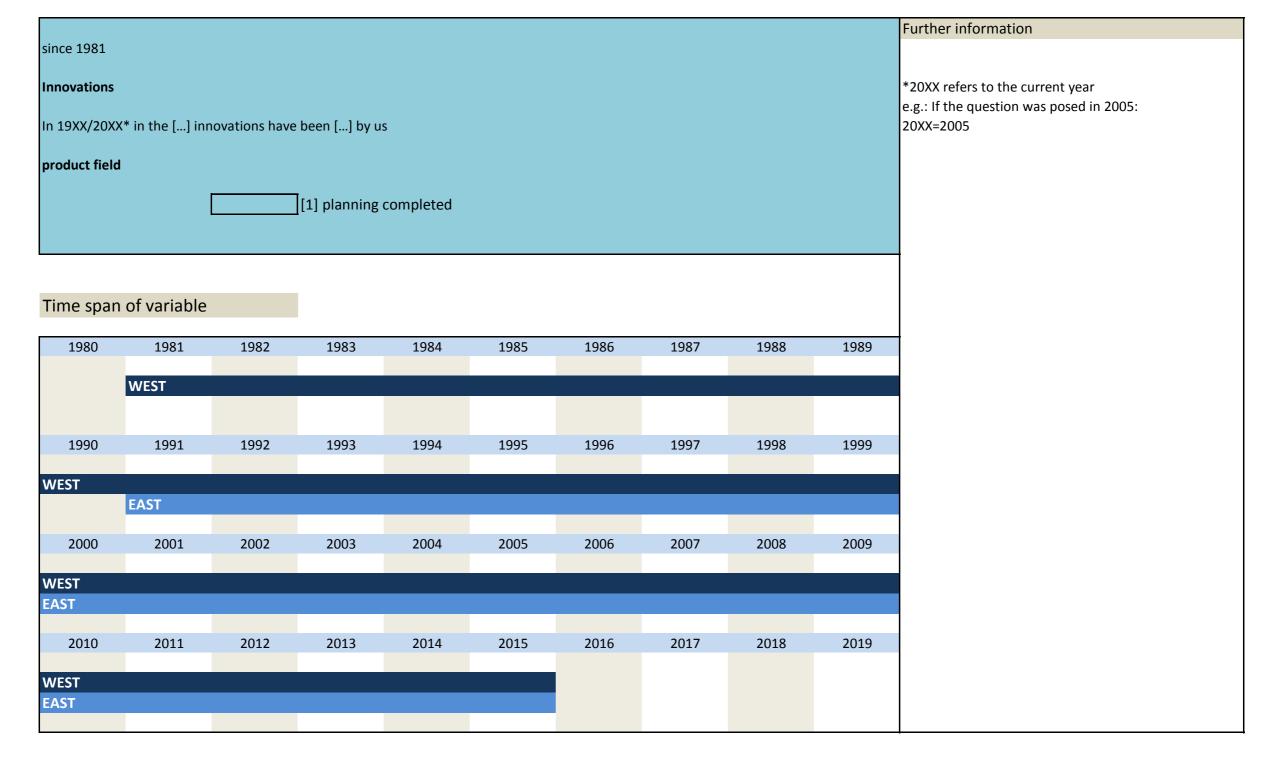
No.	Name Lab	pel	Survey period	Survey frequency
4.8)	vg_prod_inno_aborted	product innovation aborted this year	West since 12/1981	annual

East since 12/1991 annual

Wording of question



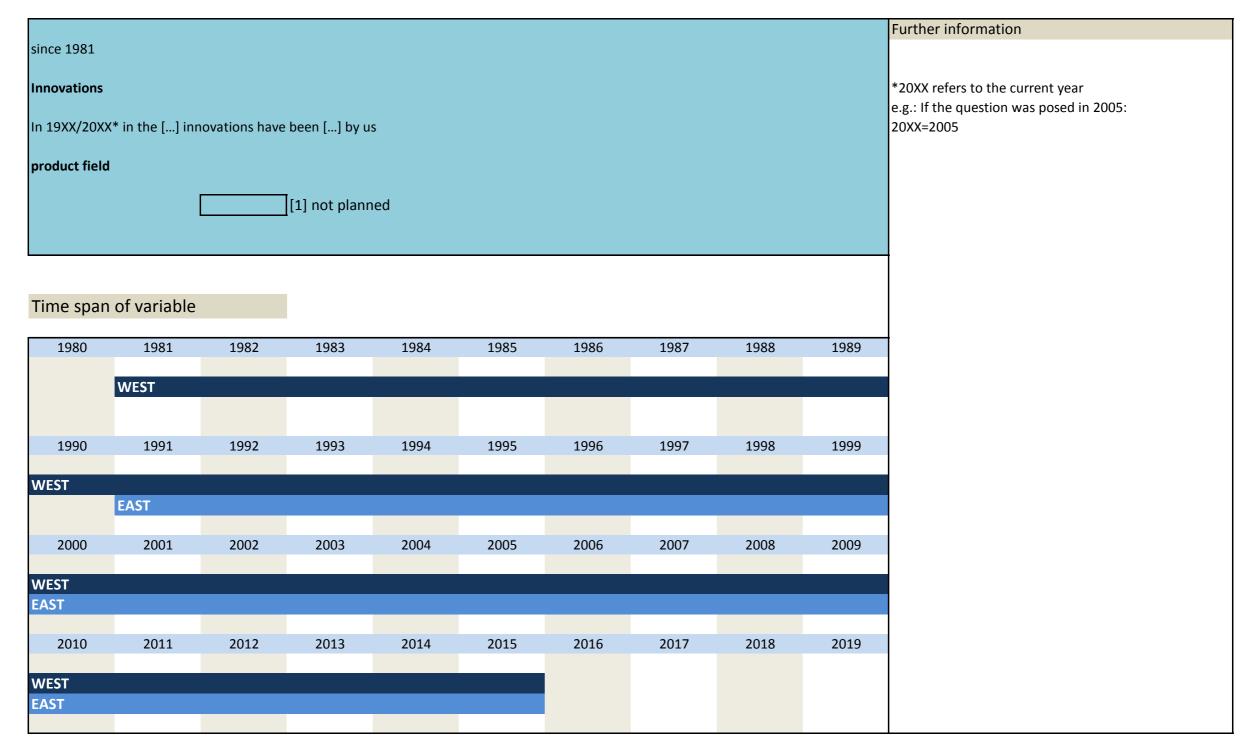
No.	Name Label		Survey period	Survey frequency
4.9)	vg_prod_inno_plan_completed	product innovation planning	West since 12/1981	annual
		completed this year	East since 12/1991	annual



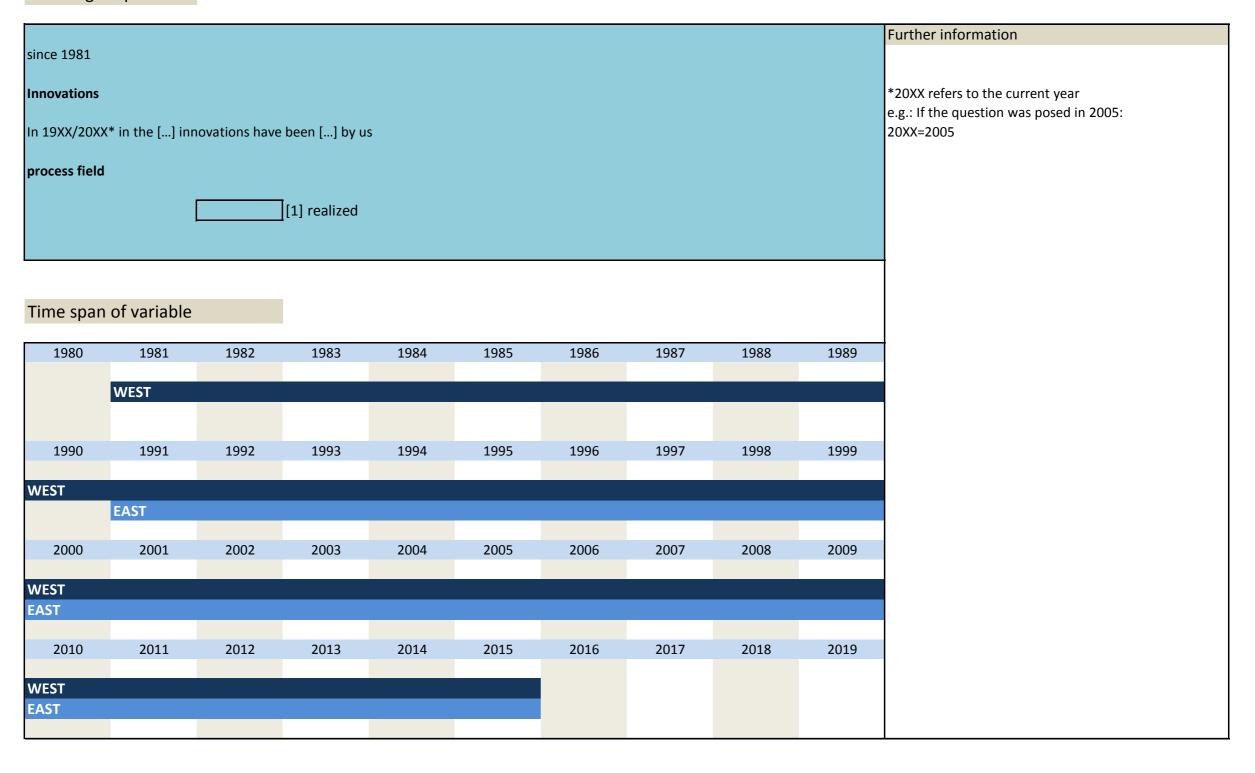
NO.	Name L	Labei		Survey period	Survey frequency
4.10)	vg_prod_inno_in_planr	ning	product innovation still in planning	West since 12/1981	annual
- 1	0_1 1			·	
			stage this year	East since 12/1991	annual

										Further information
since 1981										
Innovations										*20XX refers to the current year e.g.: If the question was posed in 2005:
										20XX=2005
product field										
			[1] still in pla	nning stage						
	'		•							
			ı							
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										
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	
			West since 12/1001	1	
4.11)	vg_prod_inno_np	product innovation not planned	West since 12/1981	annual	
		this vear	East since 12/1991	annual	

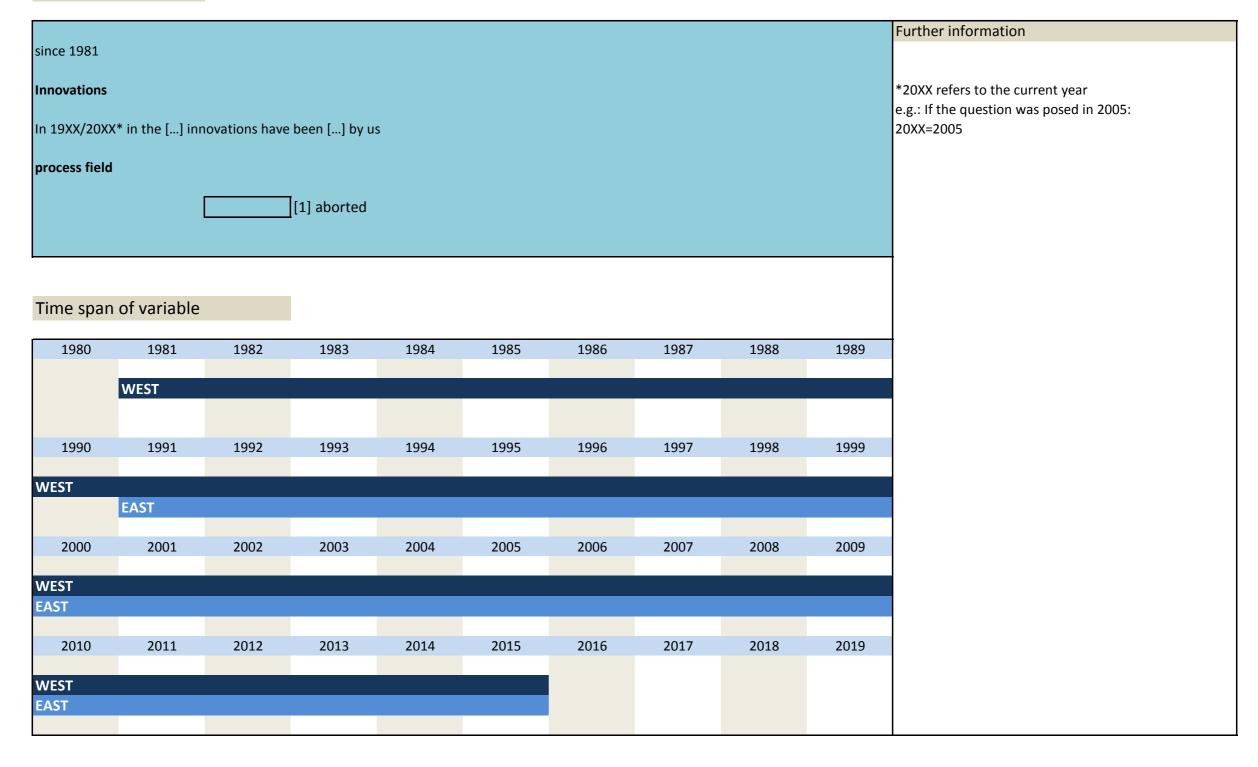


No.	Name Label		Survey period	Survey frequency
4.12)	vg_process_inno_realized	process innovation realized this	West since 12/1981	annual
		year	East since 12/1991	annual



No.	Name Label		Survey period	Survey frequency	1
4.13)	vg_process_inno_aborted	process innovation aborted this year	West since 12/1981	annual	
			East since 12/1991	annual	

Wording of question



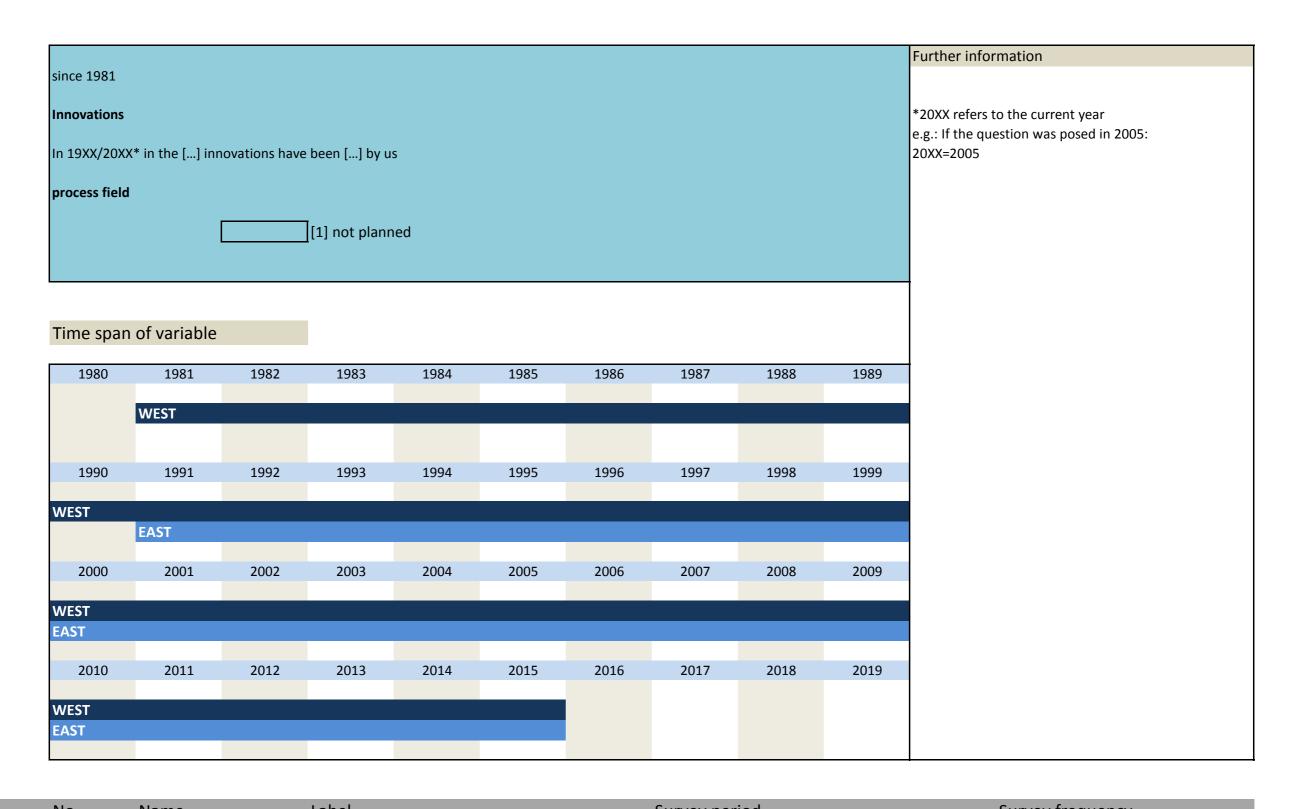
No.	Name	Label	Survey period	Survey frequency
4.14)	vg_process_inno_pla	an_complete process innovation planning	West since 12/1981	annual
		completed this year	East since 12/1991	annual

										Further information
since 1981										
Innovations										
In 10VV/20V	V* in tha [] inn	ovations have	*20XX refers to the current year							
111 1988/208	X* in the [] inn	iovations nave	been [] by us	•						e.g.: If the question was posed in 2005: 20XX=2005
process field	I									
			[1] planning (completed						
	'									
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST	EAST		_	_	_	_	_	_	_	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
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/20XX	(* in the [] inn	ovations have	20XX=2005							
process field										
			[1] still in pla	nning stage						
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WEST										
	EAST									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST										
EAST										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency	
4.16)	vg_process_inno_np	process innovation not planned	West since 12/1981	annual	
•	0_1 1	this year	East since 12/1991	annual	
		•	•		



NO.	Name L	apei	Survey period	Survey frequency
4 17\	va share inno phase	chara of turnovar in stage of	West since 12/1981	annual
4.17)	vg_share_inno_phase	share of turnover in stage of	West since 12/1301	aiiiuai
		product launch	East since 12/1991	annual

										Further information
since 1981										
	products of pro		*20XX refers to the current year e.g.: If the question was posed in 2005: 20XX=2005							
nave been in	the following s	tages (estimati	es are sufficier	it):						
			% product l	aunch stage (Innovation)					
			- product i	aunen stage (iiiiovatioiij					
			ı							
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	
	2011	2012	2010	2011	2010	2010	2017	2010	2313	
WEST EAST										

NO.	Name	Label		Survey period	Survey frequency
4.18)	vg_share_growth_pl	hase	share of turnover in stage of	West since 12/1981	annual
			positive growth	East since 12/1991	annual
Wording	of question				
Wording.	or question				
					Further information

since	e 1981										
Inno	ovations		*20XX refers to the current year								
		products of pro the following s	e.g.: If the question was posed in 2005: 20XX=2005								
Tim	ne span	of variable									
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
		WEST									
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
WES	ST	EAST	_	_	_	_	_	_	_	_	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
		2301									
WES EAS											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WES	ST										
EAS											

No.	Name	Label		Survey period	Survey frequency
4.19)	vg_share_stagnation_	phase	share of turnover in stage of	West since 12/1981	annual
- 7	<u>8_</u> : : : <u>_</u> :::8 :: <u>_</u>		· ·	•	
			stagnation	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:
	products of pro		20XX=2005							
have been in	the following s	tages (estimate								
			% stage of s	tagnation						
Time snan	of variable									
Time Span	TOT VALIABLE									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	WEST									
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1330	1551	1332	1993	1334	1333	1550	1337	1330	1333	
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										
										<u> </u>

No.	Name Label		Survey period	Survey frequency
4.20)	vg_share_negative_growth	share of turnover in stage of	West since 12/1981	annual
		negative growth	East since 12/1991	annual
Wording	of question			
				Further information
since 1981				

Innovations										*20XX refers to the current year
	products of pro the following s		e.g.: If the question was posed in 2005: 20XX=2005							
Time snan	n of variable									
Tille span	i di valiable		l							
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	2012	2011	2617	2015	2017	2012	2012	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
WEST										