

## **List of Variables**

# **Business Survey Service Sector**

## Data: 10/2004-06/2019

As of September 2019

Contents Description of Variables Page 1-3 Page 4-75

LMU-ifo Economics & Business Data Center (EBDC)

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## List of variables - Ifo Business Survey Service Sector

1. Variables of identification

1. Variables of identification

2. Standard questions

No.	Name	Label	German description
1.1)	survey	survey	Umfrage
1.2)	year	year	Erhebungsjahr
1.3)	month	month	Monat
1.4)	idnum	firm X address file id	Firmenidentifikationsnummer
1.5)	runnum	running number of plant	Laufende Firmennummer
1.6)	dl_plantnum	KT information id	12-stellige KT Identifikationsnummer
1.7)	sector_id	sector id	Sektor ID
1.8)	fedstaifo	federal state (ifo-code)	Bundesland entsprechend ifo Codierung
1.9)	sector_wz03	wz03 sector classification	Wirtschaftsbereich nach WZ03
1.10)	sector_wz08	wz08 sector classification	Wirtschaftsbereich nach WZ08
1.11)	sector_total	ebdc sector classification	Wirtschaftsbereich nach EBDC-eigener Klassifizierung
1.12)	dl_size	size range	Größenklasse
1.13)	dl_size_turnover	size of turnover	Umsatzgrößenklasse
1.14)	dl size employees	size of employees	Beschäftigtengrößenklasse

3. Special questions

## II. Variables regarding the survey process

No.	Name	Label	German description
1.15)	online	online	Fragebogen online beantwortet
1.16)	survey_start	survey start	Umfragebeginn
1.17)	survey_end	survey end	Umfrageende
1.18)	participation_date	participation date	Teilnahmedatum
1.19)	participation_hour	participation hour	Teilnahmestunde
1.20)	participation_status	participation status	Teilnahmestatus
1.21)	dl_participant	participation in this survey	Teilnahme

### 2. Standard questions

No.	Name	Label	German description
2.1)	dl_statebus	state of business (appraisal)	Beurteilung der Geschäftslage
2.2)	dl_statebus_sl	state of business (VAS)	Beurteilung der Geschäftslage (Slider)
2.3)	dl_statebus_clicks	state of business (clicks)	Beurteilung der Geschäftslage (Klicks)
2.4)	dl_busvolqu	business volume last 3 months	Entwicklung der Geschäftslage in den letzten 3 Monaten
2.5)	dl_demandsales	demand / sales volume last 2-3 months	Entwicklung der Nachfrage/des Umsatz in den letzten 2-3 Monaten
2.6)	dl demandlast	demand / sales last month versus same month of previous year	Entwicklung von Nachfrage/Umsatz im letzten Monat ggü. Vorjahresmonat
2.7)	dl orders	orders (appraisal)	Beurteilung des Auftragsbestandes
2.8)	dl_employlast	employees last 2-3 months	Entwicklung der Beschäftigtenzahl in den letzten 2-3 Monaten
2.9)	dl_demandexp	expected demand / sales volume for the next 2-3 months	Erwartete Entwicklung von Nachfrage/Umsatz in den nächsten 2-3 Monaten
2.10)	dl employexp	expected employees for the next 2-3 months	Erwartete Entwicklung der Beschäftigtenzahl
2.11)	dl expectbus	expected business situation for the next 6 months	Erwartete Geschäftsentwicklung in den nächsten 6 Monaten
2.12)	dl expectbus sl	expected business situation (VAS)	Erwartete Geschäftsentwicklung (Slider)
2.13)	dl_expectbus_clicks	expected business situation (clicks)	Erwartete Geschäftsentwicklung (Klicks)
2.14)	dl expectbus unc	uncertainty w.r.t. commercial operation	Slider Unsicherheit
2.15)	dl_pricenext	prices for the next 3 months	Erwartete Preisentwicklung in den nächsten 3 Monaten
2.16)	dl_emplpast	development employee last month	Entwicklung der Gesamtbeschäftigtenzahl im Vormonat
2.17)	dl_prvpm	prices versus past	Preise in Vergangenheit
2.18)	dl_ordvpm	orders versus past	Bestand an Aufträgen in Vergangenheit
2.19)	dl prestatebus unc	uncertainty: prediction of business situation	Unsicherheit der Lagevorhersage

### 3. Special questions

No.	Name	Label	German description
3.1)	dl_constrbus	constraints to business activity	Behinderung der Geschäftstätigkeit
3.2)	dl_lackdem	constaints by lack of demand	Behinderung der Geschäftstätigkeit durch unzureichende Nachfrage
3.3)	dl_skilllack	constaints: lack of skilled labour	Behinderung der Geschäftstätigkeit durch Mangel an Fachkräften
3.4)	dl_lacktec	constaints by lack of technical capacities	Behinderung der Geschäftstätigkeit durch zu geringe technische Kapazitäten
3.5)	dl_finan	constaints by problems of financing	Behinderung der Geschäftstätigkeit durch Finanzierungsengpässe
3.6)	dl lackroom	constaints by lack of room / business equipment	Behinderung der Geschäftstätigkeit durch Raummangel
3.7)	dl weather	constaints by weather conditions	Behinderung der Geschäftstätigkeit durch Wetterlage
3.8)	dl_mplack	constaints: lack of manpower	Behinderung der Geschäftstätigkeit durch Mangel an Arbeitskräften
3.9)	dl othrea	constaints by other reasons	Behinderung der Geschäftstätigkeit durch andere Ursachen
3.10)	dl kap1	potential of existing capacity	Potential der vorhandenen Kapazitäten
3.11)	dl kap2	potential capacity expantion in %	Potential der vorhandenen Kapazitäten in %
3.12)	dl fambus	family business	Familienunternehemen
3.13)	dl_minim1	minimum wage q1	Mindestlohn Frage 1
3.14)	dl_minim2	minimum wage q2	Mindestlohn Frage 2
3.15)	dl_minim3	minimum wage q3	Mindestlohn Frage 3
3.16)	dl_minim4	minimum wage q4	Mindestlohn Frage 4
3.17)	dl_minim5	minimum wage q5	Mindestlohn Frage 5
3.18)	dl_minim6	minimum wage q6	Mindestlohn Frage 6
3.19)	dl_minim7	minimum wage q7	Mindestlohn Frage 7
3.20)	dl minim8	minimum wage q8	Mindestlohn Frage 8

3.21) 3.22) 3.23)			
	dl_invest_lj	total investment last year	Entwicklung der Investititonen letztes Jahr
3.23)	dl_invcon_lj	investment in construction last year	Investitionen in Bauten letztes jahr
	dl_inveq_lj	investment in equipment last year	Investitionen in Ausrüstung letztes Jahr
3.24)	dl_invest_dj	ttoal investment this year	Investitionenerwartungen für das kommende Jahr
3.25)	dl_invcon_dj	einvestment in construction this year	Erwartete Investitionen in Bauten dieses Jahr
3.26)	dl_inveq_dj	investment in equipment this year	Erwartete Investitionen in Ausrüstung dieses Jahr
3.27)	dl_invest_nj	total investment next year	Investitionen im kommenden Jahr, insgesamt
3.28)	dl_invcon_nj	investment in construction next year	Investititonen im kommenden Jahr, Bauten
3.29)	dl_inveq_nj	investment in equipment next year	Investitionen im kommenden Jahr, Ausrüstung
3.30)		refugees question 1	Flüchtlinge Frage 1
	dl_ref1		
3.31)	dl_ref2	refugees question 2	Flüchtlinge Frage 2
3.32)	dl_ref3	refugees question 3	Flüchtlinge Frage 3
3.33)	dl_ref4	refugees question 4	Flüchtlinge Frage 4
3.34)	dl_ref5	refugees question 5	Flüchtlinge Frage 5
3.35)	dl_ref6	refugees question 6	Flüchtlinge Frage 6
3.36)	dl_ref7	refugees question 7	Flüchtlinge Frage 7
3.37)	dl ref8	refugees question 8	Flüchtlinge Frage 8
3.38)	dl_ref9	refugees question 9	Flüchtlinge Frage 9
3.39)	-	affected by minimum wage	
	dl_minim_post1	no minimum wage measures	von Mindestlohn betroffen
3.40)	dl_minim_post2		keine Mindestlohn- Maßnahmen
3.41)	dl_minim_post3	measures: employee reduction	Maßnahmen: Personalabbau
3.42)	dl_minim_post4	measures: working hour reduction	Maßnahmen: Arbeitszeitreduzierung
3.43)	dl_minim_post5	measures: increased prices	Maßnahmen: Preiserhöhungen
3.44)	dl_minim_post6	measures: decreased investment	Maßnahmen: verringerte Investitionen
3.45)	dl_minim_post7	measures: decreased special payments	Maßnahmen: Kürzungen von Sonderzahlungen
3.46)	dl minim post8	less minijobs	Minijobs weggefallen
3.47)	dl minim post9	minijobs transformed into insurable employment	Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt
3.47)	dl_minim_post10	new insurable employment	
		employment relationships did not change	neue soz.vers.pflichtige Besch.verhältnisse
3.49)	dl_minim_post11		keine veränderten Besch.Verhältnisse
3.50)	dl_credityes	credit agreement signed	Kreditvertrag abgeschlossen
3.51)	dl_creditno	credit agreement not signed	Kreditvertrag nicht abgeschlossen
3.52)	dl_credituse1	financing of ongoing operating resources	Finanzierung laufender Kreditmittel
3.53)	dl_credituse2	financing of an investment	Finanzierung einer Investition
3.54)	dl credituse3	other financing	Sonstiger Verwendungszweck
3.55)	dl_midmanager	mid tier: more than 4 managers	Mittlestand: mehr als 4 Manager
3.56)	dl_midmanshare	mid tier: at least one manager has shares	Mittelstand: Mindestens ein Manager hat Anteile
3.50)	-	•	
	dl_midyes	mid tier: company rated as mid tier	Mittelstand: Als Mittelstand eingeschätzt
3.58)	dl_credit2_1	credit seeking	Kreditverhandlungen durchgeführt
3.59)	dl_credit2_2	creditallocation	Kreditvergabe: Verhalten der Banken
3.60)	dl_credit2_3	reasons for not credit seeking	Gründe für keine Kreditverhandlungen
3.61)	dl_exports	exporting services to foreign companies/persons	Export von Dienstleistungen
3.62)	dl_negint	confronted with negative interest rates	Wurden Sie mit Negativzinsen konfrontiert?
3.63)	dl_negint_noact	negative interest actions: none	Keine Maßnahmen
3.64)	dl negint agree	negative interest actions: bank agreements	Verhandlungen mit Bank
3.65)	dl_negint_dgree	negative interest actions: change of bank	Wechsel der Bank
3.66)	dl_negint_inc	negative interest actions: increase of cash	Erhöhung der Bargeldhaltung
3.67)	dl_negint_redas	negative interest actions: redeployment in other financial assets and settlement of credits	Umschichtung Finanzanlagen/Rückzahlung von Krediten
		negative interest actions: redeployment of assets within company	
3.68)	dl_negint_redasint	negative interest actions, redeproyment of assets within company	Umschichtung des Guthabens
3.69)	dl_negint_inv	negative interest actions: investing or preponing (additional)	Investitionen
		investments	
3.70)	dl_negint_oth	negative interest actions: other	Andere
3.71)	dl_negint_burden	burden of negative interest rates on profit situation	Belastung durch Negativzinsproblematik
3.72)	dl_negint_banks	number of relationship banks	Wie viele Banken?
3.73)	dl_ustax_sales	tax reform: percentage sales in US	US Steuerreform: prozentual er Umsatz in USA
3.74)	dl_ustax_competition	tax reform: competition with US-companies	US Steuerreform: Wettbewerb mit US-Firmen
3.75)	dl_ustax_shortterm	tax reform: tax burden short term	US Steuerreform: Steuerbelastung kurzfristig
3.76)	dl_ustax_longterm	tax reform: tax burden long term	US Steuerreform: Steuerbelastung langfristig
3.77)	dl_ustax_export	tax reform: reaction export	US Steuerreform: Reaktion Exporte
3.78)	dl_ustax_import	tax reform: reaction import	US Steuerreform: Reaktion Importe
3.79)	dl_ustax_invus	tax reform: reaction investment in US	US Steuerreform: Reaktion Investitionen in USA
3.80)	dl_ustax_invger	tax reform: reaction investment in Germany	US Steuerreform: Reaktion Investitionen in Deutschland
3.81)	dl_ustax_intelprop	tax reform: relocation of intellectual property	US Steuerreform: Verlagerung von geistigen Eigentum
3.82)	dl_gdp1	real gdp: % change comp. last year	
			reales BIP: prozentuale Änderung vgl. zum Vorjahr
3.83)	dl_gdp2	impact economic development on business situation	Einfluss allg. Konjunkturentwicklung auf Geschäftslage
3.83) 3.84)	dl_gdp2 dl_fserv		
		impact economic development on business situation	Einfluss allg. Konjunkturentwicklung auf Geschäftslage
3.84)	dl_fserv	impact economic development on business situation foreign services	Einfluss allg. Konjunkturentwicklung auf Geschäftslage DL für Ausland
3.84) 3.85)	dl_fserv dl_fserv_curreu	impact economic development on business situation foreign services current foreign services: in another European country	Einfluss allg. Konjunkturentwicklung auf Geschäftslage DL für Ausland aktuelle DL für Ausland: europäisches Ausland
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3.115)	dl_cold_occ	weather - occurance: cold wave	Wetterereignis - Betroffen: Kältewellen
3.116)	dl_drought_occ	weather - occurance: drought	Wetterereignis - Betroffen: Trockenheit
3.117)	dl_rain_occ	weather - occurance: heavy rain	Wetterereignis - Betroffen: Starkregen
3.118)	dl_storm_occ	weather - occurance: storms	Wetterereignis - Betroffen: Stürme
3.119)	dl_heat_imp	weather - impact: heatwaves	Wetterereignis - Auswirkung: Hitzewelle
3.120)	dl_cold_imp	weather - impact: coldwaves	Wetterereignis - Auswirkung: Kältewellen
3.121)	dl_drought_imp	weather - impact: drought	Wetterereignis - Auswirkung: Trockenheit
3.122) 3.123)	dl_rain_imp dl_storm_imp	weather - impact: heavy rain	Wetterereignis - Auswirkung: Starkregen
3.123)	dl_heat_inc	weather - impact: storms weather - incidence and intensity: heatwaves	Wetterereignis - Auswirkung: Stürme Wetterereignis - Häufigkeit und Intensität: Hitzewelle
3.124)	dl_neat_inc	weather - incidence and intensity: netwaves	Wetterereignis - Häufigkeit und Intensität: Kältewellen
3.126)	dl_drought_inc	weather - incidence and intensity: corowaves	Wetterereignis - Häufigkeit und Intensität: Trockenheit
3.127)	dl rain inc	weather - incidence and intensity: heavy rain	Wetterereignis - Häufigkeit und Intensität: Starkregen
3.128)	dl storm inc	weather - incidence and intensity: storms	Wetterereignis - Häufigkeit und Intensität: Stürme
3.129)	dl heat prep	weather - prepared: heatwaves	Wetterereignis - Vorbereitet: Hitzewelle
3.130)	dl_cold_prep	weather - prepared: coldwaves	Wetterereignis - Vorbereitet: Kältewellen
3.131)	dl_drought_prep	weather - prepared: drought	Wetterereignis - Vorbereitet: Trockenheit
3.132)	dl_rain_prep	weather - prepared: heavy rain	Wetterereignis - Vorbereitet: Starkregen
3.133)	dl_storm_prep	weather - prepared: storms	Wetterereignis - Vorbereitet: Stürme
3.134)	dl_invit_lj	investment in Software/database last year	Investitionen in Sofware/Datenbanken letztes Jahr
3.135)	dl_csal_lq	percentage change of sales in field xy - last quarter	Umsatzveränderung im letzten Quartal in Bereich XY
3.136)	dl_csal_lq_v	values: percentage change of sales in field xy - last quarter	Wertangaben: Umsatzveränderung im letzten Quartal in Bereich XY
3.137)	dl_csal_nqbc	best case//percentage change of sales in field xy - next quarter	Umsatzveränderung im nächsten Quartal in Bereich XY (best case)
3.138)	dl_csal_nqbc_v	values: best case//percentage change of sales in field xy - next quarter	Wertangabe: Umsatzveränderung im nächsten Quartal in Bereich XY (best case)
3.139)	dl_csal_nqac	average case//percentage change of sales in field xy - next quarter	Umsatzveränderung im nächsten Quartal in Bereich XY (average case)
3.140)	dl_csal_nqac_v	values: average case//percentage change of sales in field xy - next quarter	Wertangabe: Umsatzveränderung im nächsten Quartal in Bereich XY (average case)
3.141)	dl_csal_nqwc	worst case//percentage change of sales in field xy - next quarter	Umsatzveränderung im nächsten Quartal in Bereich XY (worst case)
3.142)	dl_csal_nqwc_v	values: worst case//percentage change of sales in field xy - next quarter	Wertangabe: Umsatzveränderung im nächsten Quartal in Bereich XY (worst case)
3.143)	dl_psalinc	probability of sales increase - next quarter	Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
3.144)	dl_psalinc_min	lower bound: probability of sales increase - next quarter	Angegebene Untergrenze: Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
3.145)	dl_psalinc_max	upper bound: probability of sales increase - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
3.146)	dl_psalinc_sv	single value: probability of sales increase - next quarter	Einzelwert: Wahrscheinlichkeit eines steigenden Umsatzes im nächsten Quartal
3.147)	dl_psalstead	probability of steady sales - next quarter	Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
3.148)	dl_psalstead_min	lower bound: probability of steady sales - next quarter	Angegebene Untergrenze: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
3.149)	dl_psalstead_max	upper bound: probability of steady sales - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
3.150)	dl_psalstead_sv	single value: probability of steady sales - next quarter	Einzelwert: Wahrscheinlichkeit eines gleichbleibenden Umsatzes im nächsten Quartal
3.151)	dl_psaldec	probability of sales decrease - next quarter	Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
3.152)	dl_psaldec_min	lower bound: probability of sales decrease - next quarter	Angegebene Untergrenze: Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
3.153)	dl_psaldec_max	upper bound: probability of sales decrease - next quarter	Angegebene Obergrenze: Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal
3.154)	dl_psaldec_sv	single value: probability of sales decrease - next quarter	Einzelwert: Wahrscheinlichkeit eines sinkenden Umsatzes im nächsten Quartal

No.	Name			Label				Survey peri	iod		Survey frequency
1.1)	survey			survey				East and W	Vest since 1	0/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST											
AST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
NEST											
EAST											
No.	Name			Label				Survey peri	iod		Survey frequency
L.2)	year			year				Fast and M	/est since 1	0/2004	monthly survey
											montany survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
NEST EAST										Year of survey	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
	2015	2010	2017	2010	2015	2020	2021	2022	2023		
NEST AST											
No.	Name			Label				Survey peri	iod		Survey frequency
L.3)	month			month				East and W	Vest since 1	0/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST										Month	
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
NEST EAST											
-		_	_	Label	_	_		Cup on a second			Curran fragmente
	Neme			Label				Survey peri	100		Survey frequency
No.	Name				fileid			East and W	Vest since 1	0/2004	monthly survey
	Name idnum		1	firm X adres	/ mena					Further information	
		2006	2007	firm X adress	2009	2010	2011	2012	2013	ratelier information	
2004	idnum	2006	2007			2010	2011	2012	2013		
No. 1.4) 2004 WEST EAST	idnum	2006	2007			2010	2011	2012	2013	Firm X adress file id	
2004 NEST	idnum	2006	2007			2010	2011	2012	2013		

No.	Name			Label	Survey period					Survey frequency		
1.5)	runnum			running num	ber of plant			East and W	est since 1	0/2004	monthly survey	
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information		
WEST										running number of plant		
EAST												
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
WEST												
EAST												

No. Name Label

1.6)	dl_plantnu	m		KT informati	on id			East and V	Vest since	10/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST										KT information id, 12 digits, crea	ated with DL-branch number
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	digit 1-5: 1.5) sec	Economic sector
WEST										digit 6-7: 1.15) fedstaifo	federal state according to ifo code
EAST										digit 8-12: 1.11) runnum	running firm number

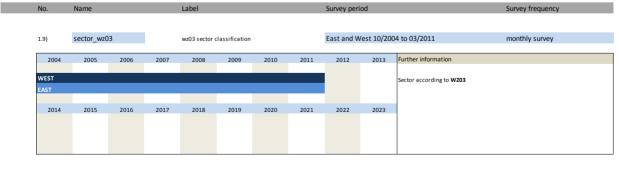
No. Name Label Survey period Survey frequency

Survey period

Survey frequency

L.7)	sector_id			sector id				East and W	est since 1	10/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
NEST											
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
NEST											
EAST											

No.	Name			Label				Survey peri	iod		Survey frequency
1.8)	fedstaifo			federal state	(ifo-code)			East and W	lest since 1	10/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST										federal state according to ifo code	
EAST										1 "[01] Berlin West"	9 "[09] Baden-Wuerttemberg"
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2 "[02] Schleswig-Holstein"	10 "[10] Bavaria"
WEST										3 "[03] Hamburg" 4 "[04] Bremen"	11 "[11] Saarland" 12 "[12] Mecklenburg-Western-Pome
EAST										5 "[05] Lower Saxony"	13 "[13] Brandenburg (incl. Berlin Eas
										6 "[06] Nordrhine-Westphalia" 7 "[07] Rhineland-Palatinate"	14 "[14] Saxony-Anhalt" 15 "[15] Saxony"
										8 "[08] Hesse"	16 "[16] Thuringia"



No.	Name			Label				Survey peri	iod		Survey frequency
1.10)	sector_wz0	8		wz08 sector c	lassification			East and W			once
							East and West since 04/2011			monthly survey	
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
2004	2005	2000	2007	2000	2005	2010	2011	2012	2015		
							WEST		_	Sector according to WZ08	

							EAST			
2014 WEST EAST	2015	2016	2017	2018	2019	2020	2021	2022	2023	
No.	Name			Label				Survey peri	od	Survey frequency
1.11)	sector_tota	al		ebdc sector c	lassification			East and W	/est since 1	10/2004 monthly
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
WEST										Sector according to the EBDC
EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	<ul><li>[1] agriculture, hunting and related activities</li><li>[5] mining</li></ul>
										[10] publishing industry, printing industry, reproduction of recorded
WEST EAST										sound, image and data storage media [25] repair and instalation of machines and equipment
										[26] recycling
										[27] energy and water supply
										[28] effluent, waste and other disposal
										<ul><li>[29] construction industry</li><li>[30] vehicle trade, maintenance and repair of vehicles, gas stations</li></ul>
										[31] wholesale and trade mediation
										[32] retail (without vehicle trade and gas stations), repair of goods
										[33] transport, auxiliary and secondary activities for transport
										[34] postal, courier and express services
										[35] hospitality, lodging, gastronomy
										[36] publishing; movie and tv show production and distribution; cine recording studios and music publishing
										[37] broadcasting; telecommunications; information and informatio
										technology services; news communications
										[38] financial and insurance services
										[39] real estate and housing business
										[40] dataprocessing and databases
										[41] law, tax and business consultancy, auditing, administration and
										governance of businesses
										[42] architecture and engineering offices; technical, physical and chemical analysis; other freelance, scientific and technical act
										[43] research and development
										[44] advertisement and market research
										[45] other economic services
										[46] renting of movable objects
										[47] mediation and assignment of manpower
										[48] travel agencies, travel business and other booking services
										[49] sentry and security services, investigative agencies [50] facility maintenance, horticulture, landscaping
										[51] public administration, defense, social insurance
										[52] education
										[53] health, veterinary and social sector; asylums
										[54] predominantly personal services (e.g.: entertaining activities,
										libraries, museums, botanical gardens, sports, recreation servic
										[55] advocacy, church and other associations (without social service culture and sports)
										[56] repair of dataprocessing devices and goods
										[57] other services

No.	Name			Label				Survey peri	od			Survey freq	uency
1.12)	dl_size		I	size range				East and W	/est since (	04/2011		monthly su	rvey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further info	rmation		
							WEST			Size range			
							EAST			[1] <250000			
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	[2] 250000 - [3] 1m - 5m E			
WEST										[3] 1m - 5m t [4] 5m - 10m			
EAST										[5] 10m - 25i			
										[6] >25m Eur	0		
										turnover	dl_size_ turnover	dl_size	weight*
										<50000 Euro	1		1
										50000 - 100000 Euro	2	1	2
										100000 - 250000 Euro	3	-	3
										250000 - 500000 Euro	4	2	4
										500000 - 1mill. Euro	5		5

1mill 2mill. Euro	6	3	6
2mill 5mill. Euro	7	3	7
5mill 10mill. Euro	8	4	8
10mill 25mill. Euro	9	5	9
25mill 50mill. Euro	10		
50mill 100mill. Euro	11		
100mill 250mill. Euro	12		
250mill 500mill. Euro	13		
500mill 1mrd. Euro	14		
1mrd2mrd. Euro	15	6	10
2mrd - 5mrd. Euro	16		
5mrd 10 mrd. Euro	17		
10mrd 25mrd. Euro	18		
25mrd 50mrd. Euro	19		
50mrd 100mrd. Euro	20		
>100mrd. Euro	21		
* not include	d in the panel	anymore	
(could be ger	nerated via dl	_size_turnover)	
	-		

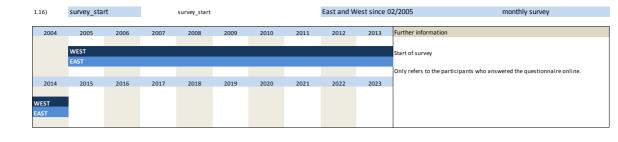
No.	Name			Label				Survey peri	iod			Survey freq	uency
1.13)	dl_size_tur	nover	I	size of turno	ver			East and W	Vest since (	01/2010		monthly su	rvey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further infor	rmation		
						WEST EAST		-		Size of turno	ver		
										specification	n of dl_size		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	[0] >no infor			
	_									[1] <50000 E			
WEST										[2] 50000 - 1	00000 Euro 250000 Euro		
EAST											500000 Euro		
1										[5] 500000 -			
										[6]1m - 2m E			
										[7] 2m - 5m E	Euro		
										[8] 5m - 10m	Euro		
										[9] 10m - 25r			
										[10]25m - 50			
										[11]50m - 10 [12] 100m - 2			
										[12] 100m - 2 [13]250m - 5			
										[13]250m-5 [14] 500m-1			
										[15] 1mrd2			
										[16] 2mrd - 5			
										[17] 5mrd :	10 mrd. Euro		
											25mrd. Euro		
											50mrd. Euro		
											100mrd. Euro		
										[21]>100mrd	I. Euro		
												-	
											dl_size_		
											turnover	dl_size	weight*
										turnover	turnover (Umsatz-	dl_size (Umsatzgrößenklasse in Größenklasse)	weight* (Umsatzgrößenklass Gewicht)
										turnover	turnover	(Umsatzgrößenklasse in	(Umsatzgrößenklass
										turnover <50000 Euro	turnover (Umsatz- größen- klasse)	(Umsatzgrößenklasse in	(Umsatzgrößenklass
										<50000 Euro 50000 -	turnover (Umsatz- größen- klasse) 1	(Umsatzgrößenklasse in	(Umsatzgrößenklass Gewicht) 1
										<50000 Euro 50000 - 100000	turnover (Umsatz- größen- klasse)	(Umsatzgrößenklasse in	(Umsatzgrößenklass Gewicht)
										<50000 Euro 50000 - 100000 Euro	turnover (Umsatz- größen- klasse) 1	(Umsatzgrößenklasse in Größenklasse)	(Umsatzgrößenklass Gewicht) 1
										<50000 Euro 50000 - 100000	turnover (Umsatz- größen- klasse) 1	(Umsatzgrößenklasse in Größenklasse)	(Umsatzgrößenklass Gewicht) 1
										<50000 Euro 50000 - 100000 Euro 100000 - 250000	turnover (Umsatz- größen- klasse) 1 2	(Umsatzgrößenklasse in Größenklasse)	(Umsatzgrößenklass Gewicht) 1 2

500000 - 1mill. Euro	5		5
1mill 2mill. Euro	6	3	6
2mill 5mill. Euro	7	2	7
5mill 10mill. Euro	8	4	8
10mill 25mill. Euro	9	5	9
25mill 50mill. Euro	10		
50mill 100mill. Euro	11		
100mill 250mill. Euro	12		
250mill 500mill. Euro	13		
500mill 1mrd. Euro	14		
1mrd2mrd. Euro	15	6	10
2mrd - 5mrd. Euro	16		
5mrd 10 mrd. Euro	17		
10mrd 25mrd. Euro	18		
25mrd 50mrd. Euro	19		
50mrd 100mrd. Euro	20		
>100mrd.	21		

(could	l be generate	ed via dl	size	turnover

No.		Name			Label				Survey peri	iod		Survey frequency
1.14)		size_empl			size of emplo	yees			East and W	Vest since (	05/2012	monthly survey
20	04	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
									WEST EAST		Size of employees	
											[0] >no information	
20	14	2015	2016	2017	2018	2019	2020	2021	2022	2023	[1] <=4	
WEST											[2] 5 - 9 [3] 10 - 19	
EAST											[4] 20 - 49	
											[5] 50 - 99	
											[6]100 - 249	
											[7] 250 - 499	
											[8] 500 - 999	
											[9] 1000 - 1999	
											[10]2000 - 4999	
											[11]5000 - 9999	
											[12] 10000 - 19999	
											[13]20000 - 49999	
											[14] >=50000	
											L	

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



No.

N .-

No. Name

Label

Name

Survey period

Survey frequency

Survey frequency

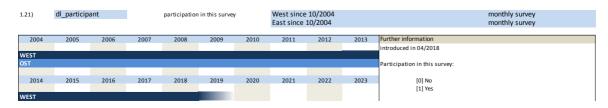
1.17)	survey_end	I		survey_end				East and W	/est since (	02/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST EAST									End of survey
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

INO.	Name			Label				Survey pen	ou		Survey frequency
1.18)	participatio	on_date		participatior	n date			East and W East and W			monthly survey monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
	WEST EAST									Date of survey	
	2.001									Only refers to the participants	who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST EAST				WEST EAST							

No.	Name			Label				Survey peri	iod	Survey frequency
1.19)	participati	on_hour	I	participation	hour			East and W East and W		
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST EAST									Hour of survey
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST				WEST EAST						

participation\_status East and West since 02/2005 monthly survey 1.20) participation status 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 Further information WEST Participation status EAST Only refers to the participants who answered the questionnaire online. 2021 2014 2015 2016 2017 2018 2019 2020 2022 2023 [1] complete WEST [2] reworked [3] incomplete[4] not answered [5] ausgefuellt Survey period No. Name Label Survey frequency

Survey period



Calculation of varaible: 1, if data of online and statebus or comexp exists, 0 otherwise 1991-03/2018 variable=1, since 04/2018 variable can be 0 or 1 (due to a change in delievered data) 07 & 08/2018 only data of participants was delievered

2. Standard questions

2.3)

	Name			Label				Survey per	iod	Survey frequency
2.1)	dl_statebu	s	state of busir	ness (appraisa	al)		East and V	Vest since 1	0/2004	monthly survey
Wording	of question									
since 10/20	004									Further information
	Information	about your ov	wn company (d	omestic)						Appraisal of the state of business
	Current situa	ition (apprais	al and develop	oment)						
					goo	d [1]		]		
	1. We evalu	ate our state	of business cu	rrently to be	satisfi	able [2]		1		
					bao	d [3]		]		
Time spar	n of variable									_
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST	-						_			
EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										
No.	Name			Label				Survey per	iod	Survey frequency
2.2)	dl_statebu	s_sl	state of busin	ness (VAS)			West since			monthly survey
							East since	01/201/		monthly survey
Wording	of question						East since	01/2017		monthly survey
							East since	01/2017		Further information
since 01/20 <b>Current sit</b> e	)17 Jation						East since			
since 01/20 <b>Current sit</b> e	)17		Y to be					01/201/		Further information Appraisal of the state of business (VAS)
since 01/20 <b>Current sit</b> e	)17 Jation	usiness for X1 I O-bad	Y to be	 50-sati	isfiable					Further information
since 01/20 <b>Current sit</b> e	)17 uation er our state of b	I 0-bad		50-sati	isfiable		l 100-good			Further information Appraisal of the state of business (VAS)
since 01/20 <b>Current sit</b> e	)17 uation er our state of b	I 0-bad	Y to be 	50-sati	isfiable	ed based on a	l 100-good			Further information Appraisal of the state of business (VAS) online only
since 01/20 Current situ We conside	)17 uation er our state of b	I 0-bad		50-sati	isfiable	ed based on a	l 100-good			Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus
since 01/20 Current situ We conside	)17 <b>ration</b> er our state of b Other than th	I 0-bad		50-sati	isfiable	ed based on a	l 100-good		1989	Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. son a dash was displayed in the middle of the slider or the exact numer that J
since 01/20 Current situ We conside	117 Jation er our state of b Other than th n of variable	I O-bad ne variable <b>2.</b> 2	1) dl_statebus	50-sati	isfiable usiness is rate		 100-good I visual analog	scale	1989	Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. son a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observeable. Without these features displayed the distribution is smooth 01/2017-12/2018: presentation with dash in the middle, with the exact n
since 01/20 Current situ We conside	017 Juation er our state of b Other than th n of variable 1981	0-bad	1) di_statebus	50-sati	isfiable usiness is rate	1986	i 100-good 1 visual analog 1987	scale		Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. son a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoot 01/2017-12/2018: presentation with dash in the middle, without the exact clicked and label in the middle of the slider.
since 01/20 Current situ We conside	117 Jation er our state of b Other than th n of variable	I O-bad ne variable <b>2.</b> 2	1) dl_statebus	50-sati	isfiable usiness is rate		 100-good I visual analog	scale	1989	Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. sor a dash was displayed in the middle of the slider or the exact numer that t clicked). Therefore an accumulation at S0 and other round figures is observeable. Without these features displayed the distribution is smooth 01/2017-12/2018: presentation with dash in the middle, with the exact n clicked. The label in the middle of the slider
since 01/20 Current situ We conside	017 Juation er our state of b Other than th n of variable 1981	0-bad	1) di_statebus	50-sati	isfiable usiness is rate	1986	i 100-good 1 visual analog 1987	scale		Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. sor a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoot 01/2017-12/2018: presentation with od ash in the middle, without the exact clicked and label in the middle of the slider.
since 01/20 Current situ We conside	017 Juation er our state of b Other than th n of variable 1981	0-bad	1) di_statebus	50-sati	isfiable usiness is rate	1986	i 100-good 1 visual analog 1987	scale		Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. son a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoot 01/2017-12/2018: presentation with dash in the middle, without the exact clicked and label in the middle of the slider.
since 01/20 Current situ We conside Time span 1980	017 Jation er our state of b Other than th 1981 1991	0-bad ne variable <b>2</b> . 1982	1) dl_statebus 1983 1993	50-sati	isfiable usiness is rate 1985 1995	1986 1996	 100-good v visual analog 1987 1997	scale 1988 1998	1999	Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. son a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoot 01/2017-12/2018: presentation with dash in the middle, without the exact clicked and label in the middle of the slider.
since 01/20 Current site We conside 1980 1990 2000	D17 Juation er our state of b Other than th 1981 1991 2001	0-bad	1) di_statebus 1983 1993 2003	50-sati	sfiable usiness is rate 1985 1995 2005	1986 1996 2006		1988 1998 2008	1999 2009	Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. son a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoot 01/2017-12/2018: presentation with dash in the middle, without the exact clicked and label in the middle of the slider.
since 01/20 Current situ We conside Time span 1980	017 Jation er our state of b Other than th 1981 1991	0-bad ne variable <b>2</b> . 1982	1) dl_statebus 1983 1993	50-sati	isfiable usiness is rate 1985 1995	1986 1996	100-good	scale 1988 1998	1999	Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. sor a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoot 01/2017-12/2018: presentation with od ash in the middle, without the exact clicked and label in the middle of the slider.
since 01/20 Current site We conside 1980 1990 2000	D17 Juation er our state of b Other than th 1981 1991 2001	0-bad	1) di_statebus 1983 1993 2003	50-sati	sfiable usiness is rate 1985 1995 2005	1986 1996 2006		1988 1998 2008	1999 2009	Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. sor a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoot 01/2017-12/2018: presentation with od ash in the middle, without the exact clicked and label in the middle of the slider.
since 01/20 Current situ We conside 1980 1990 2000	D17 Juation er our state of b Other than th 1981 1991 2001	0-bad	1) di_statebus 1983 1993 2003	50-sati	sfiable usiness is rate 1985 1995 2005	1986 1996 2006	100-good e visual analog 1987 1997 2007 2017 WEST	1988 1998 2008	1999 2009	Further information Appraisal of the state of business (VAS) online only 2.1) dl_statebus The presentation of the online-Slider changed over the last years (e.g. sor a dash was displayed in the middle of the slider or the exact numer that to clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoot 01/2017-12/2018: presentation with od ash in the middle, without the exact clicked and label in the middle of the slider.

							East since	01/2017		monthly survey
Time span	of variable		l i							
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Appraisal of the state of business (Clicks) Number of clicks for question
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2.2) dl_statebus_sl
										online only
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



monthly survey

Wording of question

since 10/200	)4									Further information
	Information a									Development of the business volume during the last 3 months
						sed [1]		]		
	2. During the	last 3 months	s our business	s volume has		nged [2] ised [3]				
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST										
EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No. Name Label Survey period

2.5)

dl\_demandsales demand / sales volume last 2-3 months

East and West since 10/2004

Survey frequency

monthly survey

10/2004 - 0	5/2018									Further information
	Information a	bout your ow	n company (d	omestic)						Development of demand/sales volume during the last 2-3 months
	Current situa	tion (appraisa	al and develop	oment)						*Incl. Foreign demand/ sales volume
					increa	sed [1]				
	3a. During th ser	ne last 2-3 mo vices or our s	nths the dema ales volume* I	and* for our has	not cha	nged [2]				
					decrea	sed [3]				
since 07/20	18									
					increa	sed [1]		]		
	During the	last 3 month	s our sales vol	lume* has	not cha	nged [2]				*Incl. Foreign sales volume
					decrea	sed [3]				
								4		
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST										
EAST										

2014										
	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										
No.	Name			Label				Survey per	iod	Survey frequency
2.6)	dl_demand	llast	demand / sale previous year		i versus same	month of	East and V	/est since 1	0/2004	monthly survey
Wording of	f question									
10/2004 - 04	4/2009									Further information
	Information	about your ov	wn company (do	omestic)						demand/ sales volume last month versus same month of previous y
	Current situa	ition (apprais	al and develop	ment)						
					increa	ased [1]		]		*Incl. Foreign demand/ sales volume
			me month of las			anged [2]		-		
	demand	or sales vol	ume [] last mo	onth has		ased [3]		-		
					deere			]		
05/2009 - 06	5/2018									
	Information	about your ov	wn company (do	omestic)						
	Current situa	ition (apprais	al and develop	ment)						
					increa	ased [1]				
		sales volume	me month of las e [] in the prev		not cha	anged [2]				
		h	las		decre	ased [3]		-		
								1		_
since 07/201	18				r			1		*Incl. Foreign sales volume
					increa	ased [1]		-		XX 20XX = previous month and actual year
	Our sales v		in XX 20XX com OYY	ipared to YY	not cha	anged [2]		-		YY 20YY = previous month and previous year (e.g. if question is posed in 07/2018 => XX 20XX=June 2018 & YY 20Y
					decre	ased [3]				2017) Compares to the same month of last year
			_		1			J		
Time span	of variable				1			]		
2004	of variable	2006	2007	2008	2009	2010	2011	2012	2013	
		2006	2007	2008	2009	2010	2011	2012	2013	
2004 WEST		2006	2007	2008	2009	2010	2011	2012	2013	
2004 WEST EAST 2014	2005			-						
2004 WEST EAST	2005			-						
2004 WEST EAST 2014 WEST	2005			-						
2004 WEST EAST 2014 WEST	2005		2017	-					2023	Survey frequency
2004 WEST EAST 2014 WEST EAST	2005 2015 Name		2017	2018 Label			2021	2022 Survey per	2023 iod	Survey frequency
2004 WEST EAST 2014 WEST EAST No. 2.7)	2005 2015 Name dl_orders		2017	2018 Label			2021	2022	2023 iod	
2004 WEST EAST 2014 WEST EAST No. 2.7) Wording of	2005 2015 Name dl_orders f question		2017	2018 Label			2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST No. 2.7)	2005 2015 Name dl_orders f question	2016	2017 orders (appra	2018 Label			2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST No. 2.7) Wording of	2005 2015 Name dl_orders of question 04 Information :	2016	2017 orders (appra	2018 Label isəl)			2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST No. 2.7) Wording of	2005 2015 Name dl_orders of question 04 Information :	2016	2017 orders (appra	2018 Label isəl)			2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST No. 2.7) Wording of	2005 2015 2015 Aame dl_orders f question O4 Information : Current situa	2016	2017 orders (appra wn company (de	2018 Label isal)	2019		2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST No. 2.7) Wording of	2005 2015 Name dl_orders f question 04 Current situa 4. we	2016	2017 orders (appra	2018 Label isal) ment) to be	2019	2020	2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST No. 2.7) Wording of	2005 2015 Name dl_orders f question 04 Current situa 4. we	2016	2017 orders (appra wn company (dc	2018 Label isal) ment) to be	2019	2020 4y high [1]	2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST No. 2.7) Wording of	2005 2015 Name dl_orders f question 04 Current situa 4. we	2016	2017 orders (appra wn company (dc	2018 Label isal) ment) to be	2019	2020 4y high [1] cient [2]	2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST 2.7) Wording of since 10/200	2005 2015 Name dl_orders f question 04 Current situa 4. we	2016	2017 orders (appra wn company (dc	2018 Label isal) ment) to be	2019	2020 4y high [1] cient [2]	2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST 2.7) Wording of since 10/200	2005 2015 2015 Anme dl_orders f question 04 Information Current situa given	2016	2017 orders (appra wn company (dc	2018 Label isal) ment) to be	2019	2020 4y high [1] cient [2]	2021	2022 Survey per	2023 iod	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST No. 2.7) Wording of since 10/200 Since 10/200	2005 2015 2015 Aame dl_orders f question 04 Information a Current situa (gyeen of variable	2016	2017 orders (appra vn company (dc al and develop	2018 Label isal) ment) to be xanch)	2019 relative suffic too si	2020 Ay high [1] cient [2] mail [3]	2021	2022 Survey per /est since 1	2023 iod 0/2004	Survey frequency monthly survey
2004 WEST EAST 2014 WEST EAST 2.7) Wording of since 10/200 since 10/200 Time span 2004 WEST	2005 2015 2015 Aame dl_orders f question 04 Information a Current situa (gyeen of variable	2016	2017 orders (appra vn company (dc al and develop	2018 Label isal) ment) to be xanch)	2019 relative suffic too si	2020 Ay high [1] cient [2] mail [3]	2021	2022 Survey per /est since 1	2023 iod 0/2004	Survey frequency monthly survey

No.	Name		Label				Survey per	iod	Survey frequency
							,,		
2.8)	dl_employlast	employees la	st 2-3 months	5		East and W	/est since 1	.0/2004 to 0	6/2018 monthly survey
Wording of	f question								
10/2004 - 06	5/2018								Further information
	Information about your	own company (d	omestic)						Development of the number of employees during the last 2-3 months
	Current situation (appr	aisal and develop	oment)						This question was posed till 06/2018, since 07/2018 the same question regarding the previous month (see <b>dl_emplpast</b> )
				increa	ased [1]				
	5. During the last 2-3 emp	3 months the num loyees has	ber of our	not cha	anged [2]				
				decre	ased [3]				
	of variable								
2004	2005 2006	2007	2008	2009	2010	2011	2012	2013	
WEST EAST									
2014	2015 2016	2017	2018	2019	2020	2021	2022	2023	
WEST									
EAST									
No.	Name		Label				Survey per	iod	Survey frequency
INO.	Name		Laber				Survey per	100	Survey nequency
2.9)	dl_demandexp	expected dem 2-3 months	nand / sales v	olume for the	e next	East and W	/est since 1	.0/2004	monthly survey
Wording of	f question								
10/2004 - 06	5/2018								Further information
	Information about your								
	information about your	own company (d	omestic)						Expected demand/ sales volume for the next 2-3 months
	Current situation (appr								
				increa	asing [1]		]		Expected demand/ sales volume for the next 2-3 months
	Current situation (appr 6. During the next 2-3	aisal and develop	oment) Ind* for our		asing [1] anging [2]		]		Expected demand/ sales volume for the next 2-3 months
	Current situation (appr 6. During the next 2-3	aisal and develop	oment) Ind* for our	not cha					Expected demand/ sales volume for the next 2-3 months
since 07/201	Current situation (appr 6. During the next 2-3 services or our	aisal and develop	oment) Ind* for our	not cha	anging [2]				Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
since 07/201	Current situation (appr 6. During the next 2-3 services or our	aisal and develop months the dema r sales volume wi	oment) Ind* for our II be	not cha	anging [2]		]		Expected demand/ sales volume for the next 2-3 months
since 07/201	Current situation (appr 6. During the next 2-3 services or our	aisal and develop months the dema r sales volume wi	oment) Ind* for our II be	not cha	anging [2] asing [3]		]		Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
since 07/201	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations I	aisal and develop months the dema sales volume wil	oment) Ind* for our II be	not cha decrea	anging [2] asing [3]				Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
since 07/201	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations I	aisal and develop months the dema r sales volume wi	oment) Ind* for our II be	not cha decrea increa not cha	asing [2] asing [3] asing [1] anging [2]		]		Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
since 07/20;	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations I	aisal and develop months the dema sales volume wil	oment) Ind* for our II be	not cha decrea increa not cha	anging [2] asing [3]				Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
	Current situation (appr. 6. During the next 2-3 services or our 18 Plans and Expectations I Our sales	aisal and develop months the dema sales volume wil	oment) Ind* for our II be	not cha decrea increa not cha	asing [2] asing [3] asing [1] anging [2]				Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
Time span	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations of Our sales of variable	aisal and develop months the dema 's ales volume wil regarding the nex * volume will be	nd* for our II be t 3 month	not cha decree incree not cha decree	asing (2) asing (3) asing (1) anging (2) asing (3)	2011	2012	2013	Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
	Current situation (appr. 6. During the next 2-3 services or our 18 Plans and Expectations I Our sales	aisal and develop months the dema sales volume wil	oment) Ind* for our II be	not cha decrea increa not cha	asing [2] asing [3] asing [1] anging [2]	2011	2012	2013	Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
Time span	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations of Our sales of variable	aisal and develop months the dema 's ales volume wil regarding the nex * volume will be	nd* for our II be t 3 month	not cha decree incree not cha decree	asing (2) asing (3) asing (1) anging (2) asing (3)	2011	2012	2013	Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
Time span 2004 WEST	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations of Our sales of variable	aisal and develop months the dema 's ales volume wil regarding the nex * volume will be	nd* for our II be t 3 month	not cha decree incree not cha decree	asing (2) asing (3) asing (1) anging (2) asing (3)	2011	2012	2013	Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
Time span 2004 WEST EAST 2014 WEST	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations of Our sales of variable 2005 2006	aisal and develop months the dema 's ales volume wil regarding the nex * volume will be 2007	oment) Ind* for our II be tt 3 month	increa decrea not cha decrea	anging [2] asing [3] asing [1] anging [2] asing [3] 2010				Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
Time span 2004 WEST EAST 2014	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations of Our sales of variable 2005 2006	aisal and develop months the dema 's ales volume wil regarding the nex * volume will be 2007	oment) Ind* for our II be tt 3 month	increa decrea not cha decrea	anging [2] asing [3] asing [1] anging [2] asing [3] 2010				Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
Time span 2004 WEST EAST 2014 WEST	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations of Our sales of variable 2005 2006	aisal and develop months the dema sales volume will regarding the nex * volume will be 2007 2017	oment) Ind* for our II be tt 3 month	increa decrea not cha decrea	anging [2] asing [3] asing [1] anging [2] asing [3] 2010			2023	Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume
Time span 2004 WEST EAST 2014 WEST EAST	Current situation (appr 6. During the next 2-3 services or our 18 Plans and Expectations of Our sales 0 variable 2005 2006 2015 2016 2016 Name	aisal and develop months the dema sales volume will regarding the nex * volume will be 2007 2017	2008	increa decrea not cha decrea	anging [2] asing [3] asing [1] anging [2] asing [3] 2010	2021	2022 Survey per	2023 iod	Expected demand/ sales volume for the next 2-3 months "Incl. Foreign demand/ sales volume "Incl. Foreign sales volume" "Incl. Foreign sales volume "Incl. Foreign sales volume" "Incl. Foreign sales volum
Time span 2004 WEST EAST 2014 WEST EAST No. 2.10)	Current situation (appr 6. During the next 2-3 services or our Plans and Expectations I Our sales of variable 2005 2006 2015 2016 2016 Name dl_employexp	aisal and develop months the dema sales volume will regarding the nex * volume will be 2007 2017	oment)  Ind* for our II be  t 3 month  2008  2018  Label	not cha decree not cha decree 2009	anging [2] asing [3] asing [1] asing [2] asing [3] 2010		2022 Survey per	2023 iod	Expected demand/ sales volume for the next 2-3 months "Incl. Foreign demand/ sales volume "Incl. Foreign sales volume
Time span 2004 WEST EAST 2014 WEST EAST No. 2.10) Wording of	Current situation (appr 6. During the next 2-3 services or our Plans and Expectations of Our sales 0 variable 2005 2006 2015 2016 Name dl_employexp f question	aisal and develop months the dema 's ales volume wil  regarding the nex  * volume will be 2007 2017	oment)  Ind* for our II be  t 3 month  2008  2018  Label	not cha decree not cha decree 2009	anging [2] asing [3] asing [1] asing [2] asing [3] 2010	2021	2022 Survey per	2023 iod	Expected demand/ sales volume for the next 2-3 months  *Incl. Foreign demand/ sales volume  *Incl. Foreign sales volume  Survey frequency monthly survey
Time span 2004 WEST EAST 2014 WEST EAST No. 2.10)	Current situation (appr 6. During the next 2-3 services or our Plans and Expectations of Our sales 0 variable 2005 2006 2015 2016 0 variable 2016 0 variable 2016 0 variable 0	aisal and develop months the dema 's ales volume wil  regarding the nex  * volume will be 2007 2017	oment)  Ind* for our II be  t 3 month  2008  2018  Label	not cha decree not cha decree 2009	anging [2] asing [3] asing [1] asing [2] asing [3] 2010	2021	2022 Survey per	2023 iod	Expected demand/ sales volume for the next 2-3 months "Incl. Foreign demand/ sales volume "Incl. Foreign sales volume" "Incl. Foreign sales volume "Incl. Foreign sales volume" "Incl. Foreign sales volum
Time span 2004 WEST EAST 2014 WEST EAST No. 2.10) Wording of	Current situation (appr 6. During the next 2-3 services or our Plans and Expectations of Our sales 0 variable 2005 2006 2015 2016 0 variable 2016 0 variable 2016 0 variable 0	aisal and develop months the dema 's ales volume will regarding the nex * volume will be 2007 2007	oment) Ind* for our II be t 3 month 2008 2018 2018 Label Joyees for the	not cha decree not cha decree 2009	anging [2] asing [3] asing [1] asing [2] asing [3] 2010	2021	2022 Survey per	2023 iod	Expected demand/ sales volume for the next 2-3 months  *Incl. Foreign demand/ sales volume  *Incl. Foreign sales volume  Survey frequency monthly survey

					increa	sing [1]			
	7. Durin		months the n es will be	umber of	not cha	nging [2]			
					decrea	sing [3]			
					ł		ł	-	
Time span	of variable								
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
WEST									
EAST									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

No. Name Label Survey period Survey frequency

dl\_expectbus expected business situation for the next 6 months East and West since 10/2004 monthly survey 2.11) Wording of question

since 10/2	004									Further information
	Information									Expected business situation for the next 6 months
	Current situa	tion (apprais	al and develo	pment)						
					more favo	urable [1]				
	8. During th	e next 6 mont wil	hs our busine I be	ss situation	not chai	nging [2]				
					less favo	urable [3]				
Time spa	n of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST										
EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
2014	2013	2010	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
2.12)	dl_expectbus_sl	expected commercial operations (VAS)	West since 01/2017 East since 01/2017	monthly survey monthly survey

										Further information
since 01/20:	17									
Expectations	for the next 6	months								Expected commercial (VAS)
In cyclical re	gards our stat	te of business	for XY will be							
		I		-						online only
	0- be rather les				out the same			ore favourabl	P	
	o berutiler ie.			50 500 400	Sur the Sume		100 100101		C	
	Other than th	avariable <b>7</b> 1	1) dl_comexp	the expected	commercial i	s rated based	on a visual a	nalogiscale		
	ouler ulan ul	e vanable z.	rr, ur_comexp	une expected	commercialit	s rateu baseu		alog scale		
										The presentation of the online-Slider changed over the last years (e.g. sometimes
										a dash was displayed in the middle of the slider or the exact numer that was
Time coon	of variable									clicked). Therefore an accumulation at 50 and other round figures is observeable. Without these features displayed the distribution is smoother.
Time span										
4000	1001	4000	4000	4004	4005	4000	4007	4000	4000	01/2017-12/2018: presentation with dash in the middle, with the exact numer
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle, without the exact numer
										clicked but with label in the middle of the slider
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	
										1

No.	Name			Label				Survey per	iod	Survey frequency
2.13)	dl_expectb	us_clicks	expected con	nmercial oper	ations (clicks	1	West since	01/2017		monthly survey
							East since	01/2017		monthly survey
	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Number of clicks for question
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2.12) dl_expectbus_sl
										online only
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	
							WEST			
							EAST			
No.	Name			Label				Survey per	iod	Survey frequency
110.	Nume			Luber				Survey per	100	Survey requerty
2.14)	dl_expectb	us_unc	uncertainty v	v.r.t. commerc	ial operation		West since East since			monthly survey monthly survey
\A(arding o							Last since	07/2017		monuny survey
worung u										
	of question									Eurther information
since 07/20										Further information The presentation of the online-Slider changed over the last years (e.g. sometimes a dash was displayed
		conguarding	; our commerci	al operation	in the next 6 n	nonth as				The presentation of the online-Slider changed over the last years (e.g. sometimes a dash was displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and
	117 the <b>uncertainty</b>	conguarding I 0-low	g our commerci	-	in the next 6 n 	ionth as	l 100-high			The presentation of the online-Slider changed over the last years (e.g. sometimes a dash was displayed in the middle of the slider or the exact numer that
We assess	017 the <b>uncertainty</b>	I	g our commerci	-		10nth as				The presentation of the online-Slider changed over the last years (e.g. sometimes a dash was displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the
We assess to a span	the uncertainty	l 0-low		50-medi ur	m/seasonal		100-high	1988	1989	The presentation of the online-Silder changed over the last years (e.g. sometimes a dash was displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother.
We assess	017 the <b>uncertainty</b>	I	g our commerci	-		1986		1988	1989	The presentation of the online-Slider changed over the last vers (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle of the slider since 01/2019 presentation without dash in the middle of the slider
We assess to a span	the uncertainty	l 0-low		50-medi ur	m/seasonal		100-high	1988	1989	The presentation of the online-Silder changed over the last years (eg. sometimes a dash was displayed in the middle of the silder or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observeable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the
We assess to a span	the uncertainty	l 0-low		50-medi ur	m/seasonal		100-high	1988	1989	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle by the exact numer clicked but with label in the middle of the slider
We assess 1	117 the uncertainty n of variable 1981	l 0-low 1982	1983	50-mediur	m/seasonal	1986	100-high			The presentation of the online-Slider changed over the last vers (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle of the slider since 01/2019 presentation without dash in the middle of the slider
We assess 1 Time span 1980	117 the uncertainty n of variable 1981 1991	1 0-low 1982 1992	1983	50-mediur 1984 1994	n/seasonal	1986	100-high 1987 1997	1998	1999	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle by the exact numer clicked but with label in the middle of the slider
We assess 1	117 the uncertainty n of variable 1981	l 0-low 1982	1983	50-mediur	m/seasonal	1986	100-high			The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle by the exact numer clicked but with label in the middle of the slider
We assess 1 Time span 1980	117 the uncertainty n of variable 1981 1991	1 0-low 1982 1992	1983	50-mediur 1984 1994	n/seasonal	1986	100-high 1987 1997	1998	1999	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle by the exact numer clicked but with label in the middle of the slider
We assess 1 Time span 1980	117 the uncertainty n of variable 1981 1991	1 0-low 1982 1992	1983	50-mediur 1984 1994	n/seasonal	1986	100-high 1987 1997	1998	1999	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle by the exact numer clicked but with label in the middle of the slider
We assess 1 Time span 1980 1990 2000	117 the uncertainty 1 of variable 1981 1991 2001	l 0-low 1982 1992 2002	1983	1984 1994 2004	n/seasonal	1986 1996 2006	100-high 1987 1997 2007 2017 WEST	1998 2008	1999 2009	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle by the exact numer clicked but with label in the middle of the slider
We assess 1 Time span 1980 1990 2000	117 the uncertainty 1 of variable 1981 1991 2001	l 0-low 1982 1992 2002	1983	1984 1994 2004	n/seasonal	1986 1996 2006	100-high 1987 1997 2007 2017	1998 2008	1999 2009	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle by the exact numer clicked but with label in the middle of the slider
We assess 1 Time span 1980 2000 2010	117 the uncertainty 1 of variable 1981 2001 2001	l 0-low 1982 1992 2002	1983	2004	n/seasonal	1986 1996 2006	100-high 1987 1997 2007 2017 WEST	1998 2008 2018	1999 2009 2019	The presentation of the online-Silder changed over the last vers (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle, with the exact numer clicked but with label in the middle of the slider since 01/2019 presentation without dash in the middle, without the exact numer clicked but with label in the middle of the slider online only
We assess 1 Time span 1980 1990 2000	117 the uncertainty 1 of variable 1981 1991 2001	l 0-low 1982 1992 2002	1983	1984 1994 2004	n/seasonal	1986 1996 2006	100-high 1987 1997 2007 2017 WEST	1998 2008	1999 2009 2019	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle by the exact numer clicked but with label in the middle of the slider
We assess 1 Time span 1980 2000 2010	117 the uncertainty 1 of variable 1981 2001 2001	l 0-low 1982 1992 2002 2002	1983 1993 2003 2013	2004	m/seasonal 1985 1995 2005 2015	1986 1996 2006	100-high 1987 1997 2007 2017 WEST	1998 2008 2018 Survey per	1999 2009 2019	The presentation of the online-Silder changed over the last vers (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle, with the exact numer clicked but with label in the middle of the slider since 01/2019 presentation without dash in the middle, without the exact numer clicked but with label in the middle of the slider online only
We assess 1 Time span 1980 2000 2010 No. 2.15)	117 the uncertainty 1 of variable 1981 2001 2001 2011	l 0-low 1982 1992 2002 2002	1983 1993 2003 2013	2004 2014 Label	m/seasonal 1985 1995 2005 2015	1986 1996 2006	100-high 1987 1997 2007 2007 2017 ¥VEST EAST	1998 2008 2018 Survey per	1999 2009 2019	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa slipplyed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle, with the exact numer clicked but with label in the middle of the slider since 01/2019 presentation without dash in the middle, without the exact numer clicked but with label in the middle of the slider online only
We assess 1 Time span 1980 2000 2010 No. 2.15)	117 the uncertainty 1 of variable 1981 2001 2001 2001 2011 0 1991 0 1991 0 1991 0 1991 0 1991 0 0 0 0		1983 1993 2003 2013	2004 2014 Label	m/seasonal 1985 1995 2005 2015	1986 1996 2006	100-high 1987 1997 2007 2007 2017 ¥VEST EAST	1998 2008 2018 Survey per	1999 2009 2019	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa slipplyed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle, with the exact numer clicked but with label in the middle of the slider since 01/2019 presentation without dash in the middle, without the exact numer clicked but with label in the middle of the slider online only
We assess 1 Time span 1980 1990 2000 2000 2010 No. 2.15) Wording c	117 the uncertainty 1981 1991 2001 2001 2011 2011 2011 2011 0 4 2011 2011	l 0-low 1982 1992 2002 2012 2012 2012	1983 1993 2003 2013	2004 2014 2014 2014	m/seasonal 1985 1995 2005 2015	1986 1996 2006	100-high 1987 1997 2007 2007 2017 ¥VEST EAST	1998 2008 2018 Survey per	1999 2009 2019	The presentation of the online-Slider changed over the last years (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle, without the exact numer clicked but with label in the middle of the slider online only Survey frequency monthly survey
We assess 1 Time span 1980 1990 2000 2000 2010 No. 2.15) Wording c	117 the uncertainty 1 of variable 1981 2001 2001 2011 2011 2011 01 2011 01 01 01 01 01 01	1982 1982 2002 2012 tt	1983 1993 2003 2013 prices for the	50-mediur 1984 1994 2004 2004 2004 2014 2014 2014 2014 2014 2014 2014 2014 2014	m/seasonal 1985 1995 2005 2015	1986 1996 2006	100-high 1987 1997 2007 2007 2017 ¥VEST EAST	1998 2008 2018 Survey per	1999 2009 2019	The presentation of the online-Slider changed over the last vers (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle of the slider online only <b>Survey frequency</b> <b>Survey frequency</b> <b>Monthly survey</b>
We assess 1 Time span 1980 1990 2000 2000 2010 No. 2.15) Wording c	117 the uncertainty 1 of variable 1981 2001 2001 2011 2011 2011 01 2011 01 01 01 01 01 01	1982 1982 2002 2012 tt	1983 1993 2003 2013 prices for the	50-mediur 1984 1994 2004 2004 2004 2014 2014 2014 2014 2014 2014 2014 2014 2014	n/seasonal 1985 1995 2005 2015 2015 1975	1986 1996 2006	100-high 1987 1997 2007 2007 2017 ¥VEST EAST	1998 2008 2018 Survey per	1999 2009 2019	The presentation of the online-Slider changed over the last vers (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle of the slider online only <b>Survey frequency</b> <b>Survey frequency</b> <b>Monthly survey</b>
We assess 1 Time span 1980 1990 2000 2000 2010 No. 2.15) Wording c	117 the uncertainty 1 of variable 1981 2001 2001 2011 2011 2011 2011 1991 2001 4 2011 2011 2011 2011 2011 2011 2		1993 1993 2003 2013 prices for the al and develop	So-mediur 1984 1994 2004 2	n/seasonal 1985 1995 2005 2015 315 15	1986	100-high 1987 1997 2007 2007 2017 ¥VEST EAST	1998 2008 2018 Survey per	1999 2009 2019	The presentation of the online-Slider changed over the last vers (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle of the slider online only <b>Survey frequency</b> <b>Survey frequency</b> <b>Monthly survey</b>
We assess 1 Time span 1980 1990 2000 2000 2010 No. 2.15) Wording c	117 the uncertainty 1 of variable 1981 2001 2001 2011 2011 2011 2011 1991 2001 4 2011 2011 2011 2011 2011 2011 2		1983 1993 2003 2013 prices for the wn company (d	So-mediur 1984 1994 2004 2	n/seasonal 1985 1995 2005 2015 2015 35	1986 1996 2006 2016	100-high 1987 1997 2007 2007 2017 ¥VEST EAST	1998 2008 2018 Survey per	1999 2009 2019	The presentation of the online-Slider changed over the last vers (e.g. sometimes a dash wa displayed in the middle of the slider or the exact numer that was clicked). Therefore an accumulation at 50 and other round figures is observable. Without these features displayed the distribution is smoother. 07/2017-12/2018: presentation with dash in the middle, with the exact numer clicked and label in the middle of the slider since 01/2019 presentation without dash in the middle of the slider online only <b>Survey frequency</b> <b>Survey frequency</b> <b>Monthly survey</b>

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
WEST									
EAST									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

No.	Name			Label				Survey peri	od	Survey frequency
2.16)	dl_emplpas	t	development	employee last	month		East and W	/est since 0	7/2018	monthly survey
Wording of	question									
since 07/201	.8 - 10/2018									Further information
					increa	sed [1]				XX= previous month (July 2018: XX= June 2018)
	In XX	In XX the number of our employees				nged [2]				This question is posed since 07/2018. The same question was posed regarding
					decrea	ised [3]				the previous 2-3 month (see <b>dl_employlast</b> ) from 10/2004 till 06/2018)
since 11/201	.8									
					increa	sed [1]				
			ith) compared iumber of our		not changed [2]					
					decreased [3]					
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
				WEST EAST						

No. Name Label

Survey period

East and West since 07/2018

Survey frequency

monthly survey

dl\_prvpm prices versus past 2.17)

Wording	of	question
worung	01	question

rom 07/201	8 to 10/2018									Further information XX= previous month (July 2018: XX= June 2018)
					increa	sed [1]				,
	Our	prices in th	ne previous m	onth	stayed the	e same [2]				
					decreased [3]					
nce 11/201	.8						1			
								1		
					increa	sed [1]				
	Our <b>prices</b>	in XX (=previo 1 (=preprev	ous month) co ious month)	ompared to XX-	stayed the	e same [2]				
					decrea	ised [3]				
							*	•		
me span	of variable									I
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
				WEST						
				EAST						

No.	Name	Label	Survey period	Survey frequency
2.18)	dl_ordvpm	orders versus past	East and West since 07/2018	monthly survey

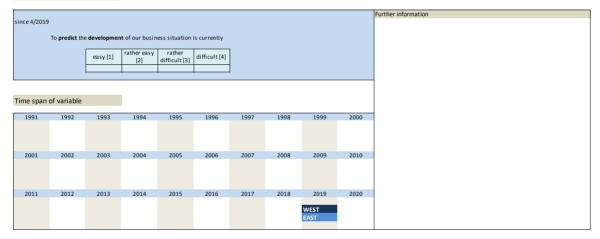
#### Wording of question

om 07/2018	8 to 10/2018									Further information XX= previous month (July 2018: XX= June 2018)
					1		r	1		AA- previous monun (Jury 2018. AA- June 2018)
					increa	sed [1]				
	Ir	n XX of our <b>or</b>	der backlog h	as	not cha	nged [2]				
					decreased [3]					
							1	J		
ince 11/201	8									
					increa	sed [1]		]		
								-		
		previous mor vious month)			not cha	nged [2]				
					decreased [3]					
								J		
	of variable									
nme span	or variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
				WEST						
				EAST						

 
 No.
 Name
 Label
 Survey period
 Survey frequency

 2.24)
 dl\_prestatebus\_unc
 uncertainty: prediction of business situation
 West and East 04/2019
 monthly

Wording of question



3. Special questions



							-			
No.	Name		Label				Survey peri	od		Survey frequency
3.2)	dl_lackdem	constaints by	lack of dema	ind		East and V	/est since 10	0/2004		inquired in Jan, Apr, July
Wording of	of question									
since 10/20									Further information	
511100 10/20										
	Special questions (inqu	nestic business act							Constraints by lack of demand	
			uvity is currer	nuy constrain	ieu					
	if yes, by following fac (multiple answers are pos						1			
		lack of ord	ers, lack of de	emand [1]*		yes [1]	-			
									_	
Time spar	n of variable									
2004	2005 2006	2007	2008	2009	2010	2011	2012	2013	-	
WEST										
EAST	_									
2014	2015 2016	2017	2018	2019	2020	2021	2022	2023		
WEST										
EAST										
No.	Name		Label				Survey peri	od		Survey frequency
NO.	Wallie		Laber				Survey peri	ou		Survey mequency
3.3)	dl_skilllack	constraints: la	ack of skilled	llabour		East and V	/est since 10	0/2004		inquired in Jan, Apr, July
Wording of	of question									
since 10/20	004								Further information	
since 10/20	004 Special questions (inqu	ired only every 3 n	nonths)						Further information Constraints by lack of skilled labour	
since 10/20	Special questions (inqu	<b>ired only every 3 n</b> nestic business act		ntly constrain	ned					
since 10/20	Special questions (inqu	nestic business act		ntly constrain	ned					
since 10/20	Special questions (inqu 12. Our dor	nestic business act tors		ntly constrain	ned	yes [1]	]			
since 10/20	Special questions (inqu 12. Our dor  if yes, by following fac	nestic business act tors sible)			ned	yes [1]	]			
since 10/20	Special questions (inqu 12. Our dor  if yes, by following fac	nestic business act tors sible)	tivity is currer		red	yes [1]	]			
	Special questions (inqu 12. Our dor  if yes, by following fac	nestic business act tors sible)	tivity is currer		led	yes [1]	]			
	Special questions (Inqu 12. Our dor  if yes, by following fac (multiple answers are pos	nestic business act tors sible) lack of	tivity is currer		2010	уеs [1] 2011	2012	2013		
Time spar 2004 WEST	Special questions (inqu 12. Our dor  if yes, by following fac (multiple answers are pos	nestic business act tors sible) lack of	tivity is currer f skilled labou	ur [1]*			2012	2013		
Time spar 2004 WEST EAST	Special questions (Inqu 12. Our dor if yes, by following fac (multiple answers are pos n of variable 2005 2006	nestic business act tors sible) lack of 2007	tivity is curren	ur [1]* 2009	2010	2011				
Time spar 2004 WEST EAST 2014	Special questions (inqu 12. Our dor  if yes, by following fac (multiple answers are pos	nestic business act tors sible) lack of 2007	tivity is currer f skilled labou	ur [1]*			2012	2013		
Time spar 2004 WEST EAST	Special questions (Inqu 12. Our dor if yes, by following fac (multiple answers are pos n of variable 2005 2006	nestic business act tors sible) lack of 2007	tivity is curren	ur [1]* 2009	2010	2011				
Time spar 2004 WEST EAST 2014 WEST	Special questions (Inqu 12. Our dor if yes, by following fac (multiple answers are pos n of variable 2005 2006	nestic business act tors sible) lack of 2007	tivity is curren	ur [1]* 2009	2010	2011				
Time spar 2004 WEST EAST 2014 WEST	Special questions (Inqu 12. Our dor if yes, by following fac (multiple answers are pos n of variable 2005 2006	nestic business act tors sibile) lack of 2007	tivity is curren	ur [1]* 2009	2010	2011		2023		Survey frequency
Time spar 2004 WEST EAST 2014 WEST EAST No.	Special questions (inqu 12. Our dor if yes, by following fac (multiple answers are posed an of variable 2005 2006 2015 2016 Name	nestic business act tors sible) lack of 2007	tivity is current f skilled laboo 2008 2018 Label	ur [1]* 2009 2019	2010	2011	2022 Survey peri	2023 od		
Time spar 2004 WEST EAST 2014 WEST EAST No. 3.4)	Special questions (inqu 12. Our dor if yes, by following fac (multiple answers are pose 2005 2006 2005 2006 2015 2016 2016 2016 2016 2016 2016 2016 2016	nestic business act tors sibile) lack of 2007	tivity is current f skilled laboo 2008 2018 Label	ur [1]* 2009 2019	2010	2011	2022	2023 od		
Time spar 2004 WEST EAST 2014 WEST EAST No. 3.4)	Special questions (inquestions) if yes, by following factor (multiple answers are possible an of variable 2005 2006 2015 2016 Name dl_lacktec of question	nestic business act tors sible) lack of 2007	tivity is current f skilled laboo 2008 2018 Label	ur [1]* 2009 2019	2010	2011	2022 Survey peri	2023 od	Constraints by lack of skilled labour	Survey frequency inquired in Jan, Apr, July
Time spar 2004 WEST EAST 2014 WEST EAST No. 3.4)	Special questions (inquestions) if yes, by following factor (multiple answers are possible an of variable 2005 2006 2015 2016 Name dl_lacktec of question	nestic business act tors sible) lack of 2007	tivity is current f skilled laboo 2008 2018 Label	ur [1]* 2009 2019	2010	2011	2022 Survey peri	2023 od		
Time spar 2004 WEST EAST 2014 WEST EAST No. 3.4)	Special questions (Inqu 12. Our dor if yes, by following fac (multiple answers are pos- 2005 2006 2015 2006 2015 2016 000 Name d _lacktec 5pecial questions (Inqu 5pecial questions (Inqu	hestic business act tors sible) 2007 2017 2017 2017 2017 2017	tivity is curren f skilled laboo 2008 2018 2018 2018 2018 2018 2018 2018	ur [1]*	2010	2011	2022 Survey peri	2023 od	Constraints by lack of skilled labour	inquired in Jan, Apr, July
Time spar 2004 WEST EAST 2014 WEST EAST No. 3.4)	Special questions (Inqu 12. Our dor if yes, by following fac (multiple answers are pos- 2005 2006 2015 2006 2015 2016 000 Name d _lacktec 5pecial questions (Inqu 5pecial questions (Inqu	nestic business act tors sible) ack of 2007 accord constaints by	tivity is curren f skilled laboo 2008 2018 2018 2018 2018 2018 2018 2018	ur [1]*	2010	2011	2022 Survey peri	2023 od	Eurther information	inquired in Jan, Apr, July
Time spar 2004 WEST EAST 2014 WEST EAST No. 3.4)	Special questions (inqu if yes, by following fac (multiple answers are pose 2005 2006 2015 2016 2015 2016 2016 2016 2017 2016 2018 2018 2016 2018 2016 201	nestic business act tors sible) ack of ack o	tivity is curren f skilled laboo 2008 2018 2018 2018 2018 2018 2018 2018	ur [1]*	2010	2011	2022 Survey peri	2023 od	Eurther information	inquired in Jan, Apr, July
Time spar 2004 WEST EAST 2014 WEST EAST No. 3.4)	Special questions (inqu 12. Our dor in if yes, by following fac (multiple answers are pos- 2005 2006 2005 2006 2006 2005 2006 200	nestic business act tors sible) 2007 2017 2017 2017 2017 2017 2017 2017	tivity is curren	ur [1]* 2009 2019 contrain	2010	2011	2022 Survey peri	2023 od	Eurther information	inquired in Jan, Apr, July
Time spar 2004 WEST EAST 2014 WEST EAST No. 3.4)	Special questions (inqu if yes, by following fac (multiple answers are pose 2005 2006 2015 2016 2015 2016 2016 2016 2017 2016 2018 2018 2016 2018 2016 201	nestic business act tors sible) 2007 2017 2017 2017 2017 2017 2017 2017	tivity is curren f skilled laboo 2008 2018 2018 2018 2018 2018 2018 2018	ur [1]* 2009 2019 contrain	2010	2011 2021 East and V	2022 Survey peri	2023 od	Eurther information	inquired in Jan, Apr, July
Time spar 2004 WEST EAST 2014 WEST EAST 3.4) Wording of since 10/20	Special questions (inqu 12. Our dor if yes, by following fac (multiple answers are posed 2005 2006 2005 2006 2005 2006 2005 2006	nestic business act tors sible) 2007 2017 2017 2017 2017 2017 2017 2017	tivity is curren	ur [1]* 2009 2019 contrain	2010	2011 2021 East and V	2022 Survey peri	2023 od	Eurther information	inquired in Jan, Apr, July
Time spar 2004 WEST EAST 2014 WEST EAST 3.4) Wording of since 10/20	Special questions (inqu if yes, by following fac (multiple answers are pose 2005 2006 2015 2016 2015 2016 2016 2016 2017 2016 2018 2018 2016 2018 2016 201	hestic business act tors sibile) lack of 2007 2017 2017 constaints by ired only every 3 m hestic business act tors sibile) lack of ter	tivity is curren	ur [1]* 2009 2019 contrain	2010	2011 2021 East and V	2022 Survey peri	2023 od	Eurther information	inquired in Jan, Apr, July

	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										
No.	Name			Label				Survey peri	iod	Survey frequency
3.5)	dl_finan		constaints b	y problems of	financing		East and W	est since 1	0/2004	inquired in Jan, Apr, Ju
Wording of	of question									
since 10/20	004									Further information
	Special quest	tions (inquired	l only every 3	months)						Constraints to business activity by problems of financing
		2. Our domest	ic business ac	tivity is curre	ently constrair	ned				
	<b>if yes</b> , by foll (multiple answ	owing factors ers are possible								
			proble	ems of financ	ing [1]*		yes [1]			
			prosi							
Time spar	n of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST EAST										
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										
No.	Name			Label				Survey peri	iod	Survey frequency
		m	constaints h		n/ husiness en	uinment				
3.6)	dl_lackroo	m	constaints b		n/ business eq	uipment	East and W			Survey frequency inquired in Jan, Apr, Ju
3.6) Wording o	dl_lackroon	m	constaints b		n/ business eq	uipment				
3.6)	dl_lackroon		constaints b	y lack of roon	n/ business eq	uipment				inquired in Jan, Apr, Ju
3.6) Wording o	dl_lackroon of question 004 Special quest	tions (inquired	d only every 3	y lack of roon	n/ business eq ently constrair					inquired in Jan, Apr, Ju
3.6) Wording o	dl_lackroon of question 004 Special quest 12  if yes, by foll	t <b>ions (inquirec</b> 2. Our domest owing factors	d only every 3 ic business ac	y lack of roon						inquired in Jan, Apr, Ju
3.6) Wording o	dl_lackroon of question 004 Special quest 12  if yes, by foll	t <b>ions (inquirec</b> 2. Our domest	d only every 3 ic business ac	y lack of roon						inquired in Jan, Apr, Ju
3.6) Wording o	dl_lackroon of question 004 Special quest 12  if yes, by foll	t <b>ions (inquirec</b> 2. Our domest owing factors	d only every 3 ic business ac	y lack of roon	ently constrain		East and W			inquired in Jan, Apr, Ju
3.6) Wording of since 10/20	dl_lackroon of question 104 Special quest 12  if yes, by foll (multiple answ	t <b>ions (inquirec</b> 2. Our domest owing factors	d only every 3 ic business ac	y lack of roon months)	ently constrain		East and W			inquired in Jan, Apr, Ju
3.6) Wording of since 10/20 Time spar	dl_lackroon of question 004 Special quest 12  if yes, by foll (multiple answ n of variable	cions (inquirec	d only every 3 jc business ac ; ; ) lack of roor	y lack of roon months) :tivity is curre	ently constrain uuipment [1]*	red	East and W	fest since 1	0/2004	inquired in Jan, Apr, Ju
3.6) Wording c since 10/20 Time spar 2004	dl_lackroon of question 104 Special quest 12  if yes, by foll (multiple answ	t <b>ions (inquirec</b> 2. Our domest owing factors	d only every 3 ic business ac	y lack of roon months)	ently constrain		East and W			inquired in Jan, Apr, Ju
3.6) Wording of since 10/20 Time spar	dl_lackroon of question 004 Special quest 12  if yes, by foll (multiple answ n of variable	cions (inquirec	d only every 3 jc business ac ; ; ) lack of roor	y lack of roon months) :tivity is curre	ently constrain uuipment [1]*	red	East and W	fest since 1	0/2004	inquired in Jan, Apr, Ju
3.6) Wording of since 10/20 Time span 2004 WEST	dl_lackroon of question 004 Special quest 12  if yes, by foll (multiple answ n of variable	cions (inquirec	d only every 3 jc business ac ; ; ) lack of roor	y lack of roon months) :tivity is curre	ently constrain uuipment [1]*	red	East and W	fest since 1	0/2004	inquired in Jan, Apr, Ju
3.6) Wording of since 10/20 Time spar 2004 WEST EAST 2014 WEST	dl_lackroon of question 004 Special quest 12  if yes, by foll (multiple answ n of variable 2005	2. Our domest	i only every 3 ic business ac	y lack of room months) ctivity is curre	uipment [1]*	2010	East and W	/est since 1	2013	inquired in Jan, Apr, Ju
3.6) Wording of since 10/20 Time spar 2004 WEST EAST 2014	dl_lackroon of question 004 Special quest 12  if yes, by foll (multiple answ n of variable 2005	2. Our domest	i only every 3 ic business ac	y lack of room months) ctivity is curre	uipment [1]*	2010	East and W	/est since 1	2013	inquired in Jan, Apr, Ju
3.6) Wording of Since 10/20 Time spare 2004 WEST EAST 2014 WEST EAST	dl_lackroon of question 004 Special quest if yes, by foll (multiple answ 0 of variable 2005	2. Our domest	i only every 3 ic business ac	y lack of room months) ctivity is curre n/business ec	uipment [1]*	2010	East and W	/est since 1	2013	Further information         Constraints by lack of room/ business equipment
3.6) Wording of since 10/20 Time spar 2004 WEST EAST 2014 WEST	dl_lackroon of question 004 Special quest 12  if yes, by foll (multiple answ n of variable 2005	2. Our domest	i only every 3 ic business ac	y lack of room months) ctivity is curre n/business ec	uipment [1]*	2010	East and W	/est since 1	2013	inquired in Jan, Apr, Ju
3.6) Wording of Since 10/20 Time spare 2004 WEST EAST 2014 WEST EAST	dl_lackroon of question 004 Special quest if yes, by foll (multiple answ 0 of variable 2005	cions (inquiree 2. Our domest owing factors ers are possible 2006 2016	l only every 3 ic business ac ) lack of roor 2007	y lack of room months) ctivity is curre n/business ec	uuipment [1]*	2010	East and W	fest since 1	0/2004	Further information         Constraints by lack of room/ business equipment

Special question	ons (inquired only every 3 months)		Constraints by weather conditions
12.	Our domestic business activity is currently constrained		
if yes, by follo	wing factors		
(multiple answe	rs are possible)		
	yes [1]	7	
	weather conditions [1]*		

Time span	of variable								
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
WEST									
EAST									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

West since 07/2018 East since 07/2018

No. Name Label Survey period constraints: lack of manpower

Label

Survey frequency

Survey frequency

inquired in Jan, Apr, July, Oct inquired in Jan, Apr, July, Oct

Wording of question

dl\_mplack

3.8)

										Further information
since 07/2	2018									
										Constraints by other reasons
The const	ruction activity/	execution of o	rders was con	strained						
[]	action activity,	caccuton or o	iders mus con	Junica						
LJ	If yes, due to									
	ii yes, due to									
								г		
		-					yes [1]			
					(4)					
			laci	c of manpower	.[1]					
		L					-	J		
										-
-										
Time spa	an of variable									
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	2020	
							_	_		
							WEST			
							EAST			

No. Name

Survey period

3.9)	dl_othrea		constaints b	y other reasor	s		East and W	/est since 1	0/2004		inquired in Jan, Apr, July, Oct
Wording	of question										
	•										
since 10/2	004									Further information	
	Special questi				Constraints by other reasons						
		. Our domesti	ic business ac	tivity is curre							
	 if yes, by follo	owing factors									
	(multiple answe	ers are possible	)					_			
	I						yes [1]	-			
			of	her reasons [	L]*						
	L							J			
Time spa	n of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WEST											
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
2014	2015	2010	2017	2010	2015	2020	2021	2022	2025		
WEST											
EAST											
										1	
No.	Name			Label				Survey per	iod		Survey frequency

No. Name Label Survey period

potential of existing capacity

inquired in Jan, Apr, July, Oct

dl\_kap1 Wording of question

3.10)

since 04/2011				Further information
Special questions (inquired only every 3 months)	Potential of existing capacity			
	yes [1]	no [2]		
13. Would you currently be able to handle an increased demand with the capacities currently existing in your company?				
			-	

East and West since 04/2011

Time span	of variable								
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
							WEST EAST		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

No.	Name						East and W	lost since O			
			dl kap2 potential capacity expansion in %								
3.11)	dl_kap2		potential car	oacity expansi	on in %			rest since 04	4/2011	inquired in Jar	n, Apr, July, O
Wording o	of question										
since 04/20	011									Further information	
	Special quest	ions (inquire	d only every 3	months)						Potential capacity expansion in percentage	
	13. Would yo your compar	ou currently b vy?	oe able to hand	lle an increase	ed demand wi	th the capacit	ies currently e	xisting in			
	 if yes:										
	We cou	ıld expand oı	ur business act	tivity by		%					
Time spar	n of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
							WEST				
							EAST				
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST EAST											
No.	Name		Label				Survey peri	od		Survey freque	ncy
	Hume		Luber				Survey peri	04		Survey neque	
3.12)	dl_fambus		family busin	ess			East and W	/est 02/201	4	once	
Wording of	of question										
										Fronth and the formation	
02/2014										Further Information	
	arch purpos or 3									Further Information	
	arch purposes?									Further Information	
D) For resea Do you envi	rision yourself a	s a family bu		redominately	by one or mo	re families th	at are connecte	ed)		Further Information	
D) For resea Do you envi		s a family bu nose voting ca	apital is held p	_	by one or mo	re families th	at are connecte	ed)		Further Information	
D) For resea Do you envi	rision yourself a	s a family bu	apital is held p	redominately	by one or mo	re families th	at are connecto	ed)		Further Information	
D) For resea Do you envi (This means	rision yourself a Is a company wh	s a family bu nose voting ca	apital is held p	_	by one or mo	re families th	at are connecto	ed)		Further Information	
D) For resea Do you envi (This means	rision yourself a	s a family bu nose voting ca	apital is held p	_	by one or mo	re families th	at are connecto	sd)		Further Information	
D) For resea Do you envi (This means	rision yourself a Is a company wh	s a family bu nose voting ca	apital is held p	_	by one or mo	re families th	at are connecte	2012	2013	Further Information	
D) For resea Do you envi (This means Time spar	rision yourself a s a company wh n of variable	s a family bu nose voting ca ]yes[1]	apital is held p	]no[2]					2013	Further Information	
D) For resea Do you envi (This means Time spar	n of variable	s a family bu lose voting co ]ves[1] 2006	2007	]no[2] 2008	2009		2011	2012		Further Information	
D) For resea Do you envi (This means Time spar	rision yourself a s a company wh n of variable	s a family bu nose voting ca ]yes[1]	apital is held p	]no[2]					2013	Further Information	
D) For resea Do you envi (This means Time spar 2004 2014 WEST	n of variable	s a family bu lose voting co ]ves[1] 2006	2007	]no[2] 2008	2009	2010	2011	2012		Further Information	
D) For resea Do you envi (This means Time span 2004 2014	n of variable	s a family bu lose voting co ]ves[1] 2006	2007	]no[2] 2008	2009	2010	2011	2012		Further Information	
D) For resea Do you envi (This means Time span 2004 2014 WEST EAST	ision yourself a s a company wh n of variable 2005 2015	s a family bu lose voting co ]ves[1] 2006	2007 2017	]no[2] 2008	2009	2010	2011 2021	2012			
D) For resea Do you envi (This means Time spar 2004 2014 WEST	n of variable	s a family bu lose voting co ]ves[1] 2006	2007	]no[2] 2008	2009	2010	2011	2012		Further Information	псу
D) For resea Do you envi (This means 2004 2014 WEST EAST No.	ision yourself a s a company wh n of variable 2005 2015 2015 Name	s a family bu lose voting co ]ves[1] 2006	2007 2017	]no[2] 2008 2018	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13)	ision yourself a s a company wh n of variable 2005 2015 2015 Name dl_minim1	s a family bu lose voting co ]ves[1] 2006	2007 2017 Label	]no[2] 2008 2018	2009	2010	2011 2021 Survey peri	2012	2023		ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13)	ision yourself a s a company wh n of variable 2005 2015 2015 Name	s a family bu lose voting co ]ves[1] 2006	2007 2017 Label	]no[2] 2008 2018	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13)	ision yourself a s a company wh n of variable 2005 2015 2015 Name dl_minim1	s a family bu lose voting co ]ves[1] 2006	2007 2017 Label	]no[2] 2008 2018	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13) Wording of 11/2014	ision yourself a s a company wh n of variable 2005 2015 2015 2015 Name d]_minim1 of question	s a family bu nose voting ca yes[1] 2006 2016	2007 2017 Label minimum wa	2008 2018 ge q1	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13) Wording o 11/2014 1.01/01/20	ision yourself a s a company wh n of variable 2005 2015 2015 Name dl_minim1	s a family bu kose voting cz yes[1] 2006 2016	2007 2017 Label minimum wa	2008 2018 ge q1	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13) Wording o 11/2014 1.01/01/20	ision yourself a is a company with n of variable 2005 2015 2015 Name dl_minim1 of question	s a family bu kose voting cz yes[1] 2006 2016	2007 2017 Label minimum wa	2008 2018 ge q1	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13) Wording o 11/2014 1.01/01/20	ision yourself a is a company with n of variable 2005 2015 2015 Name dl_minim1 of question	s a family bu kose voting cz yes[1] 2006 2016	2007 2017 Label minimum wa	2008 2018 ge q1	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13) Wording o 11/2014 1.01/01/20	ision yourself a is a company with n of variable 2005 2015 2015 Name dl_minim1 of question	s a family bu lose voting co yes[1] 2006 2016 2016 10 2016	2007 2017 Label minimum wa	]no[2] 2008 2018 ge q1 be implemente	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13) Wording of 11/2014 1.01/01/20 Is your co	ision yourself a is a company with n of variable 2005 2015 2015 Name dl_minim1 of question	s a family bu lose voting co yes[1] 2006 2016 2016 10 2016	2007 2017 Label minimum wa	]no[2] 2008 2018 ge q1 be implemente	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 2014 WEST EAST No. 3.13) Wording of 11/2014 1.01/01/20 Is your co	ision yourself a s a company wi n of variable 2005 2015 2015 2015 015 the general mpa ny affected mpa ny affected	s a family bu iose voting co yes[1] 2006 2016 2016 2016 30 2016 2016 30 2016 30 2016 30 2016 30 2016 30 2016 2016 2016 2016 30 2016 2016 2016 2016 2016 2016 2016 201	2007 2017 2017 Label minimum wa ge policy will	2008 2018 ge q1 be implemente ]no[2]	2009 2019 ed.	2010	2011 2021 Survey peri	2012 2022 od /est 11/201	4	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13) Wording of 11/2014 1.01/01/20 Is your co	ision yourself a s a company with n of variable 2005 2015 2015 2015 dl_minim1 of question	s a family bu lose voting co yes[1] 2006 2016 2016 10 2016	2007 2017 Label minimum wa	]no[2] 2008 2018 ge q1 be implemente	2009	2010	2011 2021 Survey peri	2012 2022 od	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 2014 WEST EAST No. 3.13) Wording of 11/2014 1.01/01/20 Is your co	ision yourself a s a company wi n of variable 2005 2015 2015 2015 015 the general mpa ny affected mpa ny affected	s a family bu iose voting co yes[1] 2006 2016 2016 2016 30 2016 2016 30 2016 30 2016 30 2016 30 2016 30 2016 2016 2016 2016 30 2016 2016 2016 2016 2016 2016 2016 201	2007 2017 2017 Label minimum wa ge policy will	2008 2018 ge q1 be implemente ]no[2]	2009 2019 ed.	2010	2011 2021 Survey peri	2012 2022 od /est 11/201	4	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 WEST EAST No. 3.13) Wording of 1.01/01/20 1s your co Time span 2004	ision yourself a s a company with n of variable 2005 2015 2015 2015 2015 2015 2015 2015	s a family bu nose voting co yes [1] 2006 2016 2016 2016 yes [1] yes [1] 2006	2007 2017 2017 Label minimum wa ge policy will 2007 2017	]no[2] 2008 2018 ge q1 be implemente ]no[2] 2008	2009 2019 ed. 2019	2010	2011 2021 East and W	2012 2022 od /est 11/201	2023	Survey freque	ncy
D) For resea Do you envi (This means 2004 2014 2014 WEST EAST No. 3.13) Wording of 11/2014 1.01/01/20 Is your co	ision yourself a s a company wi n of variable 2005 2015 2015 2015 015 the general mpa ny affected mpa ny affected	s a family bu iose voting co yes[1] 2006 2016 2016 2016 30 2016 2016 30 2016 30 2016 30 2016 30 2016 30 2016 2016 2016 2016 30 2016 2016 2016 2016 2016 2016 2016 201	2007 2017 2017 Label minimum wa ge policy will	2008 2018 ge q1 be implemente ]no[2]	2009 2019 ed.	2010	2011 2021 Survey peri	2012 2022 od /est 11/201	4	Survey freque	ncy

No.	Name		Label				Survey peri	od			Survey frequency
3.14)	dl_minim2		minimum wa	ge qz			East and W	est 11/201	4		once
Wording	of question									Further information	
11/2014										Further Information	
	5 the general mi npany affected b		policy will be i	mplemented.							
		yes	<i>\       </i>	no							
2. If yes: W	ith which measu	ures will you	likely react to t	he minimum '	wage?						
		[1] No meas	ures neccessar	y or schedule	d						
										-	
Time spa	n of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											
No.	Name		Label				Survey peri	od			Survey frequency
NU.	INATTIC		Laber				Survey pen	ou			Survey frequency
3.15)	dl_minim3		minimum wa	ge q3			East and W	/est 11/201	4		once
	dl_minim3 of question		minimum wa	ge q3			East and W	/est 11/201	4		once
Wording			minimum wa	ge q3			East and W	/est 11/201	4	Further information	once
Wording ( 11/2014 01/01/2011	of question						East and W	/est 11/201	4	Further information	once
Wording ( 11/2014 01/01/2011	of question	y this?	policy will be i	mplemented.			East and W	/est 11/201	4	Further information	once
Wording ( 11/2014 01/01/2011	of question	y this?		mplemented.			East and W	'est 11/201	4	Further information	once
Wording 11/2014 01/01/201: Is your con	of question	yes	e policy will be i	mplemented.			East and W	'est 11/201	4	Further information	once
11/2014 01/01/201: Is your con	of question 5 the general mi npany affected b	yes	e policy will be i	mplemented.			East and W	fest 11/201	4	Further information	once
Wording 11/2014 01/01/201: Is your con	of question 5 the general mi npany affected b	y this? yes ures will you	e policy will be i	mplemented.			East and W	fest 11/201	4	Further information	once
Wording 11/2014 01/01/2012 Is your con 2. If yes: W	of question 5 the general mi npany affected b	y this? yes ures will you	e policy will be i	mplemented.			East and W	fest 11/201	4	Further information	once
Wording 11/2014 01/01/2012 Is your con 2. If yes: W	of question 5 the general mi ppany affected b	y this? yes ures will you	e policy will be i	mplemented.		2010	East and W	test 11/201	2013	Further information	once
Wording 11/2014 01/01/2011 Is your con 2. If yes: W Time spa	of question 5 the general mi final papary affected b f	yes yes ures will you [1] personni	e policy will be in	mplemented. Ino	wage?	2010				Further information	once
Wording 11/2014 01/01/2011 Is your con 2. If yes: W Time spa	of question 5 the general mi final papary affected b f	yes yes ures will you [1] personni	e policy will be in	mplemented. Ino	wage?	2010				Further information	once
Wording 1 11/2014 01/01/2013 Is your con 2. If yes: W 7 Time spa 2004 2014 WEST	of question 5 the general mi spany affected b fith which measu in of variable 2005	y this? yes ures will you [1] personn 2006	e policy will be in filter of the second se	mplemented. no he minimum 2008	wage? 2009		2011	2012	2013	Further information	once
Wording ( 11/2014 01/01/2011 Is your con 2. If yes: W Time span 2004	of question 5 the general mi spany affected b fith which measu in of variable 2005	y this? yes ures will you [1] personn 2006	e policy will be in filter of the second se	mplemented. no he minimum 2008	wage? 2009		2011	2012	2013	Further information	once
Wording of 11/2014 01/01/2011 Is your con 2. If yes: W Time span 2004 2014 WEST EAST	n of variable	y this? yes ures will you [1] personn 2006	e policy will be i	mplemented. no he minimum 2008	wage? 2009		2011	2012	2013	Further information	
Wording of 11/2014 01/01/2011 Is your con 2. If yes: W Time span 2004 2004 WEST EAST	of question 5 the general mi spany affected b fith which measu in of variable 2005	y this? yes ures will you [1] personn 2006	e policy will be in filter of the second se	mplemented. no he minimum 2008	wage? 2009		2011	2012	2013	Further information	once
Wording i 11/2014 01/01/2013 Is your con 2. If yes: W Time span 2004 2004 2014 WEST EAST No.	n of variable	y this? yes ures will you [1] personn 2006	e policy will be i	mplemented. Ino he minimum 2008 2018	wage? 2009		2011	2012 2022 2022	2013	Further information	
Wording i 11/2014 01/01/2011 Is your con 2. If yes: W Time spai 2004 2004 WEST EAST No. 3.16)	n of variable 2005 2015 Name	y this? yes ures will you [1] personn 2006	e policy will be i likely react to t el cuts 2007 2017 Label	mplemented. Ino he minimum 2008 2018	wage? 2009		2011 2021 Survey peri	2012 2022 2022	2013	Further information	Survey frequency
Wording i 11/2014 01/01/2011 Is your con 2. If yes: W Time spai 2004 2004 WEST EAST No. 3.16)	of question S the general mi papary affected b ith which measu ith which measu 2005 2015 2015 Name dl_minim4	y this? yes ures will you [1] personn 2006	e policy will be i likely react to t el cuts 2007 2017 Label	mplemented. Ino he minimum 2008 2018	wage? 2009		2011 2021 Survey peri	2012 2022 2022	2013	Further information	Survey frequency
Wording i 11/2014 01/01/2013 Is your con 2. If yes: W Time spa 2004 2014 WEST EAST No. 3.16) Wording i 11/2014	of question S the general mi papary affected b ith which measu ith which measu 2005 2015 2015 Name dl_minim4	y this? yes lres will you 2006 2016	e policy will be l likely react to t el cuts 2007 2017 Label minimum wa	mplemented. no he minimum 2008 2018 2018	2009 2019		2011 2021 Survey peri	2012 2022 2022	2013		Survey frequency
Wording i 11/2014 01/01/2011 Is your con 2. If yes: W Time spai 2004 2014 WEST EAST No. 3.16) Wording i 11/2014 01/01/2011	of question  5 the general mi papany affected b  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	y this? yes l1] personn 2006 2016 nimum wage	e policy will be l likely react to t el cuts 2007 2017 Label minimum wa	mplemented. no he minimum 2008 2018 2018	2009 2019		2011 2021 Survey peri	2012 2022 2022	2013		Survey frequency

		[1] reduction	of working ho	iurs					
Time span	of variable								
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

No.	Name	Label

Survey period

Survey frequency

once

3.17) dl\_minim5 minimum wage q5

East and West 11/2014

Wording of question	

										Further information
11/2014										
01/01/2015	the general mi	nimum wage r	olicy will be	implemented.						
	any affected b		Joney with be	imprementeu.						
	(/////////////////////////////////////			no						
	<u>\////////////////////////////////////</u>	yes	///////////////////////////////////////	10						
2. If yes: With	h which measu	ires will you li	kely react to f	the minimum	wage?					
		[1] increase i	n nrices							
		121111111111111111111111111111111111111	in prices							
-	- Constants									
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										

No. Name Label

Survey period

Survey frequency

once

once

3.18) dl\_minim6 minimum wage q6

dl\_minim7 minimum wage q7

3.19)

East and West 11/2014

Wording of question

										Further information	
11/2014											
	the general mi pany affected b		policy will be	implemented.							
	<i>\///////</i>	yes	<i>\////////////////////////////////////</i>	no							
2. If yes: Wi	th which meas	ures will you l	ikely react to 1	the minimum v	wage?						
		<b>1</b> 44									
		[1] reduction	of investment	:							
Time spar	n of variable										
Time spar	n of variable 2005	2006	2007	2008	2009	2010	2011	2012	2013		
			2007	2008	2009	2010	2011	2012	2013		
			2007	2008	2009	2010	2011	2012	2013		
			2007 2017	2008	2009 2019	2010	2011 2021	2012	2013 2023		
2004 2014 WEST	2005	2006									
2004	2005	2006									
2004 2014 WEST	2005	2006									

East and West 11/2014

11/2014										Further information
	the general mir	nimum wage	policy will be	implemented.						
	pany affected by									
	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	yes	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	no						
	th which measu				wage?					
		<li>[1] reductior</li>	n of special par	yments						
			_							
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										
No.	Name		Label				Survey peri	od		Survey frequency
3.20)	dl_minim8		minimum wa	ge q8			East and W	/est 11/201	.4	once
Wording of	f question									
										Further information
										Further information
01/01/2015	the general mir pany affected by		policy will be	implemented.						Further information
01/01/2015 Is your comp	pany affected by	y this?								Further information
01/01/2015 Is your comp	pany affected by	y this? yes	<i>\         </i>	no						Further information
01/01/2015 Is your comp	pany affected by	y this? yes	<i>\         </i>	no						Further information
01/01/2015 Is your comp	th which measu	y this? yes	<i>\         </i>	no						Further information
Is your comp	th which measu	y this? yes res will you	<i>\         </i>	no						Further information
01/01/2015 Is your comp 2. If yes: Wit	th which measu	y this? yes res will you	<i>\         </i>	no						Further information
01/01/2015 Is your comp 2. If yes: Wit	pany affected by	y this? yes res will you	<i>\         </i>	no		2010	2011	2012	2013	Further information
01/01/2015 Is your comp 2. If yes: Wit Time span	of variable	y this? yes res will you [1] other	likely react to t	no the minimum v	wage?	2010	2011	2012	2013	Further information
01/01/2015 Is your comp 2. If yes: Wit Time span 2004	of variable	y this? yes res will you [1] other 2006	2007	no the minimum t 2008	wage?					Further information
01/01/2015 Is your comp 2. If yes: Wit Time span 2004 2014	of variable	y this? yes res will you [1] other	likely react to t	no the minimum v	wage?	2010	2011	2012	2013	Further information
01/01/2015 Is your comp 2. If yes: Wit Time span 2004 2014 WEST	of variable	y this? yes res will you [1] other 2006	2007	no the minimum t 2008	wage?					Further information
01/01/2015 Is your comp 2. If yes: Wit Time span 2004	of variable	y this? yes res will you [1] other 2006	2007	no the minimum t 2008	wage?					Further information
01/01/2015 Is your comp 2. If yes: Wit Time span 2004 2014 WEST EAST	of variable	y this? yes res will you [1] other 2006	2007 2017	no the minimum t 2008	wage?		2021		2023	Further information
01/01/2015 Is your comp 2. If yes: Wit Time span 2004 2014 WEST EAST NO.	of variable 2005 2015 Name	y this? yes res will you [1] other 2006 2016	2007 2017	no the minimum t 2008 2018 Label	wage?		2021	2022 Survey peri	2023 od	Survey frequency
01/01/2015 Is your comp 2. If yes: Wit 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	of variable 2005 2015 Name dl_invest_jj	y this? yes res will you [1] other 2006 2016	2007 2017	no the minimum t 2008 2018 Label	wage?		2021 East and W	2022	2023 od	
01/01/2015 Is your comp 2. If yes: Wit Time span 2004 2014 WEST EAST NO. 3.21) Wording of	of variable 2005 2015 Name dl_invest_jj	y this? yes res will you [1] other 2006 2016	2007 2017	no the minimum t 2008 2018 Label	wage?		2021 East and W	2022 Survey peri	2023 od	Survey frequency inquired once inquired in May
01/01/2015 Is your comp 2. If yes: Wit Time span 2004 2014 WEST	of variable 2005 2015 Name dl_invest_lj f question +	y this? yes res will you [1] other 2006 2016	2007 2017 total investm	no the minimum t 2008 2018 Label	wage?		2021 East and W	2022 Survey peri	2023 od	Survey frequency inquired once inquired in May Eurther information
01/01/2015 Is your comp 2. If yes: Wit Time span 2004 2014 2014 WEST EAST No. 3.21) Wording o April	of variable 2005 2015 Name dl_invest_lj f question +	r this? yes (1) other 2006 2016 2016 since 2006	2007 2017 total investm	no the minimum t 2008 2018 Label	wage?		2021 East and W	2022 Survey peri	2023 od	Survey frequency inquired once inquired in May
201/01/2015 Is your comp 2. If yes: Wit Time span 2004 2014 2014 2014 2014 2014 2014 2014	of variable 2005 2015 Name d_invest_lj f question +	y this? yes res will you [1] other 2006 2016 2016 2016 30 2016 30 2016 30 2016 30 2016 30 2016 30 2016 30 30 30 30 30 30 30 30 30 30 30 30 30	2007 2017 total investm	no the minimum t 2008 2018 Label	wage?		2021 East and W	2022 Survey peri	2023 od 005	Survey frequency Inquired once Inquired once Inquired in May Eurther information

										A variable about expected investments that referred to the current year
	WEST									in May and to the upcoming year in November.
	EAST									Since 2015 these 2 variables are replaced by 3, referring to the past,
										the current and the upcoming year respectively.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	For previous years the old investment special questions are recoded
										such that they are constructed in the same way they are from 2015 on
WEST										
EAST										
-										

No. Name Label

Survey period

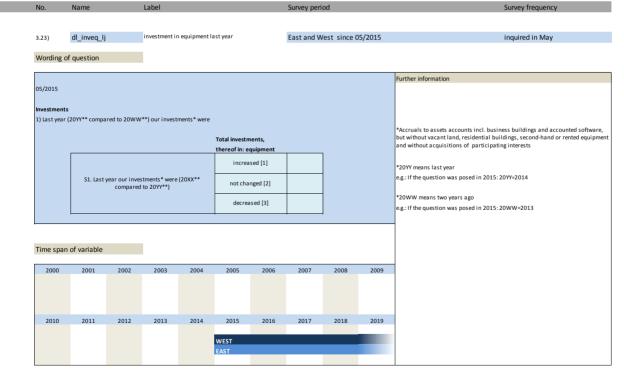
Survey frequency

dl\_invcon\_lj investment in construction last year 3.22)

East and West since 05/2015

inquired in May

										Further information
5/2015										
vestments										
Last year (	20YY** compa	red to 20WW	**) our invest	ments* were						
					- · · · ·					*Accruals to assets accounts incl. business buildings and accounted software but without vacant land, residential buildings, second-hand or rented equipm
					Total investn thereof in: o	and without acquisitions of participating interests				
							1	1		
					increa	ised [1]				*20YY means last year
	S1. Last		stments* were to 20YY**)	(20XX**	not cha	nged [2]				e.g.: If the question was posed in 2015: 20YY=2014
					docros	ased [3]		1		*20WW means two years ago
					uecrea	iseu [5]				e.g.: If the question was posed in 2015: 20WW=2013
								]		
ime span	of variable		1					]		eg. nune question was poseu in 2013, 200 m-2013
ime span 2000	of variable	2002	2003	2004	2005	2006	2007	2008	2009	
		2002	2003	2004	2005	2006	2007	2008	2009	
		2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001				2015					
2000	2001									



No.	Name	Label	Survey period	Survey frequency
	ما تعبيمه ما		Fact and West since OF (2000	incurrent in Mary Marganhan
3.24)	dl_invest_dj	total investment this year	East and West since 05/2006	inquired in May, November
Wording	of question			
wording	orquestion			
April	+ 1	May	Further information	
2005	sinc	e 2006		
			Development of Inve	stments in the current year compared to the previous

	Special question investments					
	(only in May and November)					*Accruals to assets accounts incl. business buildings and accounted subut without vacant land, residential buildings, second-hand or rented of
		increase [1]				and without acquisitions of participating interests
	S2. In the current year our investments* will likely (20WW** compared to 20XX**)	not change [2]				"20WW" means current year
		decrease [3]				Example: If the question was posed in November 2009, "20WW"="2009"
Nov	ember		н I			"20XX" means last year
2006	5 - 2008					Example: if the question was posed in May 2009, "20XX"="2008".
	Special question investments (only in May and November)					
		increase [1]				Until 2015 the special questions <b>3.20) invest_lj, 3.23) invest_dj</b> and <b>3.26) invest_nj</b> were expressed by 2 variables with different
	S1. In the current year our investments* will likely (20WW*compared to 20XX**)	stay the same [2]				wording and meaning of the question depending on whether it was pose in May or November:
	(2000 Compared to 2000 -	decrease[3]				A variable about (past) investments referred to the previous year if asked in May, and it referred to the current year in November.
						A variable about expected investments that referred to the current year in May and to the upcoming year in November.
	rember + May n 2009 from 2015	to 5/2018				Since 2015 these 2 variables are replaced by 3, referring to the past, the current and the upcoming year respectively.
	Special question investments					For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on
	(only in May and November)	1	1			
	S1. In the current year our investments* will likely be	increased [1]				
	(20WW** compared to 20XX**)	not changed [2]				
		decreased [3]				
	(only in May and November)	Total investments	-			20WW = this year
		+ [1]				Label in data set:
	In the current year our investments (20WW** compared to 20XX**)	+ [1] = [2]	-			Label in data set: += increased [1] == not changed [2]
	In the <b>current year</b> our investments (20WW**	+ [1]	-			Label in data set: + = increased [1]
Time span	In the <b>current year</b> our investments (20WW**	+ [1] = [2]				Label in data set: += increased [1] == not changed [2]
Time span 2004	In the current year our investments (20WW** compared to 20XX**)	+ [1] = [2]	2011	2012	2013	Label in data set: + = increased [1] = = not changed [2]
	In the current year our investments (20WW** compared to 20XX**) It of variable 2005 2006 2007 2008 WEST	+ [1] = [2] - [3]	2011	2012	2013	Label in data set: += increased [1] == not changed [2]
	In the current year our investments (20WW** compared to 20XX**) I of variable	+ [1] = [2] - [3]	2011	2012	2013	Label in data set: + = increased [1] = = not changed [2]
	In the current year our investments (20WW** compared to 20XX**) It of variable 2005 2006 2007 2008 WEST	+ [1] = [2] - [3]	2011	2012	2013	Label in data set: + = increased [1] = = not changed [2]
2004	In the current year our investments (20WW** compared to 20XX**) o of variable 2005 2006 2007 2008 WEST EAST	+ [1] = [2] - [3] 2009 2010		-		Label in data set: += increased [1] == not changed [2]
2004 2014 WEST	In the current year our investments (20WW** compared to 20XX**) o of variable 2005 2006 2007 2008 WEST EAST	+ [1] = [2] - [3] 2009 2010		-		Label in data set: += increased [1] == not changed [2]
2004 2014 WEST	In the current year our investments (20WW** compared to 20XX**) o of variable 2005 2006 2007 2008 WEST EAST	+ [1] = [2] - [3] 2009 2010		2022		Label in data set: += increased [1] == not changed [2]
2004 2014 WEST EAST	In the current year our investments (20WW** compared to 20XX**) an of variable 2005 2006 2007 2008 WEST EAST 2015 2016 2017 2018 I I I I I I I I I I I I I I I I I I I	+ [1] = [2] - [3] 2009 2010 2019 2020	2021	2022 od	2023	Label in data set: + = increased [1] = = not changed [2] - = decreased [3]
2004 2014 WEST EAST No. 3.25)	In the current year our investments (20WW** compared to 20XX**) 1 of variable 2005 2006 2007 2008 WEST EAST 2015 2016 2017 2018 WEST EAST 2015 2016 2017 2018 Name Label	+ [1] = [2] - [3] 2009 2010 2019 2020	2021 Survey perio	2022 od	2023	Label in data set: + = increased [1] = = not changed [2] - = decreased [3]
2004 2014 WEST EAST No. 3.25) Wording c	In the current year our investments (20WW** compared to 20XX**) of variable 2005 2006 2007 2008 WEST EAST 2015 2016 2017 2018 2015 2016 2017 2018 Mame Label d_invcon_dj investment in construction of question	+ [1] = [2] - [3] 2009 2010 2019 2020	2021 Survey perio	2022 od	2023	Label in data set: + = increased [1] = = not changed [2] - = decreased [3]
2004 2014 WEST EAST No. 3.25) Wording c	In the current year our investments (20WW** compared to 20XX**)  To f variable  2005 2006 2007 2008 WEST EAST 2015 2016 2017 2018  WEST EAST 2015 2016 2017 2018 201 201 201 201 201 201 201 201 201 201	+ [1] = [2] - [3] 2009 2010 2019 2020	2021 Survey perio	2022 od	2023	Label in data set: + = increased [1] = = not changed [2] - = decreased [3] Survey frequency inquired in May/Novembe
2004 2014 WEST EAST No. 3.25) Wording c	In the current year our investments (20WW** compared to 20XX**) of variable 2005 2006 2007 2008 WEST EAST 2015 2016 2017 2018 2015 2016 2017 2018 Mame Label d_invcon_dj investment in construction of question	+ [1] = [2] - [3] 2009 2010 2019 2020	2021 Survey perio	2022 od	2023	Label in data set: + = increased [1] = = not changed [2] - = decreased [3] Survey frequency inquired in May/Novembe
2004 2014 WEST EAST No. 3.25) Wording c	In the current year our investments (20WW** compared to 20XX**)  Of variable  2005 2006 2007 2008 WEST EAST 2015 2016 2017 2018 Amme Label Investment in construction of question Investment in construction Investment Investments Investment Inves	+ [1] = [2] - [3] 2009 2010 2019 2020 2019 2020 100 2019 2020 2019 2020 2019 2020 2019 2020 2019 2020 2010 2010 2019 2020 2010 2010 2019 2010 2010 2019 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 2010 201	2021 Survey perio	2022 od	2023	Label in data set: + = increased [1] = = not changed [2] - = decreased [3] Survey frequency inquired in May/Novembe
2004 2014 WEST EAST No. 3.25) Wording c	In the current year our investments (20WW** compared to 20XX**)  Of variable  2005 2006 2007 2008 WEST EAST 2015 2016 2017 2018 Amme Label Investment in construction of question Investment in construction Investment Investments Investment Inves	+ [1]       = [2]       - [3]       2009     2010       2019     2020       2019     2020       1his year	2021 Survey perio	2022 od	2023	Label in data set: + = increased [1] = = not changed [2] - = decreased [3] Survey frequency inquired in May/November inquired in May/November Accruals to assets accounts incl. business buildings, second-hand or rented ec and without acquisitions of participating interests
2004 2014 WEST EAST No. 3.25) Wording c	In the current year our investments (20WW** compared to 20XX**)  Of variable  2005 2006 2007 2008 WEST EAST 2015 2016 2017 2018 Amme Label Investment in construction of question Investment in construction Investment Investments Investment Inves	+  1]         =  2]         -  3]         2009       2010         2019       2020         2019       2020         1 this year       2020         Total investments, thereof in: construction increased [1]       1	2021 Survey perio	2022 od	2023	Label in data set: + = increased [1] = = not changed [2] - = decreased [3] Survey frequency Survey frequency inquired in May/November inquired in May/November

		decreased [5]		e.g.: If the question was posed in 2015: 20YY=2014
e 11/201	В			
	Special question investments			20XX = last year
	(only in May and November)			20WW = this year
		Total investments		
		- Construction		Label in data set:
				+ = increased [1]
		+ [1]		= = not changed [2]
				- = decreased [3]
	In the current year our investments (20WW** compared to 20XX**)	= [2]		
		- [3]		

sir

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

No. Name

Survey period

3.26) dl\_inveq\_dj investment in equipment this year

Label

East and West since 05/2015

inquired in May/November

Survey frequency

Nov	vember	+	May							Further information
-		+	since 2015							
	Special quest		nts							
	(only in May and I	November)								
					Total investr	monto				*Accruals to assets accounts incl. business buildings and accounted but without vacant land, residential buildings, second-hand or rented
					thereof in: e					and without acquisitions of participating interests
							1	]		
					increased [1]					*20XX means current year
	S1. <u>In the cur</u> (2	r <u>ent year</u> ou 0WW** com	r investments* pared to 20XX*	will likely be *)	not cha	anged [2]				e.g.: If the question was posed in 2015: 20XX=2015
					decre	ased [3]				**20YY means last year e.g.: If the question was posed in 2015: 20YY=2014
	L				1		1	1		e.g. if the question was posed in 2013. 2011-2014
since 11/20	18									
	Special quest		nts							20XX = last year
	(only in May and I		Total in	vestments	1			20WW = this year		
					Total III	vestments	-			Label in data set:
					- Equi	ipment				+ = increased [1]
						(4)				= = not changed [2]
					+	[1]				- = decreased [3]
	In the cu	rrent year ou	r investments (2	20WW**	=	[2]				
		compared	i to 20XX**)		- [2]					
					- [3]					
			_							
Time spar	n of variable									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	-
2000	2001	2002	2003	2004	2003	2000	2007	2008	2005	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST EAST					
					EAST					
				Label			_	Survey per	iod	Survey frequency
No	Name							Sarvey per		Survey nequency
No.	Name									
			-				East and M	last since 1	1/2006	inquired in Nationalise
No. 3.27)	Name dl_invest_r	ŋ	total investme				East and W	/est since 1	1/2006	inquired in November
3.27)		ŋ	-				East and W	/est since 1	1/2006	inquired in November
3.27) Wording c	dl_invest_r	ŋ	-				East and W	/est since 1	1/2006	inquired in November Further information
3.27) Wording c Nov	dl_invest_r	nj	-				East and W	/est since 1	1/2006	

				Development of Investments in the current year compared to the previous	
	Special question investments				
	(only in May and November)	Total investments		*Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipme	
		increase [1]		and without acquisitions of participating interests	
	S2. Next year our investments* will likely (20NN**	not change [2]		**	
	compared to 20WW**)	not change [2]		"20NN" means next year	
		decrease [3]		Example: if the question was posed in November 2009, "20NN"="2010".	
Nove	mber			"20WW" means current year	
from 2015	to 5/2018			Example: If the question was posed in November 2009, "20WW"="2009".	
	Special question investments				
	(only in May and November)	Total investments			
			_	Until 2015 the special questions 3.20) invest_lj, 3.23) invest_dj	
		increased [1]		and 3.26) invest_nj were expressed by 2 variables with different	

Since 11/20 Time spar 2000 2010 No.	Special quest	ion investmer November) Our i nvestmer	to 20WW**)		Total in -Cons +	anged [2] sassed [3] vestments truction [1] [2] [3] 2006 2016	2007 2017 Survey peri	2008	2009	** ** ** ** ** ** ** ** ** ** ** ** **
Time spar	Special quest (only in May and 1 Next year of variable 2001	ion investmen November) our investmen compared I	nts ents will likely l to 200WW**) 2003	be (20NN** 2004	decre           Total in           -cons           +           -           2005           2005           2015           WEST	vestments truction [1] [2] [3] 2006				"20NN" means next year <b>Example:</b> if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2] - = decreased [3] "20WW" means current year
Time spar	Special quest (only in May and 1 Next year of variable 2001	ion investmen November) our investmen compared I	nts ents will likely l to 200WW**) 2003	be (20NN** 2004	decre           Total in           -Cons           +           =           2005	vestments truction [1] [2] [3] 2006				"20NN" means next year <b>Example:</b> if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2] - = decreased [3] "20WW" means current year
Time spar	Special quest (only in May and I Next year	ion investmen November) our investmen compared t	nts ents will likely l to 20WW**)	be (20NN**	Total in -Cons + -	vestments truction [1] [3] [3]	2007	2008	2009	"20NN" means next year <b>Example:</b> if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2] - = decreased [3] "20WW" means current year
Time spar	Special quest (only in May and I Next year	ion investmen November) our investmen compared t	nts ents will likely l to 20WW**)	be (20NN**	Total in -Cons + -	vestments truction [1] [3] [3]	2007	2008	2009	"20NN" means next year <b>Example:</b> if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2] - = decreased [3] "20WW" means current year
Time spar	Special quest (only in May and I Next year	ion investmen November) our investmen compared t	nts ents will likely l to 20WW**)	be (20NN**	Total in -Cons + -	vestments truction [1] [3] [3]				"20NN" means next year <b>Example:</b> if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2] - = decreased [3] "20WW" means current year
	Special quest (only in May and 1 Next year	ion investmer November) Our i nvestmer	nts will likely l		Total in -Cons +	vestments truction [1] :[2]				"20NN" means next year <b>Example:</b> if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2] - = decreased [3]
since 11/20	Special quest	ion investmer November) Our i nvestmer	nts will likely l		Total in -Cons +	vestments truction [1] :[2]				"20NN" means next year Example: if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2]
since 11/20	Special quest	ion investmer November) Our i nvestmer	nts will likely l		Total in -Cons +	vestments truction [1] :[2]				"20NN" means next year Example: if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2]
since 11/20	Special quest	ion investmen	nts		Total in -Cons	vestments truction [1]		-		"20NN" means next year Example: if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1] = = not changed [2]
since 11/20	Special quest	ion investme	to 20WW**)	y be (20NN**	decre Total in -Cons	vestments				"20NN" means next year <b>Example:</b> if the question was posed in November 2009, "20NN"="2010 Label in data set: + = increased [1]
since 11/20	Special quest	ion investme	to 20WW**)	y be (20NN**	decre	vased [3]		-		"20NN" means next year <b>Example</b> : if the question was posed in November 2009, "20NN"="2010
since 11/20	Special quest	ion investme	to 20WW**)	y be (20NN**				-		"20NN" means next year
		compared	to 20WW**)	y be (20NN**				-		"20NN" means next year
		compared	to 20WW**)	y be (20NN**				-		
		compared .	ents* will likely	y be (20NN**		anged [2]				
	S2. <u>Next year</u>	our investme			incre	aseu [1]				and without acquisitions of participating interests
					thereof in: o	ased [1]		]		*Accruals to assets accounts incl. business buildings and accounted but without vacant land, residential buildings, second-hand or rented
	Special quest (only in May and f		nts		Total invest					
	.5 to 5/2018									
	rember									Further information
3.28)	dl_invcon_i	ng	es amene li				cast and W	Vest SINCE	11/2015	inquirea in November
2.28)	dl_invcon_	ni	investmentin	construction	n next year		East and W	lest since	11/2015	inquired in November
No.	Name		Label				Survey peri	od		Survey frequency
										1
EAST										
WEST	2015	2010	2017	2018	2019	2020	2021	2022	2023	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
	WEST EAST									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Time spar	of variable									
					-	[3]				- = decreased [3]
	Next year	our investme compared f	ents will likely to 20WW**)	be (20NN**	=	[2]	_			+ = increased [1] = = not changed [2]
					+	[1]	_			Label in data set:
	(only in May and f	vovember)			Total in	vestments	]			For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 or
since 11/20	18 Special quest	ion investme	nts							Since 2015 these 2 variables are replaced by 3, referring to the past, the current and the upcoming year respectively.
										A variable about expected investments that referred to the current year in May and to the upcoming year in November.
		compared	to 20WW**)		decre	ased [3]		-		A variable about (past) investments referred to the previous year if asked in May, and it referred to the current year in November.
	S2. Next year		ents* will likel	y be (20NN**		anged [2]		-		wording and meaning of the question depending on whether it was po in May or November:
					mere					

Wording of question		
November		Further information
since 2015		
Special question investments		
(only in May and November)	Total investments,	
	thereof in: equipment	*Accruals to assets accounts incl. business buildings and accounted software,
	increased [1]	but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests

	JZ. IVEXL YEAR									
		compared	to 20WW**)	y be (20NN*'	not cha	inged [2]		_		**
					decrea	ased [3]				"20NN" means next year Example: if the question was posed in November 2009, "20NN"="201
since 11/201	18									
	Special quest		nts							Label in data set:
	(only in May and f	vovember)			Total inv	vestments	1			+ = increased [1] = = not changed [2]
						pment	1			- = decreased [3]
							-			
					+	[1]	_			
	Next year	our investme compared	ents will likely to 20WW**)	be (20NN**	=	[2]				
					-	[3]				
Time span	of variable									"20WW" means current year
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Example: If the question was posed in November 2009, "20WW"="20
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST EAST					
					EAST					
No.	Name		Label				Survey peri	iod		Survey frequency
3.30)	3.30) dl_ref1 refugees question 1									
	ul_iei1		refugees que	stion 1			East and W	Vest 12/202	15	once
Wording of			refugees que	stion 1			East and W	Vest 12/203	15	once
Wording of			refugees que	stion 1			East and W	Vest 12/20:	15	once Further Information
Wording of 12/2015			refugees que:	stion 1			East and W	Vest 12/20:	15	
12/2015	f question	the potentia			mployed in the	following po:		Vest 12/20:	15	
12/2015	f question	the potentia	l of asylum see			following pos		Vest 12/20:	15	
12/2015	f question	the potentia			mployed in the [2] large	following pos		Vest 12/20:	15	
12/2015	f question	the potentia	l of asylum see			following pos		Vest 12/20:	15	
12/2015	f question	the potentia	l of asylum see			following pos		Vest 12/20:		
12/2015 1. How large	f question	the potentia	l of asylum see			following pos		Vest 12/20:	15	
12/2015 1. How large Time span	f question do you assess trainees of variable		l of asylum see [1] small	ekers to be er	[2] large	]	sitions?			
12/2015 1. How large	f question do you assess trainees	the potentia	l of asylum see			following pos		2008	2009	
12/2015 1. How large Time span	f question do you assess trainees of variable		l of asylum see [1] small	ekers to be er	[2] large	]	sitions?			
12/2015 1. How large Time span 2000	f question do you assess trainees of variable 2001	2002	I of asylum see [1] small	ekers to be er	[2] large	2006	sitions? 2007	2008	2009	
12/2015 1. How large Time span	f question do you assess trainees of variable		l of asylum see	ekers to be er	[2] large	]	sitions?			
12/2015 1. How large Time span 2000	f question do you assess trainees of variable 2001	2002	I of asylum see [1] small	ekers to be er	[2] large	2006	sitions? 2007	2008	2009	
12/2015 1. How large Time span 2000	f question do you assess trainees of variable 2001	2002	I of asylum see [1] small	ekers to be er	[2] large	2006	sitions? 2007	2008	2009	
12/2015 1. How large Time span 2000	f question do you assess trainees of variable 2001	2002	I of asylum see [1] small	ekers to be er	[2] large	2006	sitions? 2007	2008	2009	
12/2015 1. How large Time span 2000	f question do you assess trainees of variable 2001	2002	I of asylum see [1] small	ekers to be er	[2] large	2006	sitions? 2007	2008	2009	
12/2015 1. How large Time span 2000 2010	f question do you assess trainees of variable 2001 2011	2002	I of asylum see [1] small 2003 2013 Label	2004 2014	[2] large	2006	2007 2017	2008	2009	Further Information
12/2015 1. How large Time span 2000 2010 No.	f question do you assess trainees of variable 2001 2011	2002	l of asylum see [1] small 2003 2013	2004 2014	[2] large	2006	2007 2017 Survey peri	2008	2009	Further Information
12/2015 1. How large Time span 2000 2010 No.	f question do you assess trainees 2001 2011 2011 Name dl_ref2	2002	I of asylum see [1] small 2003 2013 Label	2004 2014	[2] large	2006	2007 2017 Survey peri	2008 2018	2009	Further Information
12/2015 1. How large Time span 2000 2010 No. 3.31)	f question do you assess trainees 2001 2011 2011 Name dl_ref2	2002	I of asylum see [1] small 2003 2013 Label	2004 2014	[2] large	2006	2007 2017 Survey peri	2008 2018	2009	Further Information

	12/2015	!/2015										
-	. How large do you assess the potential of asylum seekers to be employed in the following positions?											
				[1] small		[2] large						
		unskilled aid	workers		]		]					
•	Time span	of variable										
Γ	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
	2010	2011	2012	2012	2014	2015	2016	2017	2018	2010		
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
						WEST						
						EAST						

No.	Name		Label				Survey peri	od			Survey frequency	
2.22)	dl_ref3		refugees ques	tion 3				last 12/201	r			
3.32)	_		relugees que.	10115			East and w	/est 12/201	5		once	
Wording o	f question											
12/2015										Further Information		
1. How large	e do you assess	the potentia	I of asylum see	kers to be e	mployed in the	following pos	sitions?					
			[1] small		[2] large							
	skilled worke	ers		1		1						
				1		1				-		
Time coop	of variable											
										-		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
					WEST							
					EAST							
No.	Name		Label				Survey peri	od			Survey frequency	
2.22)	dl_ref4		refugees ques	stion 4			East and M	/est 12/201	c		0000	
3.33)								est 12/201	5		once	
Wording o	r question											
12/2015										Further Information		
1. How large	do you assess	the potentia	I of asylum see	kers to be e	mployed in the	following pos	sitions?					
			[1] small		[2] large							
	leading posit	ions		1		1						
				•		•						
Time span	of variable											
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2000	2001	2002	2005	2004	2005	2000	2007	2000	2005			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
					WEST							
					EAST							
No.	Name		Label				Survey peri	od			Survey frequency	
3.34)	dl_ref5		refugees ques	tion 5			East and W	/est 12/201	5		once	
Wording o												
	4-35001									Further Information		
12/2015												
1. How large	do you assess	the potentia	I of asylum see	kers to be e	mployed in the	following pos	sitions?					
			[1] small		[2] large							
	other positio	ns		]		]						
										-		
Time span	of variable											
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	-		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
					WEST							
					EAST							

No.	Name		Label				Survey peri	od			Survey frequency	
3.35)	dl_ref6		refugees ques	ition 6			East and W	'est 12/201	5		once	
Wording o	f question											
										Further Information		
12/2015												
2. how much	of an obstacle	to employin	g asylum seeke	ers do you co	onsider the foll	owing factors	to be in your b	ranch:				
			[1] little		[2] much	-						
	labor law-rela	ated provisio	ins							_		
	of variable											
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
					WEST							
					EAST							
No.	Name		Label				Survey peri	ho			Survey frequency	
140.	Nume		Luber				Survey peri	54			Survey nequency	1
3.36)	dl_ref7		refugees ques	ition 7			East and W	'est 12/201	5		once	
Wording o	f question											
12/2015										Further Information		
	ı of an obstacle	to employin	g asylum seeke	ers do you co	onsider the foll	owing factors	to be in your b	ranch:				
				[1] little		[2] much						
	unfit level of	qualification					]					
						·						
Time span	of variable											
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
					WEST EAST							
												]
No.	Name		Label				Survey peri	od			Survey frequency	
2.27	dl raf0		refugees ques	tion 8			East and W	lact 13/30-	c		0000	
3.37) Wording o	dl_ref8		. cropces que:				east and W	est 12/201	5		once	1
wording o	question									Further Information		٦
12/2015										Further Information		1
2. how much	ı of an obstacle	to employing	g asylum seeke	ers do you co	onsider the foll	owing factors	to be in your b	ranch:				
			[1] little		[2] much							
	minimum wag	ge		]		]						
										4		
Time span	of variable											
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

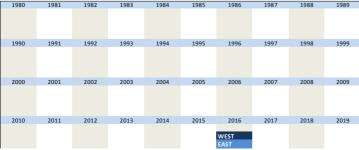
Survey frequency

3.38)	dl_ref9		refugees ques	tion 9			East and W	/est 12/201	5	once
Wording	of question									
										Further Information
12/2015										
2. how muc	h of an obstacl	e to employi	ng asylum seeke	rs do you co	nsider the foll	owing factors	to be in your l	oranch:		
			[1] little		[2] much					
						1				
	lack of langu	lage skills				1				
Time span	n of variable									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2005	2000	2007	2000	2005	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST					
					EAST					
No.	Name		Label				Survey peri	od		Survey frequency
3.39)	dl_minim_	post1	affected by m	inimum wag	e		East and W	/est 03/201	.6	once
Wording	of question									
										Further Information
03/2016										
01.01.2015	the universal r	minimum wa	ge was impleme	nted. Is your	company affe	ted by this re	gulation?			
			[1] yes		[2] no					

			[1] yes		[2] no				
				1		1			
				1		-			
Time span	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	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						WEST			
						EAST			
						EAST.			

No.	Name		Label				Survey peri	od			Survey frequency
3.40)	dl_minim_	post2	no minimum	wage measur	es		East and W	/est 03/201	.6		once
Wordin	g of question										
										Further Information	
03/2016										rutuer mormation	
01.01.20	15 the universal r	ninimum wag	e was impleme	ented. Is your	company affe	cted by this re	gulation?				
If yes,	asures did you ut	ilizo2									
winacing	asures ara you ar				7						
			none	<u> </u>	[1]						
Time s	an of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
						WEST					
						EAST					

No.	Name		Label					od		
3.41)	dl_minim_	post3	measures: en	nployee reduc	tion		East and W	'est 03/201	16	once
Wording of	of question									
03/2016										Further Information
	the universal n	ninimum wag	e was impleme	ented. Is your	company affe	ected by this re	gulation?			
<b>If yes,</b> What meas	ures did you ut	ilize?								
		employee re	duction		[1]					
			_							
	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				
						LAST				
No.	Name		Label				Survey peri	od		Survey frequency
3.42)	dl_minim_	post4	measures: w	orking hour re	duction		East and W	est 03/201	16	once
	u									
Wording	of question									
Wording 0										Further Information
03/2016 01.01.2015			e was impleme	ented. Is your	company affe	ected by this re	gulation?			Further Information
03/2016 01.01.2015 If yes,	of question	ninimum wag ilize?			_	ected by this re	gulation?			Further Information
03/2016 01.01.2015 If yes,	of question	ninimum wag ilize?	e was impleme		company affi	ected by this re	gulation?			Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas	of question the universal n ures did you ut	ninimum wag ilize?			_	ected by this re	gulation?			Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas	of question the universal n ures did you ut n of variable	ninimum wag ilize? working hou	r reduction		][1]			1988	1989	Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas	of question the universal n ures did you ut	ninimum wag ilize?			_	ected by this re	gulation? 1987	1988	1989	Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas Time spar 1980	of question the universal n ures did you ut n of variable 1981	ninimum wag ilize? working hou 1982	r reduction	1984	][1] 1985	1986	1987			Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas	of question the universal n ures did you ut n of variable	ninimum wag ilize? working hou	r reduction		][1]			1988	1989	Further Information
03/2016 01.01.2015 <b>if yes,</b> What meas Time spar 1980	of question the universal n ures did you ut n of variable 1981 1991	ninimum wag ilize? working hou 1982 1992	1983 1993	1984	][1] 1985 1995	1986 1996	1987 1997	1998	1999	Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas Time spar 1980	of question the universal n ures did you ut n of variable 1981	ninimum wag ilize? working hou 1982	r reduction	1984	][1] 1985	1986	1987			Further Information
03/2016 01.01.2015 <b>if yes,</b> What meas Time spar 1980	of question the universal n ures did you ut n of variable 1981 1991	ninimum wag ilize? working hou 1982 1992	1983 1993	1984	][1] 1985 1995	1986 1996	1987 1997	1998	1999	Further Information
03/2016 01.01.2015 <b>if yes,</b> What meas Time spar 1980	of question the universal n ures did you ut n of variable 1981 1991	ninimum wag ilize? working hou 1982 1992	1983 1993	1984	][1] 1985 1995	1986 1996 2006 2016	1987 1997	1998	1999	Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas 1980 1990 2000	of question the universal n ures did you ut n of variable 1981 1991 2001	ninimum wag ilize? working hou 1982 1992 2002	r reduction 1983 1993 2003	1984 1994 2004	][1] 1985 1995 2005	1986 1996 2006	1987 1997 2007	1998 2008	1999 2009	Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas 1980 1990 2000	of question the universal n ures did you ut n of variable 1981 1991 2001	ninimum wag ilize? working hou 1982 1992 2002	r reduction 1983 1993 2003	1984 1994 2004	][1] 1985 1995 2005	1986 1996 2006 2016	1987 1997 2007	1998 2008	1999 2009	Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas 1980 1990 2000	of question the universal n ures did you ut n of variable 1981 1991 2001	ninimum wag ilize? working hou 1982 1992 2002	r reduction 1983 1993 2003	1984 1994 2004	][1] 1985 1995 2005	1986 1996 2006 2016	1987 1997 2007	1998 2008 2018	1999 2009	Further Information
03/2016 01.01.2015 <b>If yes,</b> What meas 1980 2000 2010 No.	of question the universal n ures did you ut of variable 1981 2001 2011 Name	ninimum wag ilize? working hou 1982 1992 2002 2012	r reduction 1983 1993 2003 2013 Label	1984 1994 2004 2014	[1] 1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017 Survey peri	1998 2008 2018 od	1999 2009 2019	Survey frequency
03/2016 01.01.2015 <b>If yes,</b> What meas 1980 2000 2010 No. 3.43)	of question the universal n ures did you ut n of variable 1981 1991 2001 2011 Name dl_minim_	ninimum wag ilize? working hou 1982 1992 2002 2012	r reduction 1983 1993 2003 2013 Label	1984 1994 2004	[1] 1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017	1998 2008 2018 od	1999 2009 2019	
03/2016 01.01.2015 <b>If yes,</b> What meas 1980 2000 2010 No. 3.43)	of question the universal n ures did you ut of variable 1981 2001 2011 Name	ninimum wag ilize? working hou 1982 1992 2002 2012	r reduction 1983 1993 2003 2013 Label	1984 1994 2004 2014	[1] 1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017 Survey peri	1998 2008 2018 od	1999 2009 2019	Survey frequency
03/2016 01.01.2015 <b>If yes,</b> What meas 1980 2000 2010 No. 3.43)	of question the universal n ures did you ut n of variable 1981 1991 2001 2011 Name dl_minim_	ninimum wag ilize? working hou 1982 1992 2002 2012	r reduction 1983 1993 2003 2013 Label	1984 1994 2004 2014	[1] 1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017 Survey peri	1998 2008 2018 od	1999 2009 2019	Survey frequency
03/2016 01.01.2015 If yes, What meas 1980 1990 2000 2010 2010 0.01.010 03/2016 0.01.01.2016	of question the universal n ures did you ut n of variable 1981 2001 2001 2011 0 Name dl_minim_ of question the universal n	ninimum wag ilize? working hou 1982 1992 2002 2012 2012 2012 2012 2012	r reduction 1983 1993 2003 2013 2013 Cabel measures: in	1984 1994 2004 2014	[1] 1985 1995 2005 2015 s	1986 1996 2006 2016 WEST EAST	1987 1997 2007 2017 Survey peri East and W	1998 2008 2018 od	1999 2009 2019	Survey frequency
03/2016 01.01.2015 If yes, What meas 1980 1990 2000 2010 2010 0.01.010 03/2016 0.01.01.2016	of question the universal n ures did you ut n of variable 1981 1991 2001 2011 01 Name dl_minim_ of question	ninimum wag ilize? working hou 1982 1992 2002 2012 2012 2012 2012 2012 201	r reduction 1983 1993 2003 2013 2013 Label measures: in e was implement	1984 1994 2004 2014 creased price	][1] 1985 1995 2005 2015 s company affe	1986 1996 2006 2016 WEST EAST	1987 1997 2007 2017 Survey peri East and W	1998 2008 2018 00d	1999 2009 2019	Survey frequency
03/2016 01.01.2015 If yes, What meas 1980 1990 2000 2010 2010 0.01.010 03/2016 0.01.01.2016	of question the universal n ures did you ut n of variable 1981 2001 2001 2011 0 Name dl_minim_ of question the universal n	ninimum wag ilize? working hou 1982 1992 2002 2012 2012 2012 2012 2012	r reduction 1983 1993 2003 2013 2013 Label measures: in e was implement	1984 1994 2004 2014 creased price	[1] 1985 1995 2005 2015 s	1986 1996 2006 2016 WEST EAST	1987 1997 2007 2017 Survey peri East and W	1998 2008 2018 00d	1999 2009 2019	Survey frequency



No.	Name		Label				Survey peri	od		Survey frequency
3.44)	dl_minim_	nost6	measures: di	ecreased inves	stment		East and W	lest 02/201	6	once
Wording o		posto					Last and w	1231 05/201	.0	Unce
	,									Further Information
03/2016										
If yes,	the universal r ures did you ut		e was impiem	ented. Is your	company atte	ected by this re	gulation?			
	ares and you at	decreased in	ivestment		[1]					
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST EAST				
No.	Name		Label				Survey peri	od		Survey frequency
3.45)	dl minim	post7	measures: de	ecreased spec	ial payments		East and W	/est 03/201	.6	once
	of question									
03/2016			-							Further Information
	decresed spe	ecial payment	s		[1]					
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST EAST				
No.	Name		Label				Survey peri	od		Survey frequency
3.46)	dl_minim_	post8	less minijob	s			East and W	/est 03/201	.6	once
Wording o	of question									
03/2016										Further Information
	the universal r	ninimum wag	e was implem	ented. Is your	company affe	ected by this re	gulation?			
	een a change ir									
	less minijob	s			[1]					
-										
Time span 1980	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1991	1982	1983	1384	1982	1980	1961	1988	1999	
4005	105	105-	1007	100	105-	105-	1007	4007	1005	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

						WEST EAST					
	_										
No.	Name		Label				Survey peri	iod		Survey frequency	
3.47)	dl_minim_p	oost9	minijobs tran	isformed into	insurable er	nployment	East and W	Vest 03/202	16	once	
Wording	of question									Further Information	
03/2016	5 the universal m	ninimum wag	e was impleme	nted is your (	company affe	acted by this re	egulation?				
	peen a change in				company and		cguruuon.				
	minijobs wer insurable em		d into	[1]	]						
					1					-	
Time spa	n of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1000	1001	1000	1000	1024	1005	1005	1007	1000	1000		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
						2016	2017	2018	2019		
2010	2011	2012	2013	2014	2015	2010					
2010	2011	2012	2013	2014	2015	WEST					
2010	2011	2012	2013	2014	2015	WEST					
2010 No.	2011 Name	2012	2013 Label	2014	2015	WEST	Survey peri			Survey frequency	
No. 3.48)	Name dl_minim_p					WEST		iod	16	Survey frequency once	_
No. 3.48)	Name		Label			WEST	Survey peri	iod	16	once	_
No. 3.48) Wording 03/2016	Name dl_minim_f of question	post10	Label new insurable	e employment	t	WEST EAST	Survey peri	iod	16		
No. 3.48) Wording 03/2016 01.01.2015	Name dl_minim_p	post10	Label new insurable	e employment	t	WEST EAST	Survey peri	iod	16	once	
No. 3.48) Wording 03/2016 01.01.2015	Name dl_minim_f of question 5 the universal m been a change in new insurabl	post10 ninimum wag employment	Label new insurable e was impleme in your compa	e employment	t	WEST EAST	Survey peri	iod	16	once	
No. 3.48) Wording 03/2016 01.01.2015	Name dl_minim_r of question 5 the universal m seen a change in	post10 ninimum wag employment	Label new insurable e was impleme in your compa	e employment nted. Is your e ny?	t	WEST EAST	Survey peri	iod	16	once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b	Name dl_minim_f of question 5 the universal m been a change in new insurabl	post10 ninimum wag employment	Label new insurable e was impleme in your compa	e employment nted. Is your e ny?	t	WEST EAST	Survey peri	iod	.6	once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b	Name dl_minim_p of question 5 the universal m peen a change in new insurabl generated	post10 ninimum wag employment	Label new insurable e was impleme in your compa	e employment nted. Is your e ny?	t	WEST EAST	Survey peri	iod	16	once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b Time spa 1980	Name dl_minim_f of question 5 the universal m peen a change in new insurabl generated n of variable	ainimum wag employment e employment 1982	Label new insurable e was impleme in your compa at was 1983	e employment nted. Is your e ny? [1] 1984	t company affe	EAST Eacted by this re 1986	Survey peri East and W egulation? 1987	iod Vest 03/20:	1989	once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b	Name dl_minim_s of question 5 the universal m been a change in new insurabl generated	bost10 hinimum wag employment e employment	Label new insurable e was impleme in your compa nt was	e employment nted. Is your o ny? [1]	t company affe	EAST EAST	Survey peri	iod Vest 03/20:		once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b Time spa 1980	Name dl_minim_f of question 5 the universal m peen a change in new insurabl generated n of variable	ainimum wag employment e employment 1982	Label new insurable e was impleme in your compa at was 1983	e employment nted. Is your e ny? [1] 1984	t company affe	EAST Eacted by this re 1986	Survey peri East and W egulation? 1987	iod Vest 03/20:	1989	once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b 1980 1990	Name dl_minim_r of question 5 the universal m been a change in new insurabl generated 1981 1991	oost10 ainimum wag employment e employmen 1982 1982	Label new insurable e was impleme in your compa ti was 1983 1993	e employment nted. Is your o ny? [1] 1984 1994	t company affe 1985 1995	exted by this re	Survey peri East and W egulation?	iod Vest 03/20: 1988 1998	1989	once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b 1980 1990	Name dl_minim_r of question 5 the universal m been a change in new insurabl generated 1981 1991	oost10 ainimum wag employment e employmen 1982 1982	Label new insurable e was impleme in your compa ti was 1983 1993	e employment nted. Is your o ny? [1] 1984 1994	t company affe 1985 1995	exted by this re	Survey peri East and W egulation?	iod Vest 03/20: 1988 1998	1989	once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b 1980 1990 2000	Name dl_minim_p of question the universal m oeen a change in new insurabl generated 1981 1991 2001	oost10 ninimum wag employment e employment 1982 1992 2002	Label new insurable e was impleme in your compa it was 1983 1993 2003	e employment nted. Is your o ny? [1] 1984 1994 2004	t company affe 1985 1995 2005	ected by this re 1986 1996 2006	Survey peri East and W egulation?	iod Vest 03/20: 1988 1998 2008	1989 1999 2009	once	
No. 3.48) Wording 03/2016 01.01.2015 Has there b 1980 1990 2000 2010	Name dl_minim_p of question the universal m oeen a change in n of variable 1981 1991 2001 2011	oost10 ninimum wag employment e employment 1982 1992 2002	Label new insurable e was impleme in your compa it was 1983 2003 2013	e employment nted. Is your o ny? [1] 1984 1994 2004	t company affe 1985 1995 2005	ected by this ro 1986 1996 2006 2016	Survey peri East and W egulation?	iod Vest 03/20: 1988 1998 2008 2018	1989 1999 2009	Further Information	
No. 3.48) Wording 03/2016 01.01.2015 Has there b 1980 1990 2000	Name dl_minim_p of question the universal m oeen a change in new insurabl generated 1981 1991 2001	oost10 inimum wag employment e employment 1982 1982 2002 2012	Label new insurable e was impleme in your compa it was 1983 1993 2003	e employment nted. Is your o ny? [1] 1984 1994 2004 2014	t company affe 1985 1995 2005 2015	ected by this ro 1986 1996 2006 2016 WEST EAST	Survey peri East and W egulation?	iod Vest 03/20: 1988 1998 2008 2018	1989 1999 2009 2019	once	

Has there been a change in employment in your company?

# employment relationships did not change [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 WEST EAST	2017	2018	2019

Survey frequency

once

Survey frequency

once

No.	Name	Label	Survey period
3.50)	dl_credityes	credit agreement signed	East and West 06/2016
Wording of	question		

										Further Information
06/2016										
	igned one or m					nths?				
(e.g. new c	redits, debt rest	ructuring or p	rolungation of	a credit/ line	of credit)					
Yes:										
res:										
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			s expected, we		s					
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Time spa	n of variable									
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2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
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No. Name Label

Survey period



East and West 06/2016

Wording of question

										Further Information
06/2016										
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le g new cre	dits, debt restri	ucturing or p	colungation of	a credit/ line	of credit)	iiuis :				
(e.g. new cre	and, debtres a	acturning of pr	orungation or	a creary me	orcreaty					
no, because:										
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2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
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3.52)	dl_credituse1	financing of ongoing operating resources	East and West 06/2016	once
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No.       Name       Label       Survey period       Survey frequency         3.57)       dl_midyes       mid tier: company rated as mid tier       East and West 08/2016       once         Once <td>2000</td> <td>2001</td> <td>2002</td> <td>2003</td> <td>2004</td> <td>2005</td> <td>2006</td> <td>2007</td> <td>2008</td> <td>2009</td> <td></td>	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
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No.       Name       Label       Survey period       Survey frequency         3.57)       dl_midyes       mid tier: company rated as mid tier       East and West_08/2016       once         Wording of uestion        no (2)         further information         08/2016        no (2)          further information         1980       1981       1982       1984       1985       1986       1987       1988       1989         1990       1991       1992       1993       1995       1996       1997       1998       1999         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019	2010	2011	2012	2013	2014	2015	2016	2017	2018		
East and West 08/2016       once         Conce	l						WEST			2015	
East and West 08/2016       once         Conce							WEST EAST			2019	
Working of question         Burken in the second secon					_		EAST			2019	
08/2016       mid tier       Further Information         mid tier       wei [1]       no [2]		Name	_	Label			EAST	Survey peri		2019	Survey frequency
08/2016 mid tier Would you rate your company as a "mid tier" company? yes [1] no [2] Time span of variable 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 VEST	No.				any rated a	s mid tier	EAST		od		
Would you rate your company as a "mid tier" company?         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	No. 3.57)	dl_midyes			any rated a	s mid tier	EAST		od		once
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	No. 3.57) Wording of	dl_midyes			any rated a	s mid tier	EAST		od		once
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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. 3.57) Wording of 08/2016 mid tier	dl_midyes f question	oany as a "mi	mid tier: comp			EAST		od		once
2000         2001         2002         2003         2004         2005         2006         2007         2008         2009           2010         2011         2012         2013         2014         2015         2016         2017         2018         2019	No. 3.57) Wording ol 08/2016 mid tier Would you ra	dl_midyes	pany as a "mi yes [1]	mid tier: comp			EAST		od		once
2000         2001         2002         2003         2004         2005         2006         2007         2008         2009           2010         2011         2012         2013         2014         2015         2016         2017         2018         2019	No. 3.57) Wording of 08/2016 mid tier Would you ra Time span	dl_midyes f question rate your comp of variable	bany as a "mi γes [1]	mid tier: comp d tier" company:	?	no [2]	EAST	East and W	od 'est 08/201	.6	once
2000         2001         2002         2003         2004         2005         2006         2007         2008         2009           2010         2011         2012         2013         2014         2015         2016         2017         2018         2019	No. 3.57) Wording of 08/2016 mid tier Would you ra Time span	dl_midyes f question rate your comp of variable	bany as a "mi γes [1]	mid tier: comp d tier" company:	?	no [2]	EAST	East and W	od 'est 08/201	.6	once
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EAST	No. 3.57) Wording of 08/2016 mid tier Would you ra Time span 1980 1990	dl_midyes f question ate your comp of variable 1981 1991 2001	2002 2002	mid tier: comp d tier" companyi 	? 1984 1994 2004	no [2] 1985 1995 2005	EAST 1986 1996 2006	East and W	od est 08/201 1988 1998 2008	16 1989 1999 2009	once
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East and West since 03/2017

Auge       1942       1944       1942       1944
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3.3) d credit 2_2 credit allocation Eat and West since $0.3/2017$ March, Jane, Septimized on the set of th
130 d credit 2 d cred
Avide of question       Avide of question         0/2017       Avide of question         we had credit alls with banks during the last 3 months       Avide of question         1/2017       I accompage of question         1/2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2016       2017       2018       2019         2010       2011       2012       2015       2016       2017
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Banks behaved _ in these       [1] accomodeting         [2] normal       [2] normal         [2] normal       [3] reserved         1980       1981       1982       1983       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         2010       2012       2013       2014       2015       2016       2017       2018       2019         360)       d[
Banks behaved in there
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         Vording of question       Survey period         Survey frequency
1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         West         Survey period       Survey frequency
1980       1981       1982       1983       1984       1985       1986       1987       1988       1989         1990       1991       1992       1993       1994       1995       1996       1997       1998       1999         2000       2001       2002       2003       2004       2005       2006       2007       2008       2009         2010       2011       2012       2013       2014       2015       2016       2017       2018       2019         West EAST
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         Verst       East       Verst       East       Verst
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 3.60) dl_credit2_3 reasons for not credit seeking East and West since 03/2017 March, June, Septe Wording of question 103/2017 reedit allocation We had credit talks with banks during the last 3 months We had credit talks with banks during the last 3 months
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2010 2011 2012 2013 2014 2015 2016 2017 2018 2019   WEST EAST EAST EAST Survey period Survey frequency   3.60) dl_credit2_3 reasons for not credit seeking East and West since 03/2017 March, June, Septer   03/2017 reation Further Information
No.     Name     Label     Survey period     Survey frequency       3.60)     dl_credit2_3     reasons for not credit seeking     East and West since 03/2017     March, June, Septer       Wording of question
No.     Name     Label     Survey period     Survey frequency       3.60)     dl_credit2_3     reasons for not credit seeking     East and West since 03/2017     March, June, Septer       Wording of question
No.     Name     Label     Survey period       3.60)     dl_credit2_3     reasons for not credit seeking     East and West since 03/2017     March, June, Septer       3.60/     dl_credit2_3     reasons for not credit seeking     East and West since 03/2017     March, June, Septer
No.     Name     Label     Survey period       3.60)     dl_credit2_3     reasons for not credit seeking     East and West since 03/2017     March, June, Septer       Wording of question
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03/2017 credit allocation We had credit talks with banks during the last 3 months C/////////no
credit allocation We had credit talks with banks during the last 3 months
We had credit talks with banks during the last 3 months
[1] no need
[2] other reasons
Time span of variable
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989

2010											
2010											
	2011 201	2 2013	2014	2015	2016	2017	2018	2019			
						WEST EAST					
No.	Name	Label				Survey peric	d			Su	rvey frequency
3.61) Wording of	dl_exports	exportings	ervices to foreig	in companies/	persons	East and We	est since (	)4/2017		on	ce
	question	_							Further Information		
04/2017 Does your fir	rm export services to fo	oreign companies	persons?								
,											
			[1] yes [2] no								
				mary in our fie	۱d						
			[4] no statem	ent possible							
Time span											
1980	1981 198	2 1983	1984	1985	1986	1987	1988	1989			
1990	1991 199	2 1993	1994	1995	1996	1997	1998	1999			
1550	1551 155	2 1555	1554	1555	1550	1337	1550	1555			
2000	2001 200	2 2003	2004	2005	2006	2007	2008	2009			
2010	2011 201	2 2013	2014	2015	2016	2017	2018	2019			
						WEST EAST					
No.	Name	Label				Survey perio	d			Su	rvey frequency
3.62)	dl_negint		confronted w	ith negative in	iterest rates	East and We	est since (	06/2017		on	ce
Wording of	f question										
									Further Information		
Jun 17				ibution by at l	least one of v	and the sheet of the test of test			online only		
	Have you faced negat	ive interest rates o	on capital contr	1		your banks?			,		
	Have you faced negat	Yes [1]	No [2]	]		your barnes?			,		
	Have you faced negat			]		YOUT DATIKS?			,		
				]		YOUT DATIKS?					
		Yes [1]		2015	2016	2017	2018	2019			
Time span	of variable	Yes [1]	No [2]	]			2018	2019			
Time span	of variable	Yes [1]	No [2]	]		2017	2018	2019			
Time span	of variable	Yes [1]	No [2]	]		2017	2018	2019			
Time span ( 2010	of variable	Yes [1]	No [2]	]		2017		2019		Su	rvey frequency
Time span of 2010 No.	of variable 2011 201 Name	Yes [1]	2014	]	2016	2017 WEST EAST Survey perio	d				
Time span of 2010	of variable 2011 201 Name dl_negint_noact	Yes [1]	2014	2015	2016	2017 WEST EAST	d				rvey frequency ce

301117										
	Have you faced neg	ative interest	rates on ca	pital contribu	ition by at lea	ast one of you	r banks?			online only
	If Yes									
	Which arrangemen	ts did you cho	oose, to avo	id payments o	of negative in	terest rates?				
	na arrangements - negative interest ra accepted	te Ye	es [1]							
Time span	of variable									
2010	2011 20	)12 2	2013	2014	2015	2016	2017	2018	2019	

	WEST		
	EAST		

No.	Name	La	abel				Survey perio	d			Survey frequency
3.64)	dl_negint_ag	gree		negative inter agreements	est actions: ba	ank	East and We	est since C	6/2017		once
				-8							
Wording	of question										
Jun 1	7									Further Information	
	Have you faced	negative inter	est rates o	n capital contr	ibution by at l	east one of	your banks?			online only	
	If Yes										
	Which arrange	ments did vou	choose, to	avoid pavmen	ts of negative i	nterest rate	s?				
		,,									
			Yes [1]	]							
	Negoation with	bank	res [1]								
				J							
		_									
Time spai	n of variable										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
							WEST				
							EAST				

No.	Name	Label		Survey period	Survey frequency
3.65)	dl_negint_change		negative interest actions: change of bank	East and West since 06/2017	once

Wording	of	question

Jun 1	7									Further Information
	If Yes	ed negative in gements did y								online only
	Change to an which does r negative inte (yet)	not require	Yes [1]	]						
Time spar	of variable									
2010	2011	2012	2013	2014	2015	2016	2017 WEST EAST	2018	2019	

No.	Name	Label			Survey perio	od			Survey frequency	
3.66)	dl_negint_inc		negative interest	actions: increase of	East and W	est since ()	6/2017		once	
5.007	di_negint_ine		cash		Lastana	est since o	0,2027		once	
Wording of	of question									
Jun 1	7							Further Information		
	Have you faced r	legative interest rate	s on capital contribu	ition by at least one of	your banks?			online only		
	If Yes									
	Which arrangem	ents did you choose	, to avoid payments o	of negative interest rate	es?					
	Higher cash ratio	9 Yes [1]								
	n of variable									
2010	2011	2012 2013	2014	2015 2016	2017 WEST EAST	2018	2019			

No.	Name		Label				Survey perio	d			Survey frequency	
3.67)	dl_negint_re	das		negative inter in other finan	est actions: re cial assets an	edeployment d settlement	East and W	estsince O	6/2017		once	
Wording of	question											
Jun 17										Further Information		
	Have you faced	negative int	erest rates or	capital contr	ibution by at l	east one of y	our banks?			online only		
	If Yes											
	Which arrange	ments did yo	u choose, to a	avoid paymen	ts of negative i	interest rate	s?					
	Shift to other f assets and pre credit		Yes [1]									
Time span	of variable											
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
							WEST EAST					

No.	Name		Label			Survey peri	od		Sur	vey frequency
3.68)	dl negint r	adacint		negative intere	est actions : redeployme	It East and M	lost sinco (	16/2017	onc	<b>20</b>
5.00)	u_negint_i	cuasiii		of assets withi	in company	Lastanu v	rest since t	50/2017	UNC	le la
Wording of	of question									
Jun 1	7								Further Information	
	Have you fac	nd norativo in	torort rator o	n canital contri	bution by at least one o	f your banks?			online only	
	Have you race	eu negative in	lerest rates o	n capital contri	button by at least one o	I your barks?			online only	
	If Yes									
	Which arrang	gements did y	ou choose, to	avoid payment	s of negative interest ra	tes ?				
	Rearrangeme	nts of funds		]						
	to other segm		Yes [1]							
	company			-						
				_						
Time coar	n of variable									
Time spar										
2010	2011	2012	2013	2014	2015 2016	2017	2018	2019		
						WEST				
						EAST				

No.	Name	Label			Survey perio	d			Survey frequency
3.69)	dl_negint_inv			ctions: investing or	East and We	est since (	6/2017		once
			preponing (additio	inal) investments					
Wording	of question								
Jun	17							Further Information	
3011									
	Have you faced ne	gative interest rates	on capital contributio	on by at least one of	your banks?			online only	
	If Yes								
	Which arrangement	nts did you choose, ti	avoid payments of i	negative interest rate	is?				
	(Early) conducting	Yes [1]	7						
	(additional) invest								
			_						
Time spa	an of variable								
2010	2011 2	2012 2013	2014 2	2015 2016	2017	2018	2019		
					WEST				
					EAST				

No.	Name	Label		Survey period	Survey frequency
3.70)	dl_negint_oth	negativ	ve interest actions: other	East and West since 06/2017	once

Jun 17	7									Further Information
	Have you fac If Yes		terest rates or ou choose, to							online only
	Other: please	e specify	Yes [1]	]						
Time span	of variable									
2010	2011	2012	2013	2014	2015	2016	2017 WEST EAST	2018	2019	

No.	Name	Label				Survey period		Survey frequency
3.71)	dl_negint_burden		burden of neg profit situation	ative interest r	ates on	East and West since 06/2017		once
			prontsituatio	חו				
Wording o	f question							
Jun 17							Further Information	
	Negative interest rates hav	e a negative i	mpact on our r	evenues			online only	
		highly significant [1]	significantly [2]	negiligible or not at all [3]				

		_						
Time span of varia	ble							
2010 201	2012	2013	2014	2015	2016	2017 WEST EAST	2018	2019

No.	Name		Label				Survey perio	bd			Survey frequency
3.72)	dl_negint_b	oanks		number of re	ationship ba	nks	East and W	estsince (	06/2017		once
Wording o	of question										
Jun 17	7									Further Information	
	How many ma	ain banks do	you use?							online only	
	If No										
	How many ba	nks do you n	ame youre ma	in bank?							
		0 [0]	1 [1]	2 [2]	3 [3]	4 [4]	More than 4 [5]				
										-	
Time snan	of variable										
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	-	
2010	2011	2012	2015	2011	2015	2010	WEST	2010	2015		
							EAST				
L											
No.	Name		Label				Survey perio	bd			Survey frequency
		.1		tax reform: p	ercenta de sal	ec in LIS	Fact and M		2/2010		
3.73)	dl_ustax_sa	aies		tax reform. p	er centage san	63 111 05	East and W	est since (	372018		once
Wording o	of question										
Mrz 18	в									Further Information	
	Tax reform in	the USA									
	What percent	age of your a	innual turnov	er comes from	the USA?						
				%							
Time span	n of variable										

_										
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
-	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	1990	1991	1992	1993	1994	1995	1990	1997	1998	1999
7	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
J	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
									WEST	
									EAST	

No. Name Label

Survey period

Survey frequency

once

3.74) dl\_ustax\_competition tax reform: competition with US- companies East and West since 03/2018 once

Wording of question

Mrz 18										Further Information
	Tax reform in	the USA								
	How does yo	ur company co	ompete with co	ompanies fron	n the USA?					
	, .		1							
		strong [1]	medium [2]	weak [3]	none [4]					
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
								WEST EAST		
								LAST		

No.	Name	Label	Survey period	Survey frequency

East and West since 03/2018

3.75) dl\_ustax\_shortterm tax reform: tax burden short term

Mrz 18									l	Further Information
	Tax reform in	the USA								
	Due to the ta:	reform the t	ax burden of yo	our company	will on the					
	short	term	decrease [1]	stay the same [2]	increase [3]					
e span (	of variable									
980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
010	2011	2012	2013	2014	2015	2016	2017	2018 WEST	2019	
								EAST		

3.76)	dl_ustax_longterm	tax reform: tax burden long term	East and West since 03/2018	once

```
Wording of question
```

Mrz 18										Further Information
	Tax reform in	the USA								
	Due to the tax	reform the ta	ax burden of yo	our company	will on the					
	long	term	decrease [1]	stay the same [2]	increase [3]					
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		1.512						WEST		
								EAST.		

No.	Name	Label	Survey period	Survey frequency



East and West since 03/2018

once

Wording of question

2000

2001

2003

2004

2005

2006

Mrz 18										Further Information
	Tax reform in How will you		ny) react to the	US-tax refom	?					
	Exports to	o the USA	decrease [1]	no change [2]	increase [3]					
	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 peri	od			Survey frequency
							,,				, , ,
3.78)	dl_ustax_ir	nport		tax reform: r	eaction import		East and W	/estsince C	3/2018		once
Wording	of question										
Mrz 1	18									Further Information	
	Tax reform in	the USA									
	How will you	(as a compa	ny) react to the	US-tax refom	?						
			decrease [1]	no change	increase [3]						
	Imports fro	om the USA		[2]							
					I						
Time coo	in of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999		

2008

2009

2007

2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
								WEST		
								EAST		
No.	Name		Label				Survey per	iod		Survey frequency
3.79)	dl_ustax_i	nvus		tax reform: r	eaction invest	ment in US	East and V	Vest since 0	3/2018	once
Wording	of question									
										- · · •
Mrz 18	3 Tax reform ir	n the USA								Further Information
			ny) react to the	e US-tax refor	1?					
			decrease [1]	no change	increase [3]	1				
	Investmer	nt in the US	ucciense [1]	[2]	increase [5]					
						J				
Time span 1980	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982	1983	1984	1985	1980	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
								WEST EAST		
No.	Name		Label				Survey per	iod		Survey frequency
		nyger	Label	tax reform: r	eaction invest	ment in			3/2018	
No. 3.80)	Name dl_ustax_in	nvger	Label	tax reform: r Germany	eaction invest	ment in		iod Vestsince O	3/2018	Survey frequency once
3.80)		nvger	Label		eaction invest	ment in			3/2018	
3.80)	dl_ustax_in of question		Label		eaction invests	ment in			3/2018	
3.80) Wording o	dl_ustax_in of question 3 Tax reform in	n the USA		Germany		ment in			3/2018	once
3.80) Wording o	dl_ustax_in of question 3 Tax reform in	n the USA	Label	Germany e US-tax refon	1?	1			3/2018	once
3.80) Wording o	dl_ustax_ii of question 3 Tax reform ir How will you	n the USA		Germany		1			3/2018	once
3.80) Wording o	dl_ustax_ii of question 3 Tax reform ir How will you	n the USA J (as a compa	ny) react to the	Germany e US-tax refor	1?	1			3/2018	once
3.80) Wording o Mrz 18	dl_ustax_ii of question Tax reform in How will you Investment	n the USA ı (as a compa : in Germany	ny) react to the	Germany e US-tax refor	1?	1			3/2018	once
3.80) Wording o Mrz 18 Time span	dl_ustax_ii f question Tax reform ir How will you Investment	n the USA J (as a compa	ny) react to the	Germany	n? increase [3]	]	East and V	Vest since 0		once
3.80) Wording o Mrz 18	dl_ustax_ii of question Tax reform in How will you Investment	n the USA ı (as a compa : in Germany	ny) react to the	Germany e US-tax refor	1?	1			3/2018	once
3.80) Wording o Mrz 18 Time span	dl_ustax_ii of question Tax reform in How will you Investment of variable	n the USA i (as a compa i in Germany 1982	ny) react to the decrease [1] 1983	Germany e US-tax refon no change [2] 1984	n? increase [3]	1986	East and V	Vest since 0	1989	once
3.80) Wording o Mrz 18 Time span	dl_ustax_ii f question Tax reform ir How will you Investment	n the USA J (as a compa	ny) react to the	Germany	n? increase [3]	]	East and V	Vest since 0		once
3.80) Wording o Mrz 18 Time span	dl_ustax_ii of question Tax reform in How will you Investment of variable	n the USA i (as a compa i in Germany 1982	ny) react to the decrease [1] 1983	Germany e US-tax refon no change [2] 1984	n? increase [3]	1986	East and V	Vest since 0	1989	once
3.80) Wording o Mrz 18 Time span	dl_ustax_ii of question Tax reform in How will you Investment of variable	n the USA i (as a compa i in Germany 1982	ny) react to the decrease [1] 1983	Germany e US-tax refon no change [2] 1984	n? increase [3]	1986	East and V	Vest since 0	1989	once
3.80) Wording o Mrz 18 Time span 1980	dl_ustax_ii f question Tax reform in How will you Investment 1981 1991	n the USA i (as a compa in Germany 1982 1992	ny) react to the decrease [1] 1983 1993	Germany e US-tax reform no change [2] 1984 1994	n? increase [3] 1985 1995	1986	East and V	Vest since 0	1989	once
3.80) Wording o Mrz 18 Time span 1980	dl_ustax_ii f question Tax reform in How will you Investment 1981 1991	n the USA i (as a compa in Germany 1982 1992	ny) react to the decrease [1] 1983 1993	Germany e US-tax reform no change [2] 1984 1994	n? increase [3] 1985 1995	1986	East and V	Vest since 0	1989	once
3.80) Wording o Mrz 18 Time span 1980 1990	dl_ustax_ii f question Tax reform ir How will you Investment 1981 1991 2001	n the USA i (as a compa i in Germany 1982 1992 2002	ny) react to the decrease [1] 1983 1993 2003	Germany  E US-tax reform  no change [2]  1984  1994  2004	12 increase [3] 1985 1995 2005	1986	East and V	Vest since 0	1989 1999 2009	once
3.80) Wording o Mrz 18 Time span 1980 2000 2000	dl_ustax_ii f question Tax reform ir How will you Investment 1981 1991 2001 2001	n the USA i (as a compa i in Germany 1982 1992 2002	ny) react to the decrease [1] 1983 1993 2003 2013	Germany  E US-tax reform  no change [2]  1984  1994  2004	12 increase [3] 1985 1995 2005	1986	East and V	Vest since 0	1989 1999 2009	Further Information
3.80) Wording o Mrz 18 Time span 1980 1990	dl_ustax_ii f question Tax reform ir How will you Investment 1981 1991 2001	n the USA i (as a compa i in Germany 1982 1992 2002	ny) react to the decrease [1] 1983 1993 2003	Germany  E US-tax reform  no change [2]  1984  1994  2004	12 increase [3] 1985 1995 2005	1986	East and V	Vest since 0	1989 1999 2009	once
3.80) Wording o Mrz 18 Time span 1980 2000 2000	dl_ustax_ii f question Tax reform ir How will you Investment 1981 1991 2001 2001	n the USA (as a compa in Germany 1982 1992 2002 2012	ny) react to the decrease [1] 1983 1993 2003 2013	Germany US-tax refor  D D D D D D D D D D D D D D D D D D	12 increase [3] 1985 1995 2005	1986 1996 2006 2016	East and V	Vest since 0	1989 1999 2009 2019	Further Information
3.80) Wording o Mrz 18 Time span 1980 2000 2000 2010 No. 3.81)	d ustax ii f question Tax reform in How will you Investment 1981 2001 2001 2001 2011 Name d ustax ii	n the USA (as a compa in Germany 1982 1992 2002 2012	ny) react to the decrease [1] 1983 1993 2003 2013	Germany  E US-tax reform  no change [2]  1984  1994  2004  2014	n? increase [3] 1985 1995 2005 2015	1986 1996 2006 2016	East and V	Vest since 0	1989 1999 2009 2019	Further Information
3.80) Wording o Mrz 18 Time span 1980 2000 2010 No. 3.81) Wording o	dl_ustax_ii f question Tax reform in How will you of variable 1981 1991 2001 2001 2011 2011 Name dl_ustax_ii	n the USA (as a compa in Germany 1982 1992 2002 2012	ny) react to the decrease [1] 1983 1993 2003 2013	Germany US-tax refor  D D D D D D D D D D D D D D D D D D	n? increase [3] 1985 1995 2005 2015	1986 1996 2006 2016	East and V	Vest since 0	1989 1999 2009 2019	Further Information  Further Information  Survey frequency once
3.80) Wording o Mrz 18 Time span 1980 2000 2000 2010 No. 3.81)	dl_ustax_ii f question Tax reform ir How will you Investment 1981 1991 2001 2011 2011 Name dl_ustax_ii of question	n the USA i (as a compa in Germany 1982 1982 2002 2002 2012 2012	ny) react to the decrease [1] 1983 1993 2003 2013	Germany US-tax refor  D D D D D D D D D D D D D D D D D D	n? increase [3] 1985 1995 2005 2015	1986 1996 2006 2016	East and V	Vest since 0	1989 1999 2009 2019	Further Information  Further Information  Further Information  Further Information  Further Information
3.80) Wording o Mrz 18 Time span 1980 2000 2010 No. 3.81) Wording o	dl_ustax_ii f question Tax reform ir How will you Investment 1981 1991 2001 2011 2011 Name dl_ustax_ii of question 3 Tax reform ir	n the USA i (as a compa i n Germany 1982 1992 2002 2002 2012 2012 antelprop	ny) react to the decrease [1] 1983 1993 2003 2013 2013	Germany  E US-tax reform  D 0 change [2]  1984  1994  2004  2014  tax reform: r property	1985 - 1985 - 1995 - 2005 - 2015 -	1986 1996 2006 2016	East and V 1987 1997 2007 2017 2017 East and V	Vest since 0	1989 1999 2009 2019 3/2018	Further Information  Further Information  Survey frequency once
3.80) Wording o Mrz 18 Time span 1980 2000 2010 No. 3.81) Wording o	dl_ustax_ii f question Tax reform ir How will you Investment 1981 1991 2001 2011 2011 Name dl_ustax_ii of question 3 Tax reform ir	n the USA i (as a compa i n Germany 1982 1992 2002 2002 2012 2012 antelprop	ny) react to the decrease [1] 1983 1993 2003 2013 2013	Germany  E US-tax reform  D 0 change [2]  1984  1994  2004  2014  tax reform: r property	1985 1985 1995 2005 2015 2015 2015 2015 2015 2015 201	1986 1996 2006 2016	East and V 1987 1997 2007 2017 2017 East and V	Vest since 0 1988 1998 2008 2018 WEST EAST iod	1989 1999 2009 2019 3/2018	Further Information  Further Information  Further Information  Further Information  Further Information

980	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 WEST	2019

No. Label Name

No.	Name	Label		Survey period	Survey frequency
3.82)	dl_gdp1		real gdp: % change comp. last year	West and East 08/2018	once

Wording of question

Aug 18										Further Information
	By how many year (20YY)?		ou think the <b>re</b>	al GDP in Geri	many will cha	nge in <b>20XX</b> co	ompared to tl	he prev ious		XX=current year YY= previous year e.g. in 2018: 20XX=2018, 20YY=2017 related to gdp3 und gdp4
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000	1001	1000	1000	1001	1005	1005	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 WEST EAST	2019	

3.83) dl gdp2 impact economic development on West and East 08/2018 once	No	).	Name	Label		Survey period	Survey frequency
	3.8	3)	dl_gdp2		impact economic development on buisness situation	West and East 08/2018	once

Aug 18         How important is the general economic development in Germany for your buisness situation?         very important [1]       not as important important important [3]         [1]       [2]         [3]       [4]         [5]         Time span of variable
very importantimportant [2]not as importantless importantun- important[1][2][3][4][5]
important important important important important [2] [3] [4] [5]
important important important important important [1] [3] [4] [5]
Important     [2]     Important     Important     Important       [1]     [2]     [3]     [4]     [5]
Time span of variable
Time span of variable
Fime span of variable
Time span of variable
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989
1980 1981 1982 1983 1984 1985 1980 1987 1988 1989
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009
2000 2001 2002 2003 2004 2005 2000 2007 2008 2005
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
WEST
EAST

No.	Name	Label	Survey period		Survey frequency
3.84)	dl_fserv	foreign services	West and East 08/2018		once
Wording of	f question				
Aug 18				Further Information	
	Does your company curren	ntly provide services to persons or companies residen	t <b>abroad</b> and/or do you have		

Yes [1]         No [2]           Time span of variable           1980         1981         1982         1983         1984         1985         1986         1987         1989
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989
<u>1990</u> <u>1991</u> <u>1992</u> <u>1993</u> <u>1994</u> <u>1995</u> <u>1996</u> <u>1997</u> <u>1998</u> <u>1999</u>
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019
WEST EAST

No. Na	ame Lat	el Survey perio	d Survey frequency

once

once

3.85) dl\_fserv\_curreu

	West and East 08/2018
European country	

Wording of question

Aug 18	1									Further Information
	Does your co	mpany curren	tly provide <b>se</b> i	rvices to perso	ons or compar	nies resident a	abroad and/or	r do you have		
			the next two					· ·		
	If yes,									
			in another	1						
			European counrty [1]							
	cur	rent:								
	L		1							
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
								WEST EAST		

No.	Name	Label	Survey period	Survey frequency

3.86) dl\_fserv\_currwo current foreign services: outside Europe West and East 08/2018

Aug 18	3									Further Information
	Does your co plans for the		ntly provide <b>se</b> n the next two		ons or compa	nies resident :	abroad and/or	r do you have		
	If yes,									
			outside Europe [1]							
	curi	rent:								
			*							
	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	2012	2014	2015	2016	2017	2018	2010	1

								WEST EAST		
No.	Name		Label				Survey per	iod		Survey frequency
3.87)	dl fserv pl	laneu		planned fore	ign services:	in another	West and	East 08/2018	8	once
			_	European co	untry					
	of question									
Aug 18	Does your co plans for the If yes,		in the next two in another European country [1]		ons or compa	inies resident	abroad and/o	r do you have		Further Information
Time span	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1560	1501	1302	1985	1504	1565	1500	1567	1500	1585	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1550	1551	1352	1999	1334	1995	1550	1337	1550	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 per	iod		Survey frequency
3.88)	dl_fserv_pl	lanwo		planned fore Europe	ign services:	outside	West and	East 08/201	8	once
Aug 18	of question B									Further Information
Aug 18	B Does your co		ently provide se in the next two outside Europe [1]		ons or compa	inies resident	abroad and/o	r do you have		Further Information
Aug 18	Does your co plans for the <b>If yes,</b>		in the next two		ons or compa	nies resident	<b>abroad</b> and/o	r do you have		Further Information
Time span	B Does your co plans for the <b>if yes,</b> plan	ned:	outside Europe [1]	years?						Further Information
	B Does your co plans for the <b>If yes,</b> plar	se activities i	in the next two		ons or compa	inies resident 1986	abroad and/o	r do you have 1988		Further Information
Time span	B Does your co plans for the <b>If yes,</b> plan of variable	ined:	outside Europe [1]	years?	1985	1986	1987	1988	1989	Further Information
Time span	B Does your co plans for the <b>if yes,</b> plan	ned:	outside Europe [1]	years?						Further Information
Time span 1980 1990	B Does your co plans for the <b>If yes,</b> plan <b>n of variable</b> 1981 1991	1982 1992	In the next two outside Europe [1] 1983 1993	1984	1985	1986	1987	1988	1989	Further Information
Time span	B Does your co plans for the <b>If yes,</b> plan of variable	ined:	outside Europe [1]	years?	1985	1986	1987	1988	1989	Further Information
Time span 1980 1990 2000	B Does your co plans for the if yes, plan of variable 1981 1991 2001	nned: 1982 1992 2002	In the next two outside Europe [1] 1983 1993 2003	years?	1985 1995 2005	1986 1996 2006	1987 1997 2007	1988 1998 2008	1989 1999 2009	Further Information
Time span 1980 1990	B Does your co plans for the <b>If yes,</b> plan <b>n of variable</b> 1981 1991	1982 1992	In the next two outside Europe [1] 1983 1993	1984	1985	1986	1987	1988	1989	Further Information
Time span 1980 2000 2010	B Does your co plans for the if yes, n of variable 1981 1991 2001 2011	nned: 1982 1992 2002	in the next two outside Europe [1] 1983 1993 2003 2013	years?	1985 1995 2005	1986 1996 2006	1987 1997 2007 2017	1988 1998 2008 2018 ¥VEST EAST	1989 1999 2009	
Time span 1980 2000 2010 No.	B Does your co plans for the if yes, of variable 1981 1991 2001 2011 2011	se activities i nned: 1982 1992 2002 2012	In the next two outside Europe [1] 1983 1993 2003	years?	1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017 Survey per	1988 1998 2008 2018 WEST EAST	1989 1999 2009 2019	Survey frequency
Time span 1980 2000 2010	B Does your co plans for the if yes, n of variable 1981 1991 2001 2011	se activities i nned: 1982 1992 2002 2012	in the next two outside Europe [1] 1983 1993 2003 2013	years?	1985 1995 2005	1986 1996 2006 2016	1987 1997 2007 2017 Survey per	1988 1998 2008 2018 ¥VEST EAST	1989 1999 2009 2019	
Time span 1980 2000 2010 No. 3.89) Wording o	B Does your co plans for the if yes, n of variable 1981 2001 2001 2001 2011 0 United States dl_fop_nee of question	se activities i nned: 1982 1992 2002 2012	in the next two outside Europe [1] 1983 1993 2003 2013	years?	1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017 Survey per	1988 1998 2008 2018 WEST EAST	1989 1999 2009 2019	Survey frequency once
Time span 1980 2000 2010 No. 3.89)	B Does your co plans for the if yes, n of variable 1981 2001 2001 2001 2011 0 United States dl_fop_nee of question	se activities i nned: 1982 1992 2002 2012	in the next two outside Europe [1] 1983 1993 2003 2013	years?	1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017 Survey per	1988 1998 2008 2018 WEST EAST	1989 1999 2009 2019	Survey frequency
Time span 1980 2000 2010 No. 3.89) Wording o	B Does your co plans for the if yes, of variable 1981 1991 2001 2001 2001 2001 0 1991 1991 1	se activities i nned: 1982 1992 2002 2002 2002 2012	in the next two outside Europe [1] 1983 1993 2003 2013	1984 1994 2004 2014	1985 1995 2005 2015 ations challer	1986 1996 2006 2016	1987 1997 2007 2017 Survey per	1988 1998 2008 2018 WEST EAST	1989 1999 2009 2019	Survey frequency once
Time span 1980 2000 2010 No. 3.89) Wording o	B Does your co plans for the if yes, of variable 1981 1991 2001 2001 2001 2001 0 1991 1991 1	se activities i nned: 1982 1992 2002 2002 2002 2012	in the next two outside Europe [1] 1983 1993 2003 2013 Label	1984 1994 2004 2014	1985 1995 2005 2015 ations challer	1986 1996 2006 2016	1987 1997 2007 2017 Survey per	1988 1998 2008 2018 WEST EAST	1989 1999 2009 2019	Survey frequency once

Time s	oan of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
1990	1331	1552	1995	1554	1993	1990	1557	1556	1555
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

once

Survey frequency

3.90) dl\_fop\_risk

foreign operations challenge: high risk/cost of market development West and East 08/2018

Wording of question

Aug 18										Further Information
	What aspects	s prevent or co	omplicate fore	ign operation						
			Yes[1]							
	high risk / co develo	ost of market opment								
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

3.91) dl\_fop\_qual foreign operations challenge: no qualification West and East 08/2018 once

Aug 18	8									Further Information
	What aspect	s prevent or c	omplicate fore	ign operation	s of your com	nanv?				
			Yes[1]							
	lack of qu	alification/								
	experience	of employees								
Time span	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	
2010						2010	_017	WEST		
								EAST		

## Wording of question

barrier

Aug 18									
	What aspect	s prevent or co	mplicate fore	ign operation	s of your com	pany?			
			Yes[1]						
	barrier to m	arket access							
Time coop	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1980	1981	1982	1983	1984	1985	1980	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
								WEST EAST	
								LAST	

No.	Name	Label	Survey period	Survey frequency
3.93)	dl_fop_dem	foreign operations challenge: no	West and East 08/2018	once
		demand		

Aug 18										Further Information
	What aspect	s prevent or co	omplicate fore	eign operation						
			Yes[1]							
	no demand	for our offer								
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
3.94)	dl_fop_ip foreign operations challenge:		West and East 08/2018	once
		protection intellectual property		

Wording of question	

Aug 18									
	What aspect	s prevent or co	omplicate <b>fore</b>	ign operation	<b>s</b> of your com	pany?			
			Yes[1]						
	intellectua	otection of I property / Ita							
Time span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	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 period	Survey frequency
3.95)	dl_fop_stand		foreign operations challenge: different	West and East 08/2018	once

foreign operations challenge: different West and East 08/2018 standards dl\_fop\_stand 3.95)

## Wording of question

Aug 18										Further Information
	What aspect	s prevent or c	omplicate <b>fore</b>	eign operation	s of your com	pany?				
			Yes[1]							
	different s norms	itandards / abroad								
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

3.96)	dl_fop_cultb	foreign operations challenge:	West and East 08/2018	once
		cultural/language barriers		

## Wording of question

Aug 18										Further Information
	What aspect	s prevent or co	omplicate fore	ign operation	s of your com	pany?				
				]						
			Yes[1]							
		language								
	barı	riers								
Time span	ofvariable									
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		

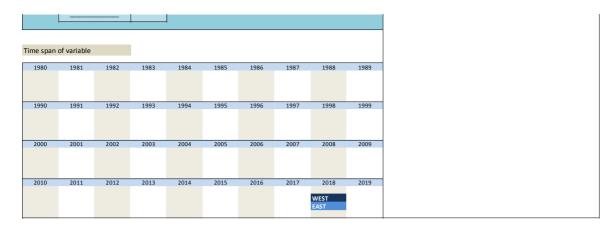
No.	Name	Label	Survey period	Survey frequency
			EAST	

dl\_fop\_oth 3.97)

foreign operations challenge: other West and East 08/2018

once

Aug 18			Further Information
	What aspects prevent or co	mplicate <b>fore</b>	These comments are not part of the KT-Dataset. For access they have to be requested at EBDC, seperately.
		Yes[1]	
	Others:		



Survey period

Survey frequency

once

No. Name Label

founding year

3.98) dl\_found

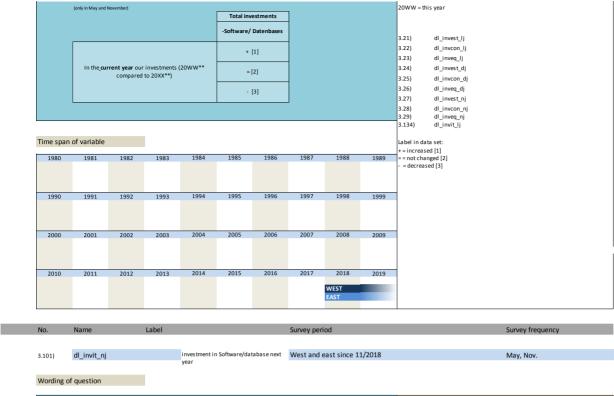
West and East 09/2018

Wording of question

Sep 18	<b>)</b>								
Seb 10	,								
	In which yea	r was your cor	mpany / busin	ess founded?					
					-				
Time span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1980	1981	1982	1983	1984	1985	1980	1987	1988	1989
4000	4004	4000	4000	4004	4005	4000	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
								MECT	
								WEST EAST	
								EAST	

No.	Name	Label		Survey period	Survey frequency
3.99)	dl_forsales		sales:%in foreign country	West and East 09/2018	once

Sep 18										Further information
	How many pe	rcent of you	r sales does yo	our company /	business mak	e abroad?				
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1500	1501	1502	1505	1504	1905	1500	1507	1500	1505	
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 per	iod		Survey frequency
3.100)	dl_invit_dj			investment i	n Software/da	tabase this	West and	east since 1	1/2018	May, Nov.
5.2007	auj			year	,==				-, -010	1vid y, 140V.
Wording o	f question									
Nov 18										Further information



Nov 18										Further information
	Special questi	ion investmer	nts							20YY = next
	(only in May and M									20WW = this year
	(,,	,			Total inv	estments	1			
					-Software/	Datenbases				3.21) dl_invest_lj
						(4.)				3.22) dl_invcon_lj
					+	[1]				3.23) dl_inveq_lj
	Next year	our investme	nts will likely	be (20YY**		2	1			3.24) dl_invest_dj
		compared t	o 20WW**)		=	2]				3.25) dl_invcon_dj
						[3]				3.26) dl_inveq_dj
						[2]				3.27) dl_invest_nj
							_			3.28) dl_invcon_nj
										3.29) dl_inveq_nj
										3.134) dl_invit_lj
Time span	ofvariable									Label in data set:
nine span										+ = increased [1]
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	= = not changed [2]
										<ul> <li>- = decreased [3]</li> </ul>
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	-
2010	2011	2012	2013	2014	2015	2010	2017	2018	2019	
								WEST		
								EAST		

No. Name Label

Survey period

Survey frequency

3.102) dl\_sec\_management sector - questionnaire completed in: management

West East 12/2018

once

since 12/20	18								
In which se	ctor of your con	npany/enterpr	ise the quest	ionnaire of the	e ifo Business	Survey will b	e completed?		
	management			[1]					
	gement			(*)					
Time spar	of variable								
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
1991	1552	1995	1554	1993	1990	1997	1990	1999	2000
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010

3.103)       dl_sec_controlling       sector - questionnaire completed in: controlling       West East 12/2018       once         Since 12/2018       In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be completed?       Further information       Further information	vey frequency ce
No.     Name     Label     Survey period     Survey       3.103)     dl_sec_controlling     sector - questionnaire completed in: controlling     West East 12/2018     once       Wording of question     since 12/2018     Further information     further information       In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be completed?     further information	
3.103)       dl_sec_controlling       sector - questionnaire completed in: controlling       West East 12/2018       once         Since 12/2018       In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be completed?       Further information         Finance / Controlling / Accounting       [1]	
Wording of question       Further information         since 12/2018       Further information         In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be completed?       Finance / Controlling / Accounting         Finance / Controlling / Accounting       [1]	:e
since 12/2018 In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be completed?           Finance / Controlling / Accounting         [1]	
since 12/2018 In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be completed?           Finance / Controlling / Accounting         [1]	
Finance / Controlling / Accounting     [1]	
Time span of variable	
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 2020	
WEST EAST	
	nou from the
No.         Name         Label         Survey period         Survey           3.104)         dl_sec_marketing         sector - questionnaire completed in: marketing         West East 12/2018         once	vey frequency
In which sector of your company/enterprise the questionnaire of the ifo Business Survey will be completed?	
Time span of variable	
Time span of variable           1991         1992         1994         1995         1997         1998         1999         2000	
1991         1992         1993         1994         1995         1996         1997         1998         1999         2000           2001         2002         2003         2004         2005         2006         2007         2008         2009         2010	
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         2020	
1991         1992         1993         1994         1995         1996         1997         1998         1999         2000           2001         2002         2003         2004         2005         2006         2007         2008         2009         2010	
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       2020         WEST       EAST       EAST       EAST       EAST       EAST       EAST       EAST	vey frequency
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       2020         WEST       EAST       EAST       EAST       EAST       EAST       EAST       EAST	
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       2020         WEST EAST         No.       Name       Label       Survey period       Survey         3.105)       dl_sec_other       sector - questionnaire completed in: other       West East 12/2018       once	
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       2020         West EAST         No.       Name       Label       Survey period       Survey         3.105)       dl_sec_other       sector - questionnaire completed in: other       West East 12/2018       once         Wording of question	ce
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       2020         Votice       2011       2012       2013       2014       2015       2016       2017       2018       2019       2020         No.       Name       Label       Survey period       Survey       Survey	ce
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       2020         West EAST         No.       Name       Label       Survey period       Survey         3.105)       dl_sec_other       sector - questionnaire completed in: other       West East 12/2018       once         Wording of question	ce
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       2020         Voit       2011       2012       2013       2014       2015       2016       2017       2018       2019       2020         No.       Name       Label       Survey period       Survey       Survey period       Survey         3.105)       dL sec_other       sector - questionnaire completed in: other       West East 12/2018       once         Further information         These comments are not part of the KT-Dataset         requestion         Other doregination:	ce
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       2020         WKST         Survey period       Survey         3.105)       dl_sec_other       sector - questionnaire completed in: other       West East 12/2018       Once         Wording of question         Survey will be completed?         ofther, description:       [1]       [1]       These comments are not part of the KT-Dataset         Other, description:         [1]       Label	ce
1991       1992       1993       1994       1995       1997       1998       1999       2000         2001       2002       2003       2004       2005       2006       2007       2008       2009       2010         2011       2012       2013       2014       2015       2016       2017       2018       2019       2020         VMEST         2011       2012       2013       2014       2015       2016       2017       2018       2019       2020         No.       Name       Label       Survey period       Survey         3.105)       df_sec_other       sector - questionnaire completed in: other       West East 12/2018       once         Survey period       Survey         Survey period       Survey         Survey of the file Business Survey will be completed?         Wording of question         Survey of the file Business Survey will be completed?         Uther, description:       [1]         Time span of variable	ce

2011	2012	2013	2014	2015	2016	2017			2020	
							WEST EAST			
No.	Name		Label				Survey perio	d		Survey frequency
3.106)	dl_pos_dire	ector	position - que	estionnaire co	ompleted by: d	irector	West East 1	2/2018		once
Wording o	of question									
										Further information
since 12/20: Which name	18 e most likely ap	polies to the <b>p</b>	oosition of the u	usually compl	eting (the que	stionnaire) p	person?			
		ctor / Authori								
	Board memb			[1]						
Time span	of variable									
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	2020	
							WEST			
							EAST			
No.	Name		Label				Survey perio	d		Survey frequency
3.107)	dl_pos_ma	nager	position - que	estionnaire co	ompleted by: n	nanager	West East 1	2/2018		once
Wording o	of question	i								Further information
since 12/20:	18									
	18 e most likely ap	plies to the <b>p</b>	rosition of the u	isually compl	eting (the que	stionnaire) p	person?			
	e most likely ap	pplies to the <b>p</b> ead of departm		usually compl	eting (the que	stionnaire) p	person?			
	e most likely ap				eting (the que	stionnaire) p	berson?			
Which name	e most likely ap manager / he	ead of departm	nent	[1]	]					
Which name	e most likely ap manager / he				leting (the que	stionnaire) p 1997	person?	1999	2000	
Which name	e most likely ap manager / he	ead of departm	nent	[1]	]			1999	2000	
Which name	e most likely ap manager / he	ead of departm	nent	[1]	]			1999	2000	
Which name	e most likely ap manager / he n of variable 1992	ead of departm	nent 1994	[1]	1996	1997	1998			
Which name	e most likely ap manager / he n of variable 1992	ead of departm	nent 1994	[1]	1996	1997	1998 2008 2018			
Which name	e most likely ap	2003	nent 1994 2004	[1] 1995 2005	1996	1997 2007	1998 2008	2009	2010	
Which name Time span 1991 2001 2011	e most likely ap manager / he 1 of variable 2002 2012	2003	nent 1994 2004 2014	[1] 1995 2005	1996	1997 2007	1998 2008 2018 WEST EAST	2009	2010	Sunsey frequency
Which name Time span 1991 2001 2011 No.	e most likely ap manager / he n of variable 2002 2012 2012 Name	2003 2013	nent 1994 2004	[1] 1995 2005	1996	1997 2007	1998 2008 2018 WEST EAST	2009 2019 d	2010	Survey frequency
Which name Time span 1991 2001 2011	e most likely ap manager / he 1 of variable 2002 2012	2003 2013	nent 1994 2004 2014 Label	[1] 1995 2005 2015	1996	1997 2007 2017	1998 2008 2018 WEST EAST	2009 2019 d	2010	Survey frequency
Which name Time span 1991 2001 2011 No. 3.108)	e most likely ap manager / he n of variable 2002 2012 2012 Name	2003 2013 2013	nent 1994 2004 2014 Label	[1] 1995 2005 2015	1996 2006 2016	1997 2007 2017	1998 2008 2018 WEST EAST	2009 2019 d	2010	once
Which name Time span 1991 2001 2011 No. 3.108)	e most likely ap manager / he n of variable 1992 2002 2012 2012 2012 dl_pos_tea of question	2003 2013 2013	nent 1994 2004 2014 Label	[1] 1995 2005 2015	1996 2006 2016	1997 2007 2017	1998 2008 2018 WEST EAST	2009 2019 d	2010	
Which name Time span 1991 2001 2011 2011 No. 3.108) Wording o since 12/202	e most likely ap manager / he n of variable 1992 2002 2012 2012 2012 dl_pos_tea of question	2003 2013 2013	nent 1994 2004 2014 Label position - que	[1] 1995 2005 2015	1996 2006 2016	1997 2007 2017 eam leader	1998 2008 2018 WEST EAST Survey perior	2009 2019 d	2010	once
Which name Time span 1991 2001 2011 2011 No. 3.108) Wording o since 12/202	e most likely ap manager / he n of variable 1992 2002 2012 2012 2012 dl_pos_tea of question 18	2003 2013 2013 mileader	nent 1994 2004 2014 Label position - que	[1] 1995 2005 2015	1996 2006 2016	1997 2007 2017 eam leader	1998 2008 2018 WEST EAST Survey perior	2009 2019 d	2010	once
Which name Time span 1991 2001 2011 2011 No. 3.108) Wording o since 12/202	e most likely ap manager / he 1992 2002 2012 2012 Name dl_pos_tea of question 18 e most likely ap	2003 2013 2013 mileader	nent 1994 2004 2014 Label position - que	[1] 1995 2005 2015 estionnaire cc	1996 2006 2016	1997 2007 2017 eam leader	1998 2008 2018 WEST EAST Survey perior	2009 2019 d	2010	once
Which name Time span 1991 2001 2011 2011 No. 3.108) Wording o since 12/20: Which name	e most likely ap manager / he 1992 2002 2012 2012 Name dl_pos_tea of question 18 e most likely ap	2003 2013 2013 mileader	nent 1994 2004 2014 Label position - que	[1] 1995 2005 2015 estionnaire cc	1996 2006 2016	1997 2007 2017 eam leader	1998 2008 2018 WEST EAST Survey perior	2009 2019 d	2010	once
Which name Time span 1991 2001 2011 2011 No. 3.108) Wording o since 12/20: Which name	e most likely ap manager / he 1992 2002 2012 2012 Name dl_pos_tea of question 18 e most likely ap	2003 2013 2013 mileader	nent 1994 2004 2014 Label position - que	[1] 1995 2005 2015 estionnaire cc	1996 2006 2016	1997 2007 2017 eam leader	1998 2008 2018 WEST EAST Survey perior	2009 2019 d	2010	once
Which name Time span 1991 2001 2011 2011 No. 3.108) Wording o since 12/20: Which name Time span	e most likely ap manager / he of variable 2002 2012 2012 2012 dl_pos_tea of question 18 e most likely ap Team leader	2003 2013 2013 2014 2015 2014	nent 1994 2004 2014 2014 position - que	[1] 1995 2005 2015 2015 stionnaire cc isually compl	1996 2006 2016 cmpleted by: tr eting (the que	1997 2007 2017 eam leader	1998 2008 2018 WEST EAST Survey perio West East 1	2009 2019 d 2/2018	2010	once
Which name Time span 1991 2001 2011 2011 No. 3.108) Wording o since 12/20: Which name Time span	e most likely ap manager / he of variable 2002 2012 2012 2012 dl_pos_tea of question 18 e most likely ap Team leader	2003 2013 2013 2014 2015 2014	nent 1994 2004 2014 2014 position - que	[1] 1995 2005 2015 2015 stionnaire cc isually compl	1996 2006 2016 cmpleted by: tr eting (the que	1997 2007 2017 eam leader	1998 2008 2018 WEST EAST Survey perio West East 1	2009 2019 d 2/2018	2010	once
Which name Time span 2001 2011 2011 No. 3.108) Wording o since 12/20: Which name Time span 1991	e most likely ap manager / he i of variable 2002 2012 2012 2012 2012 2012 2012 201	2003 2013 2013 2013 2013 2013 2013 2013	nent 1994 2004 2014 2014 position - que position of the u 1994	[1] 1995 2005 2015 2015 stionnaire cc usually compl [1] 1995	1996   2006   2016	1997 2007 2017 auni leader stionnaire) p	1998 2008 2018 WEST EAST Survey perior West East 1 Deerson?	2009 2019 d 2/2018 2/2018	2010	once
Which name Time span 2001 2011 2011 No. 3.108) Wording o since 12/20: Which name Time span 1991	e most likely ap manager / he i of variable 2002 2012 2012 2012 2012 2012 2012 201	2003 2013 2013 2013 2013 2013 2013 2013	nent 1994 2004 2014 2014 position - que position of the u 1994	[1] 1995 2005 2015 2015 stionnaire cc usually compl [1] 1995	1996   2006   2016	1997 2007 2017 auni leader stionnaire) p	1998 2008 2018 WEST EAST Survey perior West East 1 Deerson?	2009 2019 d 2/2018 2/2018	2010	once

			Label				Survey perio	Ju		Survey frequency
3.109)	dl_pos_cler	k	position - qu	estionnaire co	ompleted by: o	lerk	West East 2	12/2018		once
Wording	of question									
worung	orquestion									
since 12/20	018									Further information
Which nam	ne most likely ap	plies to the <b>r</b>	osition of the	usually comp	leting (the que	estionnaire) r	erson?			
					7	,				
	Clerk			[1]						
					1					
Time spa	n of variable									
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	2020	
							WEST			
							EAST			
No.	Name		Label				Survey perio	bc		Survey frequency
2.110)	dl pos oth	or					West East 2	12/2019		once
3.110)	u_pos_oui	ei	position - qu	es d'onnaire co	ompreted by: c	Juner	West East .	12/2010		Unce
Wording	of question									
										Further information
since 12/20	018									
Which nam	ne most likely ap	plies to the <b>p</b>	osition of the	usually compl	leting (the que	estionnaire) p	erson?			These comments are not part of the KT-Dataset. For access they have to be requested at EBDC, seperately.
	Other, descrip	ation:			1					
				[1]						
	-									
Time coa										
	n of variable									
	n of variable									
1991	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992									
		1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998	1999 2009	2000	
1991	1992									
1991 2001	1992 2002	2003	2004	2005	2006	2007	2008	2009	2010	
1991	1992						2008 2018			
1991 2001	1992 2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	1992 2002	2003	2004	2005	2006	2007	2008 2018 WEST	2009	2010	
1991 2001 2011	2002	2003	2004	2005	2006	2007	2008 2018 WEST EAST	2009 2019	2010	
2001	1992 2002	2003	2004	2005	2006	2007	2008 2018 WEST	2009 2019	2010	Survey frequency
1991 2001 2011 No.	1992 2002 2012 Name	2003	2004 2014 Label	2005	2006	2007	2008 2018 WEST EAST Survey period	2009 2019	2010	
1991 2001 2011 No.	2002	2003	2004	2005	2006	2007	2008 2018 WEST EAST	2009 2019	2010	Survey frequency
1991 2001 2011 No. 3.111)	1992 2002 2012 Name	2003	2004 2014 Label	2005	2006	2007	2008 2018 WEST EAST Survey period	2009 2019	2010	
1991 2001 2011 No. 3.111) Wording .	1992 2002 2012 Name dl_kap3 of question	2003	2004 2014 Label	2005	2006	2007	2008 2018 WEST EAST Survey period	2009 2019	2010	once
1991 2001 2011 No. 3.111) Wording .	1992 2002 2012 Name dl_kap3 of question	2003	2004 2014 Label	2005	2006	2007	2008 2018 WEST EAST Survey period	2009 2019	2010	
1991 2001 2011 No. 3.111) Wording , since 01/2(	1992 2002 2012 Name dl_kap3 of question	2003	2004 2014 Label	2005 2015 bacity expanti	2006 2016	2007 2017 rerage)	2008 2018 WEST EAST East West a	2009 2019 od ob 01/2019	2010	once
1991 2001 2011 No. 3.111) Wording a since 01/20 On an annu	1992 2002 2012 Name dl_kap3 of question	2003	2004 2014 Label	2005 2015 bacity expanti	2006 2016	2007 2017 rerage)	2008 2018 WEST EAST East West a	2009 2019 od ob 01/2019	2010	Once Further information
1991 2001 2011 No. 3.111) Wording . since 01/2( On an <b>ann</b>	1992 2002 2012 Name dl_kap3 of question	2003	2004 2014 Label	2005 2015 bacity expanti	2006 2016	2007 2017 rerage)	2008 2018 WEST EAST East West a	2009 2019 od ob 01/2019	2010	Once Further information
1991 2001 2011 No. 3.111) Wording a since 01/20 On an annu	1992 2002 2012 Name dl_kap3 of question	2003	2004 2014 Label potential cap	2005 2015 bacity expanti	2006 2016	2007 2017 rerage)	2008 2018 WEST EAST East West a	2009 2019 od ob 01/2019	2010	Once Further information
1991 2001 2011 No. 3.111) Wording - since 01/20 On an <b>annu</b> or under-ut	1992 2002 2012 Name dl_kap3 of question 019 all average, we c dilization) by	2003	2004 2014 Label potential cap	2005 2015 bacity expanti	2006 2016	2007 2017 rerage)	2008 2018 WEST EAST East West a	2009 2019 od ob 01/2019	2010	Once Further information
1991 2001 2011 No. 3.111) Wording - since 01/20 On an <b>annu</b> or under-ut	1992 2002 2012 Name dl_kap3 of question	2003	2004 2014 Label potential cap	2005 2015 bacity expanti	2006 2016	2007 2017 rerage)	2008 2018 WEST EAST East West a	2009 2019 od ob 01/2019	2010	Once Further information
1991 2001 2011 No. 3.111) Wording - since 01/20 On an <b>annu</b> or under-ut	1992 2002 2012 Name dl_kap3 of question 019 all average, we c dilization) by	2003	2004 2014 Label potential cap	2005 2015 bacity expanti	2006 2016	2007 2017 rerage)	2008 2018 WEST EAST East West a	2009 2019 od ob 01/2019	2010	once Further information
1991 2001 2011 No. 3.111) Wording . since 01/20 On an <b>annt</b> or under-ut	1992 2002 2012 Name dl_kap3 of question 019 all average, we c silization) by	2003 2013 an typically i	2004 2014 Label potential cap	2005 2015 bacity expanti	2006 2016 on (annual av	2007 2017 rerage)	2008 2018 WEST EAST East West a economic situa	2009 2019 ab 01/2019	2010 2020	once Further information
1991 2001 2011 No. 3.111) Wording - since 01/2( On an <b>annu</b> or under-ut	1992 2002 2012 Name dl_kap3 of question 019 all average, we c silization) by	2003 2013 an typically i	2004 2014 Label potential cap	2005 2015 bacity expanti	2006 2016 on (annual av	2007 2017 rerage)	2008 2018 WEST EAST East West a economic situa	2009 2019 ab 01/2019	2010 2020	Once Further information

			WEST EAST			
No.	Name	Label		Survey period		Survey frequency
3.112)	dl_gdp3		real gdp: % change comp. last year	West and East 03/2019	Э	once
			(2019 vs 2018)			

2021

2022

2023

2017 2018 2019 2020

2016

2015

2014

	.9									Further information
	By how many the respectiv	e previous ye	ou think the <b>re</b> ar? th one decimal		many will cha	nge in the yea	ar listed belov	v compared to		
	2019:	%								related to gdp1 gdp4
Time spar	n of variable									
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	2020	
								WEST EAST		
No.	Name		Label				Survey per	iod		Survey frequency
3.113)	dl_gdp4			real gdp:%c	hange comp. I	ast year	West and	East 03/201	9	once
				(2020 vs 201	9)					
Wording c	of question									
since 3/201	.9									Further information
	the respectiv	e previous ye	ar?		many will cha	nge in the yea	ar listed belov	v compared to		
	(percentage i 2020:		th one decimal	possible)						
	2020.	%								related to gdp1 gdp3
Time spar	n of variable									
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	2020	
		2013	2014	2015	2016	2017	2018	2019 WEST EAST	2020	
		2013	2014	2015	2016	2017	2018	WEST	2020	
No.	Name	2013	2014 Label	2015	2016	2017	2018 Survey per	WEST EAST	2020	Survey frequency
	Name dl_heat_oo			2015 weather - occ			Survey per	WEST EAST		Survey frequency once
No. 3.114)	dl_heat_oo						Survey per	WEST EAST		
No. 3.114)							Survey per	WEST EAST		once
No. 3.114)	dl_heat_oo	c	Label	weather - occ	:urance: heat	wave	Survey per West and	WEST EAST		
No. 3.114) Wording c	dl_heat_oo	c	Label	weather - occ	:urance: heat	wave	Survey per West and	WEST EAST		once Further information
No. 3.114) Wording c	dl_heat_oc of question .9 Where there	c	Label	weather - occ	:urance: heat	wave	Survey per West and	WEST EAST		once Further information
No. 3.114) Wording c	dl_heat_oo of question 9 Where there 10 years ?	c	Label	weather - occ	curance: heat	wave	Survey per West and	WEST EAST		once Further information
No. 3.114) Wording c	dl_heat_oc of question .9 Where there	c	Label	weather - occ	curance: heat	wave	Survey per West and	WEST EAST		once Further information
No. 3.114) Wording c since 5/201	dl_heat_oc of question 9 Where there 10 years ?	c	Label	weather - occ	curance: heat	wave	Survey per West and	WEST EAST		once Further information
No. 3.114) Wording c since 5/201	dl_heat_oc of question 9 Where there 10 years ? Heat wave	C any incidents	Label	weather - occ	ons in the region No [2]	on, where you	Survey per West and ur firm is settl	WEST EAST	9	once Further information
No. 3.114) Wording c since 5/201	dl_heat_oc of question 9 Where there 10 years ?	c	Label	weather - occ	curance: heat	wave	Survey per West and	WEST EAST		once Further information
No. 3.114) Wording c since 5/201 Time spar	dl_heat_oc of question 9 Where there 10 years ? Heat wave n of variable	c any incidents	Label	weather - occ eather condition Yes [1]	curance: heat	on, where you	Survey per West and ur firm is settl	WEST EAST iod East 05/201 <sup>2</sup> ed, in the last	9	once Further information
No. 3.114) Wording c since 5/201	dl_heat_oc of question 9 Where there 10 years ? Heat wave	C any incidents	Label	weather - occ	ons in the region No [2]	on, where you	Survey per West and ur firm is settl	WEST EAST	9	once Further information
No. 3.114) Wording c since 5/201 Time spar 1991 2001	dl_heat_oc of question 9 Where there 10 years ? h of variable 1992 2002	c any incidents 1993 2003	Label	weather - occ ather condition Yes [1] 1995 2005	urance: heat	wave on, where you 1997 2007	Survey per West and ur firm is settl 1998 2008	WEST EAST iod East 05/2011 ed, in the last 1999 2009	9 2000 2010	once Further information
No. 3.114) Wording c since 5/201 Time spar	dl_heat_oc of question 9 Where there 10 years ? Heat wave n of variable	c any incidents 1993	Label	weather - occ eather condition Yes [1]	curance: heat	on, where you	Survey per West and ur firm is settl	WEST EAST iod East 05/2011 ed, in the last 1999 2009 2019 WEST	9	once Further information
No. 3.114) Wording c since 5/201 Time spar 1991 2001	dl_heat_oc of question 9 Where there 10 years ? h of variable 1992 2002	c any incidents 1993 2003	Label	weather - occ ather condition Yes [1] 1995 2005	urance: heat	wave on, where you 1997 2007	Survey per West and ur firm is settl 1998 2008	WEST EAST iod East 05/201: ed, in the last 1999 2009 2019	9 2000 2010	once Further information
No. 3.114) Wording c since 5/201 Time spar 1991 2001	dl_heat_oc of question 9 Where there 10 years ? h of variable 1992 2002	c any incidents 1993 2003	Label	weather - occ ather condition Yes [1] 1995 2005	urance: heat	wave on, where you 1997 2007	Survey per West and ur firm is settl 1998 2008	WEST EAST East 05/201: ed, in the last 1999 2009 2019 WEST EAST	9 2000 2010	once Further information
No. 3.114) Wording c since 5/201 Time spar 1991 2001 2011	d heat_oc of question 9 Where there 10 years ? h of variable 1992 2002 2012	c any incidents 1993 2003 2013	Label	weather - occ ather condition Yes [1] 1995 2005	curance: heat	wave on, where you 1997 2007 2017	Survey per West and ur firm is settl 1998 2008 2018 Survey per	WEST EAST East 05/201: ed, in the last 1999 2009 2019 WEST EAST	9 2000 2010 2020	Further information         only online

	9									only online
	Where there a 10 years ?	any incidents	of extrem we	eather conditio	ons in the regi	on, where yo	ur firm is settle	ed, in the last		
				Yes [1]	No [2]	1				
				res [1]	NO [2]	=				
	Cold wave									
Time span	of variable									
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	2020	
								WEST EAST		
No	Name		Label				Success	iod		
No.	Name		Label				Survey per			Survey frequency
3.116)	dl_drought	_occ		weather - occ	curance: Drou	ght	West and	East 05/2019	1	once
Wording of	f question									
cince 5 /200	0									Further information
since 5/2019		any incidents	of extrem we	ather conditio	ons in the regi	on, where vo	ur firm is settle	ed, in the last		only online
	10 years ?									
				Yes [1]	No [2]					
	Drought									
						J				
Time span	of variable									
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	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019 WEST EAST	2020	
2011	2012	2013	2014	2015	2016	2017	2018	WEST	2020	
2011 No.	2012 Name	2013	2014 Label	2015	2016	2017	2018 Survey per	WEST EAST	2020	Survey frequency
No.				2015 weather - occ			Survey per	WEST EAST		Survey frequency once
No. 3.117)	Name dl_rain_occ						Survey per	WEST EAST		
No.	Name dl_rain_occ						Survey per	WEST EAST		once
No. 3.117)	Name dl_rain_occ of question		Label	weather - occ	curance: heavy	y rain	Survey per	WEST EAST iod East 05/2019		
No. 3.117) Wording of	Name dl_rain_occ of question		Label	weather - occ	curance: heavy	y rain	Survey per	WEST EAST iod East 05/2019		once Further information
No. 3.117) Wording of	Name dl_rain_occ ff question 9 Where there a		Label	weather - occ	curance: heavy	y rain	Survey per	WEST EAST iod East 05/2019		once Further information
No. 3.117) Wording of	Name dl_rain_occ f question 9 Where there a 10 years ?		Label	weather - occ	curance: heavy	y rain	Survey per	WEST EAST iod East 05/2019		once Further information
No. 3.117) Wording of	Name dl_rain_occ ff question 9 Where there a		Label	weather - occ	curance: heavy	y rain	Survey per	WEST EAST iod East 05/2019		once Further information
No. 3.117) Wording of since 5/2019	Name dl_rain_occ f question 9 Where there a 10 years ?		Label	weather - occ	curance: heavy	y rain	Survey per	WEST EAST iod East 05/2019		once Further information
No. 3.117) Wording of since 5/2019	Name dl_rain_occ f question 9 Where there a 10 years ?		Label	weather - occ	curance: heavy	y rain	Survey per	WEST EAST iod East 05/2019		once Further information
No. 3.117) Wording of since 5/2019 Time span	Name dl_rain_occ f question 9 Where there a 10 years ? Heavy rain of variable	: any incidents	Label	weather - occ	ons in the region No [2]	y rain on, where yo	Survey per West and I	WEST EAST iod East 05/2015 ed, in the last		once Further information
No. 3.117) Wording of since 5/2019 Time span	Name dl_rain_occ f question 9 Where there a 10 years ? Heavy rain of variable	: any incidents	Label	weather - occ	ons in the region No [2]	y rain on, where yo	Survey per West and I	WEST EAST iod East 05/2015 ed, in the last		once Further information
No. 3.117) Wording of since 5/2019 Time span	Name dl_rain_occ f question g Where there a 10 years ? Heavy rain of variable 1992	any incidents	Label of extrem we	weather - occ eather condition Yes [1]	ons in the regional states of the second states of	y rain on, where yo	Survey peri	WEST EAST iod East 05/2015 ed, in the last	2000	once Further information
No. 3.117) Wording of since 5/2019 Time span	Name dl_rain_occ f question g Where there a 10 years ? Heavy rain of variable 1992	any incidents	Label of extrem we	weather - occ eather condition Yes [1]	ons in the regional states of the second states of	y rain on, where yo	Survey peri	WEST EAST iod East 05/2015 ed, in the last	2000	once Further information
No. 3.117) Wording of since 5/2019 Time span 1991 2001	Name dl_rain_occ f question  where there a to years ? Heavy rain of variable 1992 2002	any incidents	Label of extrem we 1994 2004	weather - occ eather condition Yes [1] 1995 2005	curance: heavy	y rain on, where yo 1997 2007	Survey peri West and I ur firm is settle	WEST EAST iod East 05/2019 ed, in the last	2000	once Further information
No. 3.117) Wording of since 5/2019 Time span 1991 2001	Name dl_rain_occ f question  where there a to years ? Heavy rain of variable 1992 2002	any incidents	Label of extrem we 1994 2004	weather - occ eather condition Yes [1] 1995 2005	curance: heavy	y rain on, where yo 1997 2007	Survey peri West and I ur firm is settle	WEST EAST iod East 05/2019 ed, in the last 1999 2009 2019	2000	once Further information
No. 3.117) Wording of since 5/2019 Time span 1991 2001	Name dl_rain_occ f question  where there a to years ? Heavy rain of variable 1992 2002	any incidents	Label of extrem we 1994 2004	weather - occ eather condition Yes [1] 1995 2005	curance: heavy	y rain on, where yo 1997 2007	Survey peri West and I ur firm is settle	WEST EAST iod East 05/2019 ed, in the last 1999 2009 2019 WEST EAST	2000	once Further information

Wording of question	

										urther information	
since 5/201	9								c	only online	
		any incidents	of extrem we	eather condition	ons in the regi	on, where you	r firm is settl	led, in the last			
	10 years ?										
				Yes [1]	No [2]						
				163 [1]	140 [2]						
	Storms										
	Storms										
Time span	n of variable										
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
1551	1332	1555	1004	2555	1990	1337	1550	1999	2000		
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
								WEST EAST			

No. Name Label Survey frequency Survey period dl\_heat\_imp weather - impact: heatwaves West and East 05/2019 once 3.119)

Wording of question

											Further information
sir	ce 5/2019										only online
		Did these ext						6			
		Did these ext	reme weathe	r conditions in	avean impact	on the value	added of your	mme			
					Positive [1]	None [2]	Negative [3]				
					POSITIVE[1]	None [2]	wegative [5]				
		Heatwaves									
_											
Tir	ne span	of variable									
	1991	1992	4000	1994	4005	1996	4007	1998	4000	2000	
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	2001	2002	2005	2004	2005	2000	2007	2000	2005	2010	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
				2014		2010		2010			
									WEST		
									EAST		

No.	Name	Label		Survey period		Survey frequency
3.120)	dl_cold_imp		weather - impact: coldwaves	West and East 05/2019		once
Wording	of question					
					Further information	

since 5/2019	9									only online
	Did these <b>ext</b>	reme weathe	r conditions h	iave an impact	on the value	added of your	firm?			
				Positive [1]	None [2]	Negative [3]				
	Coldwaves									
Time span	of variable									
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	2020	
								WEST		
								EAST		

No. Name Label Survey period

Survey frequency

	di duqualat inca	weather - impact: drought
3.121)	dl_drought_imp	weather impact arought

West and East 05/2019

once

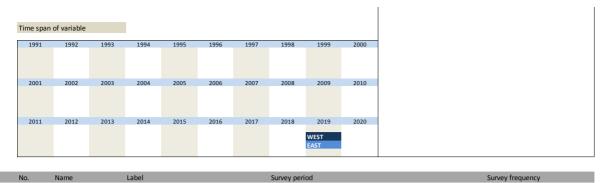
										Eurthor information	
since 5/201	.9									Further information only online	
	Did these <b>extr</b>	reme weathe	er conditions b	have an impact	on the value	added of your	firm?				
					(2)	(2)					
				Positive [1]	None [2]	Negative [3]					
	Drought										
										-	
Time span	n of variable										
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	2020		
								WEST			
								EAST			
No.	Name		Label				Survey per	od	_		Survey frequency
10.			Luoc.								ourcy mayanty
3.122)	dl_rain_imp	)		weather - imp	oact: heavy rai	in	West and	East 05/2019	Э		once
Wording o	of question										
			-							Further information	
										only online	
since 5/201			ditions h	impact	. the value	the diaf your	C			,	
since 5/201		reme weathe	er conditions h	have an impact	on the <b>value</b>	added of your	firm?				
since 5/201		reme weathe	er conditions l	have an impact Positive [1]	t on the value of	added of your Negative [3]	firm?				
since 5/201	Did these <b>extr</b>	reme weathe	er conditions l				firm?				
since 5/201		reme weaths	er conditions i				firm?				
	Did these <b>extr</b> Heavy rain	reme weaths	er conditions )				firm?				
Time span	Did these extra Heavy rain			Positive [1]	None [2]	Negative [3]					
	Did these <b>extr</b> Heavy rain	reme weathe	er conditions h				firm?	1999	2000		
Time span	Did these extra Heavy rain n of variable 1992	1993	1994	Positive [1]	None [2]	Negative [3]	1998		2000		
Time span	Did these extra Heavy rain			Positive [1]	None [2]	Negative [3]		1999 2009			
Time span	Did these extra Heavy rain n of variable 1992	1993	1994	Positive [1]	None [2]	Negative [3]	1998		2000		
Time span	Did these extra Heavy rain n of variable 1992	1993	1994	Positive [1]	None [2]	Negative [3]	1998	2009 2019	2000		
Time span 1991 2001	Did these extra Heavy rain n of variable 1992 2002	1993 2003	1994	Positive [1]	None [2]	Negative [3]	1998	2009	2000		
Time span 1991 2001	Did these extra Heavy rain n of variable 1992 2002	1993 2003	1994	Positive [1]	None [2]	Negative [3]	1998	2009 2019 WEST	2000		
Time span 1991 2001	Did these extra Heavy rain n of variable 1992 2002	1993 2003	1994	Positive [1]	None [2]	Negative [3]	1998	2009 2019 WEST EAST	2000		Survey frequency
Time span 1991 2001 2011	Did these extra Heavy rain n of variable 1992 2002 2012	1993 2003 2013	1994 2004 2014	Positive [1]	None [2]	Negative [3]	1998 2008 2018 Survey per	2009 2019 WEST EAST	2000		Survey frequency once
Time span 1991 2001 2011 No. 3.123)	Did these extra Heavy rain n of variable 1992 2002 2012 2012 Name dl_storm_in	1993 2003 2013	1994 2004 2014	Positive [1]	None [2]	Negative [3]	1998 2008 2018 Survey per	2009 2019 WEST EAST Od	2000		
Time span 1991 2001 2011 No. 3.123)	Did these extra Heavy rain n of variable 2002 2012 Name	1993 2003 2013	1994 2004 2014	Positive [1]	None [2]	Negative [3]	1998 2008 2018 Survey per	2009 2019 WEST EAST Od	2000		
Time span 1991 2001 2011 No. 3.123)	Did these extra Heavy rain n of variable 1992 2002 2012 Name dl_storm_in of question	1993 2003 2013	1994 2004 2014	Positive [1]	None [2]	Negative [3]	1998 2008 2018 Survey per	2009 2019 WEST EAST Od	2000	Further information only online	
Time span 1991 2001 2011 No. 3.123) Wording o	Did these extra Heavy rain n of variable 1992 2002 2012 Name dl_storm_in of question	1993 2003 2013	1994 2004 2014 Label	Positive [1]	None [2] 1996 2006 2016 Dact: storms	Negative [3]	1998 2008 2018 Survey per	2009 2019 WEST EAST Od	2000		
Time span 1991 2001 2011 No. 3.123) Wording o	Did these extra Heavy rain n of variable 1992 2002 2012 Name dl_storm_in of question	1993 2003 2013	1994 2004 2014 Label	Positive [1] 1995 2005 2015 2015 weather - imp	None [2]           1996           2006           2016           oact: storms           con the value is	Negative [3]	1998 2008 2018 Survey per	2009 2019 WEST EAST Od	2000		
Time span 1991 2001 2011 No. 3.123) Wording o	Did these extra Heavy rain n of variable 1992 2002 2012 Name dl_storm_in of question	1993 2003 2013 mp	1994 2004 2014 Label	Positive [1]	None [2] 1996 2006 2016 Dact: storms	Negative [3]	1998 2008 2018 Survey per	2009 2019 WEST EAST Od	2000		

	Time span	of variable								
ĺ	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	2020
									WEST EAST	

Note A isali <	No														
		Name		Label				Survey per	iod		Survey frequency				
An and a second probability of an and an ange of	3.124)	dl_heat_inc				idence and in	tensity:	West and	East 05/201	9	once				
and your set and a set and	Wording	of question													
Note: Some statute	since 5/201	19									Further information				
Image: set of sold			n expect any	change in the	frequency or i	ntensity of <b>ce</b>	rtain extreme	weather con	ditions?						
Image: set of sold						No change		1							
Time junctione 1892 1892 1893 1894 1895 1895 1895 1895 1897 1997					Increase [1]	[2]	Decrease [3]	-							
393       393       1394       <		Heatwaves						]							
101 102 <td>Time ene</td> <td>n of unrichio</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Time ene	n of unrichio													
201 202 203 204 205 205 204 203 203 204   100 Mare Lob Survey references Survey references Survey references Survey references   111 Gladd jet Total and			1993	1994	1995	1996	1997	1998	1999	2000					
201 202 203 204 205 205 204 203 203 204   100 Mare Lob Survey references Survey references Survey references Survey references   111 Gladd jet Total and															
No.       Late       Survey period       Survey period       Survey period       Survey period       Survey period         31.20       01 cold_int       in cold waves       in cold waves       in cold waves       in cold waves               in cold waves       in cold waves                 in cold waves         in cold waves        in cold waves        in cold waves <td>2001</td> <td>2002</td> <td>2003</td> <td>2004</td> <td>2005</td> <td>2006</td> <td>2007</td> <td>2008</td> <td>2009</td> <td>2010</td> <td></td>	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010					
No.       Late       Survey period       Survey period       Survey period       Survey period       Survey period         31.20       01 cold_int       in cold waves       in cold waves       in cold waves       in cold waves               in cold waves       in cold waves                 in cold waves         in cold waves        in cold waves        in cold waves <td></td>															
Nome Label Survey period Label   11.31) dl_cdd_pt_pt_c	2011	2012	2013	2014	2015	2016	2017	2018		2020					
al cold_in       where, indices and intensity       Weat and East 05/2019       once <td cols_pression<<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td>	<td></td>														
al cold_in       where, indices and intensity       Weat and East 05/2019       once <td cols_pression<<="" td=""><td>No</td><td>Name</td><td></td><td>Label</td><td></td><td></td><td></td><td>Suprov</td><td>iod</td><td></td><td>Current formation</td></td>	<td>No</td> <td>Name</td> <td></td> <td>Label</td> <td></td> <td></td> <td></td> <td>Suprov</td> <td>iod</td> <td></td> <td>Current formation</td>	No	Name		Label				Suprov	iod		Current formation			
Name         Jose         Jose         Jose         Jose         Description         Internation           2001         2002         2003         2004         2015         2006         2007         2008         2009				Lanel											
Interstand         Interstand <th colspan="4" interstand<="" td=""><td>3.125)</td><td>dl_cold_inc</td><td></td><td></td><td></td><td>idence and in</td><td>tensity:</td><td>West and</td><td>East 05/201</td><td>9</td><td>once</td></th>	<td>3.125)</td> <td>dl_cold_inc</td> <td></td> <td></td> <td></td> <td>idence and in</td> <td>tensity:</td> <td>West and</td> <td>East 05/201</td> <td>9</td> <td>once</td>				3.125)	dl_cold_inc				idence and in	tensity:	West and	East 05/201	9	once
sine S2019       Does your firm expect any change in the frequency or intensity of cartain extreme weather conditions?       increase [1]       100 for firm expect any change in the frequency or intensity of cartain extreme weather conditions?         sine span of variable       increase [1]       109 for firm expect any change in the frequency or intensity of cartain extreme weather conditions?         1991       1992       1993       1994       1995       1997       1998       1999       2000         2001       2002       2003       2004       2005       2006       2007       2018       2020         2011       2012       2013       2014       2015       2016       2017       2018       2020       2020         2011       2012       2013       2014       2015       2016       2017       2018       2020       2020         2011       2012       2013       2016       2016       2017       2018       2020       2021       2020         1111       2012       2013       2016       2016       2017       2018       2020       2018       2020       2018       2020       2018       2020       2018       2020       2018       2019       2020       2019       2010       2011       2011	Wording	of question													
No.       No.       Survey frame processes 10         2011       2022       2033       2044       2015       2016       2017       2018       2010         2011       2012       2013       2014       2015       2016       2017       2018       2010         2011       2012       2013       2014       2015       2016       2017       2018       2010         No.       No. No. No. No. No. No. No. No. No. No.	since 5/20:	19													
Ime span of variable       Ime span of variable         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       2020         2011       2012       2013       2014       2015       2016       2019       2020       2020         No.       Name       Label       2019       2010       2020 <th></th> <th></th> <th></th> <th></th> <th>Increase [1]</th> <th></th> <th>Decrease [3]</th> <th>]</th> <th></th> <th></th> <th></th>					Increase [1]		Decrease [3]	]							
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       2020         2011       2012       2013       2014       2015       2016       2017       2018       2019       2020         Image: Superside Colspan="4">Survey period         No.       Name       Label       Survey period         Survey period       Survey period		Coldwaves						]							
2001       2002       2003       2004       2005       2006       2007       2008       2009       2010         2011       2012       2013       2014       2015       2016       2017       2018       2010         2011       2012       2013       2014       2015       2016       2010       2017         No.       Name       Label       2016       2017       2018       2019       2010         3.126)       dl_dfrought_inc       weather - incidence and intensity:       West and East 05/2019       once       once         Survey period       Survey period       once         Survey period       Survey frequency         Once         Survey frequency or intensity of certain extreme weather conditions?         prought       increase [1]       10 change       Decrease [3]       only online         Survey frequency or intensity of certain extreme weather conditions?         increase [1]       10 change       Decrease [3]       only online         Survey frequency         Survey frequency         Only online	Time spa	n of variable													
2011       2012       2013       2014       2015       2016       2017       2018       2019       2020         No.       Norw       Label       Survey period       Survey period       Survey frequency         3.126)       d_drought_inc       weather -incidence and linessity:       West and Exposition       Survey period       once         Survey frequency         Increase [1]       No change       percease [3]         Increase [1]       No       percease [3]       percease [3]       per	1991	1992													
2011       2012       2013       2014       2015       2016       2017       2018       2019       2020         WEST         3.126)       0       d_drought_inc       wather - incidence and intensity: drought       West and Eos/2019       once         Survey period       Survey frequency         Once         Survey frequency         and intensity:       West and Eos/2019       once         Once         Survey frequency or intensity of create [3]         prought       increase [1]       No change       percease [3]       once         Once			1993	1994	1995	1996	1997	1998	1999	2000					
No.         Name         Label         Survey period         Survey frequency           3.126)         dl_drought_inc         weather - incidence and intensity: drought         West and East 05/2019         once           Survey frequency			1993	1994	1995	1996	1997	1998	1999	2000					
No.         Name         Label         Survey period         Survey frequency           3.126)         dl_drought_inc         weather - incidence and intensity: drought         West and East 05/2019         once           Survey frequency	2001	2002													
No.     Name     Label     Survey period     Survey frequency       3.126)     d_drought_inc     weather - incidence and intensity: drought     West and East 05/2019     once       Wording of question     since 5/2019       Further information only online       Does your firm expect any change in the frequency or intensity of certain extreme weather conditions?         Increase [1]     No change [2]     Decrease [3]        Drought     Increase [1]     No change [2]     Decrease [3]       Time span of variable     Inspan of variable     Inspan of variable       1991     1992     1993     1994     1995     1996     1997     1998     1999     2000			2003	2004	2005	2006	2007	2008	2009	2010					
3.126)       dl_drought_inc       weather - incidence and intensity: drought       West and East 05/2019       once         Since 5/2019       since s/2019       Further information only online       only online         Does your firm expect any change in the frequency or intensity of certain extreme weather conditions?       Further information only online       only online         Time span of variable       Increase [1]       No change       Descrease [3]       Descrease [3]       Descrease [3]         1991       1992       1993       1994       1995       1997       1998       1999       2000			2003	2004	2005	2006	2007	2008	2009 2019 WEST	2010					
drought       Further information         since 5/2019       Does your firm expect any change in the frequency or intensity of certain extreme weather conditions?       Further information         increase [1]       No change       Decrease [3]         Drought       increase [1]       Decrease [3]         Time span of variable       1991       1992       1994       1995       1997       1998       1999       2000			2003	2004	2005	2006	2007	2008	2009 2019 WEST	2010					
Wording of question         Further information only online           Since 5/2019         Does your firm expect any change in the frequency or intensity of certain extreme weather conditions?         Further information only online           increase [1]         No change [2]         Decrease [3]           Drought         Increase [1]           Time span of variable         1991           1992         1993         1994         1995         1997         1998         1999         2000	2011	2012	2003 2013	2004 2014	2005	2006	2007	2008	2009 2019 WEST EAST	2010	Survey frequency				
Further information         Since 5/2019         Does your firm expect any change in the frequency or intensity of certain extreme weather conditions?         Increase [1]       No change [2]       Decrease [3]         Drought       Increase [1]       No change [2]       Decrease [3]         Time span of variable       Increase [1]       1995       1996       1997       1998       1999       2000	2011 No.	2012 Name	2003 2013	2004 2014	2005 2015 weather - Inc	2006	2007	2008 2018 Survey per	2009 2019 WEST EAST	2010					
Does your firm expect any change in the frequency or intensity of certain extreme weather conditions?         Increase [1]       No change Decrease [3]         Drought       Increase [1]       No change Decrease [3]         Drought       Increase [1]       No change Decrease [3]         Time span of variable       Increase [1]       1991       1992       1993       1994       1995       1997       1998       1999       2000	2011 No. 3.126)	2012 Name dl_drought_	2003 2013	2004 2014	2005 2015 weather - Inc	2006	2007	2008 2018 Survey per	2009 2019 WEST EAST	2010					
Drought     Image: Constraint of the span of variable       1991     1992     1993     1994     1995     1997     1998     1999     2000	2011 No. 3.126) Wording a	2012 Name dl_drought_ of question	2003 2013	2004 2014	2005 2015 weather - Inc	2006	2007	2008 2018 Survey per	2009 2019 WEST EAST	2010	once Further information				
Drought     Image: Constraint of the span of variable       1991     1992     1993     1994     1995     1997     1998     1999     2000	2011 No. 3.126) Wording a	2012 Name dl_drought_ of question	2003 2013	2004 2014 Label	2005 2015 weather - Inc drought	2006 2016	2007 2017 tensity:	2008 2018 Survey per	2009 2019 WEST EAST	2010	once Further information				
Time span of variable           1991         1992         1993         1995         1996         1997         1998         1999         2000	2011 No. 3.126) Wording a	2012 Name dl_drought_ of question	2003 2013	2004 2014 Label	2005 2015 weather - Inc drought	2006 2016 idence and in	2007 2017 tensity:	2008 2018 Survey per West and	2009 2019 WEST EAST	2010	once Further information				
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	2011 No. 3.126) Wording a	2012 Name dl_drought_ of question	2003 2013	2004 2014 Label	2005 2015 weather - Inc drought	2006 2016 idence and in ntensity of <b>ce</b>	2007 2017 tensity:	2008 2018 Survey per West and	2009 2019 WEST EAST	2010	once Further information				
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	2011 No. 3.126) Wording a	2012 Name dl_drought_ of question	2003 2013	2004 2014 Label	2005 2015 weather - Inc drought	2006 2016 idence and in ntensity of <b>ce</b>	2007 2017 tensity:	2008 2018 Survey per West and	2009 2019 WEST EAST	2010	once Further information				
	2011 No. 3.126) Wording	2012 Name dl_drought_ of question 19 Does your firm Drought	2003 2013	2004 2014 Label	2005 2015 weather - Inc drought	2006 2016 idence and in ntensity of <b>ce</b>	2007 2017 tensity:	2008 2018 Survey per West and	2009 2019 WEST EAST	2010	once Further information				
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	2011 No. 3.126) Wording J since 5/20: Time spa	2012 Name dl_drought_ of question 19 Does your firm Drought n of variable	2003 2013 inc	2004 2014 Label	2005 2015 frequency or in increase [1]	2006 2016 idence and in ntensity of ce [2]	2007 2017 tensity: rtain extreme Decrease [3]	2008 2018 Survey per West and	2009 2019 WEST EAST iod East 05/201: ditions?	2010	once Further information				
	2011 No. 3.126) Wording J since 5/20: Time spa	2012 Name dl_drought_ of question 19 Does your firm Drought n of variable	2003 2013 inc	2004 2014 Label	2005 2015 frequency or in increase [1]	2006 2016 idence and in ntensity of ce [2]	2007 2017 tensity: rtain extreme Decrease [3]	2008 2018 Survey per West and	2009 2019 WEST EAST iod East 05/201: ditions?	2010	once Further information				
	2011 No. 3.126) Wording since 5/20: Time spa 1991	2012 Name dl_drought_ of question 19 Does your firm Drought n of variable	2003 2013 inc n expect any ( 1993	2004 2014 Label change in the	2005 2015 (requency or i Increase [1]	2006 2016 idence and in ntensity of <b>ce</b> [2] 1996	2007 2017 tensity: Decrease [3] 1997	2008 2018 Survey per West and weather con	2009 2019 WEST EAST iod East 05/2012 ditions?	2010	once Further information				

2011		2013	2014	2015	2016	2017	2018 2019	2020	
	2012	2013	2014	2015	2010	2017	WEST	2020	
							EAST		
No.	Name		Label				Survey period		Survey frequency
3.127)	dl_rain_inc			weather - inc heavy rain	idence and in	tensity:	West and East 05/201	9	once
Wording of	fauestion			neavyrann					
									Further information
since 5/2019		m expect any	change in the	frequency or i	ntensity of <b>ce</b>	rtain extreme	weather conditions?		only online
							1		
				Increase [1]	No change [2]	Decrease [3]			
	Heavy rain								
Time span	of variable	1993	1994	1995	1996	1997	1998 1999	2000	-
1991	1992	1993	1554	1995	1990	1557	1556 1555	2000	
2001	2002	2003	2004	2005	2006	2007	2008 2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018 2019	2020	
							WEST EAST		
No.	Name		Label				Survey period		Survey frequency
3.128)	dl_storm_ir	าด		weather - inc storms	idence and in	tensity:	West and East 05/201	9	once
Wording of	f question								
-i <b>-</b> '									
since 5/2019	9								Further information only online
since 5/201!		m expect any	change in the	frequency or i	ntensity of <b>ce</b>	rtain extreme	weather conditions?		Further information only online
since 5/201!		m expect any	<b>change</b> in the	frequency or i	No change	rtain extreme Decrease [3]	weather conditions?		Eurther information only online
since 5/201!		m expect any	change in the		[		weather conditions?		Further information only online
since 5/201	Does your firr	m expect any	change in the		No change		weather conditions?		Further information only online
	Does your firr	m expect any	change in the		No change		weather conditions?		Further information only online
	Does your firr	m expect any	change in the		No change		weather conditions?	2000	Further information only online
Time span 1991	Does your firm Storms of variable 1992	1993	1994	Increase [1]	No change [2] 1996	Decrease [3]	1998 1999		Further information only online
Time span	Does your firm			Increase [1]	No change [2]	Decrease [3]		2000	Further information only online
Time span 1991 2001	Does your firr	1993 2003	1994	Increase [1]	No change [2] 1996 2006	Decrease [3]	1998 1999 2008 2009	2010	Further information only online
Time span 1991	Does your firm Storms of variable 1992	1993	1994	Increase [1]	No change [2] 1996	Decrease [3]	1998 1999 2008 2009 2018 2019 WEST		Further information only online
Time span 1991 2001	Does your firr	1993 2003	1994	Increase [1]	No change [2] 1996 2006	Decrease [3]	1998 1999 2008 2009 2018 2019	2010	Further information         only online
Time span 1991 2001	Does your firr	1993 2003	1994	Increase [1]	No change [2] 1996 2006	Decrease [3]	1998 1999 2008 2009 2018 2019 WEST	2010	Further information         only online             Image: Contract of the second secon
Time span 1991 2001 2011	Does your firr Storms of variable 1992 2002 2012	1993 2003 2013	1994 2004 2014	Increase [1]	No change [2] 1996 2006 2016	Decrease [3]	1998 1999 2008 2009 2018 2019 WEST EAST	2010	only online
Time span 1991 2001 2011 No.	Does your firr Storms of variable 1992 2002 2012 Name dl_heat_pre	1993 2003 2013	1994 2004 2014	Increase [1]	No change [2] 1996 2006 2016	Decrease [3]	1998 1999 2008 2009 2018 2019 WEST EAST Survey period	2010	only online
Time span 1991 2001 2011 No. 3.129) Wording of	Does your firr Storms of variable 1992 2002 2012 Name d_heat_pre f question	1993 2003 2013	1994 2004 2014	Increase [1]	No change [2] 1996 2006 2016	Decrease [3]	1998 1999 2008 2009 2018 2019 WEST EAST Survey period	2010	Inly online
Time span 1991 2001 2011 No. 3.129)	Does your firr Storms of variable 1992 2002 2012 2012 Name dl_heat_pro f question 9 Is your firm of	2003 2013 2013 2014	1994 2004 2014 Label	Increase [1] 1995 2005 2015 2015 weather - pre	No change [2] 1996 2006 2016 2016 pared: heatwo	Decrease [3]	1998 1999 2008 2009 2018 2019 WEST EAST Survey period	2010	only online
Time span 1991 2001 2011 No. 3.129) Wording of	Does your firs	2003 2013 2013 2014	1994 2004 2014 Label	Increase [1] 1995 2005 2015 2015 weather - pre	No change [2] 1996 2006 2016 2016 pared: heatwo	Decrease [3] 1997 2007 2017 3ves of extreme we measures)?	1998         1999           2008         2009           2018         2019           WEST         EAST           Survey period         West and East 05/201	2010	Inly online
Time span 1991 2001 2011 No. 3.129) Wording of	Does your firr Storms of variable 1992 2002 2012 2012 Name dl_heat_pro f question 9 Is your firm of	2003 2013 2013 2014	1994 2004 2014 Label	Increase [1] 1995 2005 2015 2015 weather - pre	No change [2] 1996 2006 2016 2016 pared: heatwo	Decrease [3] 1997 2007 2017 2017 aves of extreme we measures)? Not necessary	1998         1999           2008         2009           2018         2019           WEST         EAST           Survey period         West and East 05/201	2010	Inly online
Time span 1991 2001 2011 No. 3.129) Wording of	Does your firr Storms of variable 1992 2002 2012 2012 Name dl_heat_pro f question 9 Is your firm of	2003 2013 2013 2014	1994 2004 2014 Label	Increase [1]  1995 2005 2015 weather - pre ibly negative o hnical arrange	No change [2] 1996 2006 2016 2016 pared: heatw	Decrease [3] 1997 2007 2017 2017 aves of extreme we measures)? Not	1998         1999           2008         2009           2018         2019           WEST         EAST           Survey period         West and East 05/201	2010	Inly online
Time span 1991 2001 2011 No. 3.129) Wording of	Does your firr Storms of variable 1992 2002 2012 2012 Name dl_heat_pre f question 9 Is your firm of supplementar	2003 2013 2013 2014	1994 2004 2014 Label	Increase [1]  1995 2005 2015 weather - pre ibly negative o hnical arrange	No change [2] 1996 2006 2016 2016 pared: heatw	Decrease [3] 1997 2007 2017 2017 aves of extreme we measures)? Not necessary	1998         1999           2008         2009           2018         2019           WEST         EAST           Survey period         West and East 05/201	2010	Inly online
Time span 1991 2001 2011 3.129) Wording o since 5/2015	Does your firr Storms of variable 1992 2002 2012 2012 Name dl_heat_pre f question 9 Is your firm of supplementar	2003 2013 2013 2014	1994 2004 2014 Label	Increase [1]  1995 2005 2015 weather - pre ibly negative o hnical arrange	No change [2] 1996 2006 2016 2016 pared: heatw	Decrease [3] 1997 2007 2017 2017 aves of extreme we measures)? Not necessary	1998         1999           2008         2009           2018         2019           WEST         EAST           Survey period         West and East 05/201	2010	Inly online

1										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
								WEST EAST		
No.	Name		Label				Survey per	iod		Survey frequency
3.130)	dl_cold_pre	ер		weather - pro	epared: coldw	va ves	West and	East 05/2019	9	once
Wording o	of question									
										Further information
since 5/201		urrently prei	pared for poss	ibly negative	consequence	s of extreme we	eather conditi	ons (e.g., by		only online
	supplementa	ry insurance	s, reserves, tec	hnical arrang	gements, other	r measures)?				
				Yes [1]	No [2]	Not necessary	]			
	Coldwaves					[3]				
							]			
Time spar	n of variable									
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	2020	
								WEST EAST		
No.	Name		Label				Survey per	iod		Survey frequency
No. 3.131)	Name dl_drought	_prep	Label	weather - pre	epared: droug	ght		iod East 05/2019	9	Survey frequency once
3.131)		_prep	Label	weather - pre	epared: droug	ght			9	
3.131) Wording c	dl_drought	_prep	Label	weather - pre	epared: droug	ght				once Further information
3.131)	dl_drought of question 19 Is your firm o	currently prej	pared for poss	ibly negative	consequence	s of extreme we	West and	East 05/201		once
3.131) Wording c	dl_drought of question 19 Is your firm o	currently prej		ibly negative	consequence	s of extreme we	West and	East 05/201		once Further information
3.131) Wording c	dl_drought of question 19 Is your firm o	currently prej	pared for poss	ibly negative	consequence	s of extreme we r measures)? Not necessary	West and	East 05/201		once Further information
3.131) Wording c	dl_drought of question 19 Is your firm o	currently prej	pared for poss	ibly negative hnical arrang	consequence: gements, other	s of extreme we r measures)? Not	West and	East 05/201		once Further information
3.131) Wording c	dl_drought of question 19 Is your firm o supplementa	currently prej	pared for poss	ibly negative hnical arrang	consequence: gements, other	s of extreme we r measures)? Not necessary	West and	East 05/201		once Further information
3.131) Wording c	dl_drought of question 19 Is your firm o supplementa	currently prej	pared for poss	ibly negative hnical arrang	consequence: gements, other	s of extreme we r measures)? Not necessary	West and	East 05/201		once Further information
3.131) Wording c	dl_drought of question 19 Is your firm of supplementa	currently prej	pared for poss	ibly negative hnical arrang	consequence: gements, other	s of extreme we r measures)? Not necessary	West and	East 05/201		once Further information
3.131) Wording c since 5/201 Time spar	dl_drought of question 19 Is your firm of supplementa Drought	urrently prej	pared for poss s, reserves, tec	ibly negative hnical arrang Yes [1]	No [2]	s of extreme wu r measures)? Not necessary [3]	West and	East 05/2019		once Further information
3.131) Wording c since 5/201 Time spar	dl_drought of question 19 Is your firm of supplementa Drought	urrently prej	pared for poss s, reserves, tec	ibly negative hnical arrang Yes [1]	No [2]	s of extreme wu r measures)? Not necessary [3]	West and	East 05/2019		once Further information
3.131) Wording c since 5/201 Time spar	dl_drought of question 19 Is your firm of supplementa Drought n of variable 1992	purrently prej ry insurances	pared for poss s, reserves, tec	ibly negative hnical arrang Yes [1]	consequences gements, other No [2]	s of extreme w r measures)? Not necessary [3] 1997	West and eather conditi 1998	East 05/2019	2000	once Further information
3.131) Wording c since 5/201 Time spar	dl_drought of question 19 Is your firm of supplementa Drought n of variable 1992	purrently prej ry insurances	pared for poss s, reserves, tec	ibly negative hnical arrang Yes [1]	consequences gements, other No [2]	s of extreme w r measures)? Not necessary [3] 1997	West and eather conditi 1998	East 05/2019	2000	once Further information
3.131) Wording c since 5/201 Time spar 1991 2001	dl_drought of question 19 Is syour firm of supplementa Drought 1992 2002	urrently prej ry insurances 1993 2003	pared for poss s, reserves, tec 1994 2004	ibly negative hnical arrang Yes [1] 1995 2005	consequence gements, other No [2] 1996 2006	s of extreme w r measures)? Not necessary [3] 1997 2007	West and eather conditi 1998 2008	East 05/2019	2000	once Further information
3.131) Wording c since 5/201 Time spar 1991 2001 2011	dl_drought of question 19 Is your firm of supplementa 1992 2002 2012	urrently prej ry insurances 1993 2003	pared for poss s, reserves, tec 1994 2004 2014	ibly negative hnical arrang Yes [1] 1995 2005	consequence gements, other No [2] 1996 2006	s of extreme w r measures)? Not necessary [3] 1997 2007	West and eather conditi 1998 2008 2018	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST	2000	Further information only online
3.131) Wording c since 5/201 Time spar 1991 2001	di_drought of question 19 Is your firm of supplementa 1992 2002 2012 2012	2003 2013	pared for poss s, reserves, tec 1994 2004	ibly negative hnical arrang Yes [1] 1995 2005 2015	consequence gements, other No [2] 1996 2006 2016	s of extreme wir r measures)? Not necessary [3] 1997 2007 2017	West and eather conditi 1998 2008 2018 Survey per	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST iod	2000	once Further information
3.131) Wording c since 5/201 Time spar 1991 2001 2011	dl_drought of question 19 Is your firm of supplementa 1992 2002 2012	2003 2013	pared for poss s, reserves, tec 1994 2004 2014	ibly negative hnical arrang Yes [1] 1995 2005 2015	consequence gements, other No [2] 1996 2006	s of extreme wir r measures)? Not necessary [3] 1997 2007 2017	West and eather conditi 1998 2008 2018 Survey per	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST	2000	Further information only online
3.131) Wording c since 5/201 Time spare 1991 2001 2011 2011 2011 3.132)	di_drought of question 19 Is your firm of supplementa 1992 2002 2012 2012	2003 2013	pared for poss s, reserves, tec 1994 2004 2014	ibly negative hnical arrang Yes [1] 1995 2005 2015	consequence gements, other No [2] 1996 2006 2016	s of extreme wir r measures)? Not necessary [3] 1997 2007 2017	West and eather conditi 1998 2008 2018 Survey per	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST iod	2000	Further information         only online    Survey frequency
3.131) Wording c since 5/201 Time spare 1991 2001 2011 2011 2011 3.132)	di_drought of question is your firm of supplementa is your	2003 2013	pared for poss s, reserves, tec 1994 2004 2014	ibly negative hnical arrang Yes [1] 1995 2005 2015	consequence gements, other No [2] 1996 2006 2016	s of extreme wir r measures)? Not necessary [3] 1997 2007 2017	West and eather conditi 1998 2008 2018 Survey per	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST iod	2000	Further information         only online    Survey frequency
3.131) Wording c since 5/201 Time spare 2001 2011 2011 2011 3.132) Wording c	dl_drought of question ls is your firm of supplementa n of variable 1992 2002 2012 2012 2012 2012 2012 1992 2002 2012 1992 2002 2012 201	2003 2013 2013	pared for poss s, reserves, tec 1994 2004 2014 Label	ibly negative hnical arrang 1995 2005 2015 2015 weather - pro	consequence: rements, other No [2] 1996 2006 2016 2016 epared: Heavy	s of extreme wu r measures)? Not necessary [3] 1997 2007 2017 2017 2017 2017 s of extreme wu	West and eather conditi 1998 2008 2018 Survey per West and	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST iod East 05/2019	2000	Further information         only online         Survey frequency         once
3.131) Wording c since 5/201 Time spare 2001 2011 2011 2011 3.132) Wording c	dl_drought of question ls is your firm of supplementa n of variable 1992 2002 2012 2012 2012 2012 2012 1992 2002 2012 1992 2002 2012 201	2003 2013 2013	pared for poss , reserves, tec 1994 2004 2014 Label	ibly negative hnical arrang 1995 2005 2015 2015 weather - pro	consequence: rements, other No [2] 1996 2006 2016 2016 epared: Heavy	s of extreme we r measures)? Not a 1997 2007 2017 2017 2017 s of extreme we r measures)?	West and eather conditi 1998 2008 2018 Survey per West and	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST iod East 05/2019	2000	Further information         only online         Survey frequency         once
3.131) Wording c since 5/201 Time spare 2001 2011 2011 2011 3.132) Wording c	dl_drought of question ls is your firm of supplementa n of variable 1992 2002 2012 2012 2012 2012 2012 1992 2002 2012 1992 2002 2012 201	2003 2013 2013	pared for poss s, reserves, tec 1994 2004 2014 Label	ibly negative hnical arrang 1995 2005 2015 2015 weather - pro	consequence: rements, other No [2] 1996 2006 2016 2016 epared: Heavy	s of extreme we r measures)? Not [3] 1997 2007 2007 2017 2017 2017 2017 s of extreme we r measures)?	West and eather conditi 1998 2008 2018 Survey per West and	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST iod East 05/2019	2000	Further information         only online         Survey frequency         once
3.131) Wording c since 5/201 Time spare 2001 2011 2011 2011 3.132) Wording c	dl_drought of question ls is your firm of supplementa n of variable 1992 2002 2012 2012 2012 2012 2012 1992 2002 2012 1992 2002 2012 201	2003 2013 2013	pared for poss s, reserves, tec 1994 2004 2014 Label	ibly negative hnical arrang 1995 2005 2015 2015 weather - pro	consequence: ements, other 1996 2006 2016 epared: Heavy consequence: gements, other	s of extreme wir r measures)? Not necessary [3] 2007 2017 2017 2017 2017 2017 2017 2017	West and eather conditi 1998 2008 2018 Survey per West and	East 05/2019 ons (e.g., by 1999 2009 2019 WEST EAST iod East 05/2019	2000	Further information         only online         Survey frequency         once



Survey period

weather - prepared: storms 3.133) dl\_storm\_prep

West and East 05/2019

once

Wording of question

										Further information
since 5/2019	9									only online
	Is your firm c	urrently prep	ared for poss	bly negative of	onsequences	of extreme we	ather conditi	ons (e.g., by		
	supplementa									
						Not	1			
				Yes [1]	No [2]	necessary				
						[3]				
	Storms									
						1	1			
Time seen	of variable									
rime span	or variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	-
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	2020	
								WEST		
								EAST		

Survey frequency No. Name Label Survey period investment in Software/database last West and east since 11/2018 year dl\_invit\_lj 3.134) once

Wording of question

May 2019										Further information		
	Special questi		nts							20YY = previous year 20WW = preprevious year		
					Total inv	estments				e.g. if question was in 2019: 20YY=2018 and 20WW=2017		
					-Software/	Datenbases				3.21) dl_invest_lj		
					+	[1]				3.22) d_invco_lj 3.23) d_inveq_lj		
	Last year out	r investments 20W	were (20YY** W**)	compared to	=	[2]			3.24)	3.24) d_invest_dj 3.25) d_invcon_dj		
					-	[3]				3.26) d_inveq_dj 3.27) d_invest_nj		
					•					3.28) dl_invcon_nj 3.29) dl_inveq_nj		
Time snan	of variable									3.100) dl_invit_dj 3.101) dl_invit_nj Label in data set:		
										+ = increased [1]		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	= = not changed [2]		
										- = decreased [3]		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
									WEST EAST			

Survey frequency No. Name Label Survey period dl\_csal\_lq percentage change of sales in field xy - last quarter West and East since 01/2019 3.135) quarterly survey

#### Wording of question

							Further information				
si	nce 01/201	9									
в	what perce	entage did vo	ur sales chang	e in quartal "i'	**						Percentage change of sales in field XY - last quarter
						*"i" either denotes the previous quarter or the current quarter					
	chang	e by:		% (please ins	ert positive o						
	I don't k	now [3]		1							Example:
	TUOITER	10w [5]		J							If the question was posed at the beginning of the fourth quarter the the question refers to the previous third quarter. If it is posed at the end of the second
											quarter, it refers to the second quarter
т	imo coon d	of variable									
	ine span o										Further notes:
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	[1] = A value was stated
											[3] = "I don't know"was stated
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
										WEST	
										EAST	
											]

No.	Name	Label	Survey period	Survey frequency
3.136	dl_csal_lq_v	values: percentage change of sales in field xy - last	West and East since 01/2019	quarterly survey
		quarter		

Wording of question

Time span of variable

1980 1981 1982 1983 1984 1985

						Further information				
ince 01/201	9									Values: percentage change of sales in field XY - last quarter
By what perce	entage did you	ur sales chang	e in quartal "i'	•						varues, per centage change of sales in rield AT - last qualiter
		[	1			*"i" either denotes the previous quarter or the current quarter				
chang	ge by:		% (please ins	ert positive or	negative inte	gral numbers	)			Example:
										If the question was posed at the beginning of the fourth quarter the the question
ime span	of variable									refers to the previous third quarter. If it is posed at the end of the second quarter, it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
									_	
									WEST EAST	
										]

NU.	Name	Laber	Survey period	Survey nequency
3.137)	dl_csal_nqbc	best case//percentage change of sales in field xy -	West and East since 01/2019	quarterly survey
		next quarter		
Wording of	f question			
				Further information
since 01/201	19			
				Change of sales in field XY next quarter (best case)
By what perc	centage are your sales goi	ng to change in quarter "k"*?		
				*"k" either denotes the following quarter or the current quarter
best	case:	% (please insert positive or negative integral number	5) [1]	
				Example:
I don't	know [3]			If the question was posed at the end of the fourth quarter, the the question refers
				to the following first quarter. If it is posed at the beginning of the second quarter
				it refers to the second quarter

1987

1986

 Further notes:

 1988
 1989

 [1] = A value was stated

 [3] = "I don't know"was stated

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

No.	Name	Label	Survey period	Survey frequency
3.138)	dl_csal_nqbc_v	values: best case//percentage change of sales in field xy - next quarter	West and East since 01/2019	quarterly survey
Wording of	question			

since 01/201	9									Further information
311100 01/201										Denotion of values: Change of sales in field XY next quarter (best case)
By what perc	entage are yo	ur sales going	to change in q	uarter "k"*?						
hest	case:		% (please ins	ert positive o	negative inte	gral numbers	,			*"k" either denotes the following quarter or the current quarter
Dest	case.		Jo (prease ma	ert positive of	negative ma	gran numbers	,			Example:
										If the question was posed at the end of the fourth quarter, the the question refers
Time span	of variable									to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1992	1990	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
									WEST	
									EAST	

No. Name Label Survey period Survey frequency

3.139)	dl_csal_nqac	average case//percentage change of sales in field xy -	West and East since 01/2019	quarterly survey
		next quarter		
Wording o	f question			

							Further information			
since 01/201 By what perce		ur sales going	to change in q	uarter "k"*?						Change of sales in field XY next quarter (average case)
			L		*"k" either denotes the following quarter or the current quarter					
averag	e case:	<u> </u>	% (please ins	ert positive or	Example:					
I don't k	now [3]		]			If the question was posed at the end of the fourth quarter, the the question refers				
						to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter				
Time span	of variable									
<b>—</b>										Further notes:
1980	1981	1982	1983	1984	1985	1986	1987	1988		[1] = A value was stated [3] = "I don't know"was stated
										[5] = 1 don't know was stated
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2013	2014	2015	2010	2017	2018	2019	
									WEST	
									EAST	

No.	Name		Label				Survey peri	od		Survey frequency
.140)	dl_csal_nq	ac_v	values: avera field xy - nex	age case//pero	entage chang	e of sales in	West and East since 01/2019			quarterly survey
Vording	of question		field xy - flex	t quarter						
										Further information
ince 01/20	019									Denotion of values: Change of sales in field XY next quarter (average case)
y what pe	rcentage are yo	ur sales goin	g to change in o	quarter "k"*?						
aver	age case:		% (please ins	sert positive o	r negative inte	egral number	s)			*"k" either denotes the following quarter or the current quarter
										Example:
ime spa	n of variable									If the question was posed at the end of the fourth quarter, the the question refe to the following first quarter. If it is posed at the beginning of the second quart it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
									WEST	
									EAST	
No.	Name		Label				Survey peri	od		Survey frequency
.141)	dl_csal_nq	wc	worst case// next quarter	percentage ch	ange of sales	in field xy -	West and E	East since (	)1/2019	quarterly survey
Wording	of question		next quarter							
										Further information
since 01/20	019									Change of sales in field XY next quarter (worst case)
By what pe	rcentage are yo	ur sales goin	g to change in o	quarter "k"*?						
woi	rst case:		% (please ins	sert positive o	r negative inte	egral number	s) [1]			*"k" either denotes the following quarter or the current quarter
I don'	t know [3]									Example:
1 0011		L								If the question was posed at the end of the fourth quarter, the the question refe

to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Time span of variable Further notes: 1989 [1] = A value was stated [3] = "I don't know"was stated 2018 2019 WEST EAST

No.	Name	Label	Survey period	Survey frequency
3.142)	dl_csal_nqwc_v	values: worst case//percentage change of sales in	West and East since 01/2019	quarterly survey
Wording	of question	field xy - next quarter		
wording				
since 01/2	019			Further information
By what ne	ercentage are vour sales goin	g to change in quarter "k"*?		Denotion of values: Change of sales in field XY next quarter (worst case)
by marpe				*"k" either denotes the following quarter or the current quarter
WO	rst case:	% (please insert positive or negative integral number	·s)	Example:
				]

Time span of variable WEST

In the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter

No.	Name	Label	Survey period	Survey frequency
3.143)	dl_psalinc	probability of sales increase - next quarter	West and East since 01/2019	quarterly survey
Wording of	question			

Further information since 01/2019 Probability of sales increase next quarter How do you evaluate the probability that the sales in your field increase in quarter "k"\* \*"k" either denotes the following quarter or the current quarter probability is % (please enter integral numbers) [1] Example % and % (please enter integral numbers) [2] probability is between If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter I don't know [3] Further notes: Time span of variable [1] = A single value was stated [2] = range of values was stated [3] = "I don't know"was stated WEST

No.	Name	Label				Survey period			Survey frequency
3.144)	dl_psalinc_min	lower bou quarter	nd: probability c	of sales increa	se - next	West and E	ast since 0	1/2019	quarterly survey
Wording of	question								
since 01/201	9								Further information
How do vou e	valuate the probab	pility that the sales	n vour field incr	ease in quarte	r "k"*				Denoted lower bound: probability of sales increase next quarter
	probability is be		% and	·	1	nter integral nu	*"k" either denotes the following quarter or the curr er integral numbers)		
									Example:
Time span	of variable								If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
1980	1981 1	.982 1983	1984	1985	1986	1987	1988	1989	
									Further notes: The variable indicates the lower one of the two denoted values
1990	1991 1	992 1993	1994	1995	1996	1997	1998	1999	
2000	2001 2	2002 2003	2004	2005	2006	2007	2008	2009	

2010	2011	2012	2013	2014	2015	2016	2017	2019 WEST EAST

No.	Name		Label			Survey period			Survey frequency			
3.145)	dl_psalinc_	max	upper bound: quarter	probability o	f sales increa	se - next	West and E	ast since (	01/2019	quarterly survey		
Wording of	of question											
since 01/20	019									Further information		
How do you	ı evaluate the pı	obability tha	it the sales in y	our field incre	ase in quarte	r "k"*				Denoted upper bound: probability of sales increase next quarter		
		is between		% and		,	ter integral nu	mbors)		*"k" either denotes the following quarter or the current quarter		
	probability	is between		76 anu		1% (prease en	iter megrar nu	mbersy		Example:		
										If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter		
Time spar	n of variable									it refers to the second quarter		
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further notes:		
										Further notes: The variable indicates the higher one of the two denoted values		
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999			
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
									WEST			
									EAST			

 
 No.
 Name
 Label
 Survey period
 Survey frequency

 3.146)
 dl\_psalinc\_sv
 single value: probability of sales increase - next quarter
 West and East since 01/2019
 quarterly survey

										Further information
since 01/20	19									
How do you	evaluate the n	robability th	at the sales in y	our field incr	ase in quarte	r "b"*				Single value: probability of sales increase next quarter
How do you	evaluate the p	robability th	at the sales in y		ease in quarte	IK				*"k" either denotes the following quarter or the current quarter
	1	probability is	s	% (please en	ter integral nu	imbers)				
										Example:
										If the question was posed at the end of the fourth quarter, the the question
Time span	of variable					to the following first quarter. If it is posed at the beginning of the second of it refers to the second quarter				
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further notes:
										If only one value is inserted it is contained within this variable
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	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	2015	2014	2015	2010	2017	2010	2015	
									WEST	
									EAST	
Ne	Nome		Label				C	a d		Current fragments
No.	Name		Label				Survey peri	od		Survey frequency

How do you	evaluate the p	robability of s	teady sales in	your field in q						
		probability is		% (please ent	er integral nu	mbers) [1]				*"k" either denotes the following quarter or the current quarter
	,	5100801110913		No (prease ent						Example:
	probabilit	y is between		% and			If the question was posed at the end of the fourth quarter, the the question refers			
	I don	't know [3]		]		to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter				
										Further notes:
Time span	of variable									[1] = A value was stated
										[2] = range of values was stated
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	[3] = "I don't know"was stated
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2005	2004	2005	2000	2007	2000	2005	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
									WEST	
									EAST	

No.	Name	Label	Survey period	Survey frequency
3.148)	dl_psalstead_min	lower bound: probability of steady sales - next quarter	West and East since 01/2019	quarterly survey

Wording of question

										Further information
since 01/20	19									
How do you	evaluate the p	robability of s	teady sales in	your field in c	juarter "k"*?					Denoted lower bound: Probability of steady sales next quarter
				1						*"k" either denotes the following quarter or the current quarter
	probabilit	y is between		% and	L	% (please ent	er integral nu	mbers)		Example:
										If the question was posed at the end of the fourth quarter, the the question refers
Time span	of variable									to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further notes:
										The variable indicates the lower one of the two denoted values
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2005	2004	2005	2000	2007	2000	2005	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
									WEST	
									EAST	
L										

 
 No.
 Name
 Label
 Survey period
 Survey frequency

 3.149)
 dl\_psalstead\_max
 upper bound: probability of steady sales - next quarter
 West and East since 01/2019
 quarterly survey

										Further information
since 01/201		robability of c	toody color in	your field in a	uartar "k"*3					Denoted upper bound: Probability of steady sales next quarter
now uo you e		y is between		]% and		% (please ent	er integral nu	umbers)		*"k" either denotes the following quarter or the current quarter
										Example:
										If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter
Time span	of variable									it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further notes:
										The variable indicates the higher one of the two denoted values
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	

2	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
3	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
										WEST EAST
										EAST

 
 No.
 Name
 Label
 Survey period
 Survey frequency

 3.150)
 dl\_psalstead\_sv
 single value: probability of steady sales - next quarter
 West and East since 01/2019
 quarterly survey

Wording of question

										Further information
nce 01/201		rohahility of s	teady sales in	vour field in a	uarter "k"*?					Single value: Probability of steady sales next quarter
uo jou o		probability is	-	% (please ent		mbers)				*"k" either denotes the following quarter or the current quarter
										Example:
ime span	of variable		I							If the question was posed at the end of the fourth quarter, the the question ref to the following first quarter. If it is posed at the beginning of the second quar it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
										Further notes:
										If only one value is inserted it is contained within this variable
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2015	2014	2015	2010	2517	2010		
									WEST	
									EAST	

 No.
 Name
 Label
 Survey period
 Survey frequency

 3.151)
 dl\_psaldec
 probability of sales decrease - next quarter
 West and East since 01/2019
 quarterly survey

since 01/201	0									Further information
										Probability of sales decrease next quarter
How do you e	evaluate the p	robability that	t your sales de	crease in qua	ter "k"*					*"k" either denotes the following quarter or the current quarter
	F	probability is		% (please ent	er integral nu	mbers) [1]				Example:
	probabilit	y is between		% and		% (please ent	er integral nu	mbers) [2]		If the question was posed at the end of the fourth quarter, the the question refers
	I don	't know [3]		]						to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
Time span	ofvariable									Further notes: [1] = A value was stated
Time span										[1] = A value was stated [2] = range of values was stated
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	[3] = "I don't know"was stated
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2015	2014	2015	2010	2017	2018	2019	
									WEST	
									EAST	

No.	Name		Label				Survey peri	iod		Survey frequency
3.152)	dl_psaldec	_min	lower bound: quarter	probability	of sales decre	ase - next	West and I	East since (	01/2019	quarterly survey
Wording o	f question		4							
										Further information
since 01/20	19									Denoted lower bound: Probability of sales decrease next quarter
How do you	evaluate the p	robability tha	at your sales de	crease in qua	arter "k"*					
	probabilit	y is between		% and		% (please er	ter integral nu	imbers)		*"k" either denotes the following quarter or the current quarter
										Example: If the question was posed at the end of the fourth quarter, the the question refers
Time span	of variable									to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1580	1501	1562	1565	1504	1565	1500	1507	1566	1985	Further notes:
										The variable indicates the lower one of the two denoted values
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
									WEST	
									EAST	
No.	Name		Label				Survey peri	iod		Survey frequency
3.153)	dl_psaldec	_max	upper bound quarter	probability	of sales decre	ase - next	West and I	East since (	01/2019	quarterly survey
Wording o	f question									
										Further information
since 01/20										
	19									Denoted upper bound: Probability of sales decrease next quarter
	evaluate the p	robability tha	at your sales de	crease in qua	arter "k"*					Denoted upper bound: Probability of sales decrease next quarter
	evaluate the p	<b>robability th</b> a y is between		crease in qua	arter "k"*	% (please er	iter integral nu	imbers)		Denoted upper bound: Probability of sales decrease next quarter *"k" either denotes the following quarter or the current quarter
	evaluate the p			1	arter "k"*	]% (please er	ter integral nu	imbers)		Denoted upper bound: Probability of sales decrease next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers
How do you	evaluate the p			1	arter "k"*	]% (please er	ter integral nu	imbers)		Denoted upper bound: Probability of sales decrease next quarter *"k" either denotes the following quarter or the current quarter Example:
How do you	evaluate the p			1	arter "k"*	]% (please er 1986	ter integral nu 1987	imbers)	1989	Denoted upper bound: Probability of sales decrease next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter
How do you Time span	evaluate the p probability of variable	y is between		% and					1989	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span	evaluate the p probability of variable	y is between		% and					1989	Denoted upper bound: Probability of sales decrease next quarter *"k" either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter
How do you Time span	evaluate the p probability of variable	y is between		% and					1989	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span 1980	evaluate the p probability of variable	y is between	1983	% and	1985	1986	1987	1988		Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span 1980	evaluate the p probability of variable	y is between	1983	% and	1985	1986	1987	1988		Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span 1980	evaluate the p probability of variable	y is between	1983	% and	1985	1986	1987	1988		Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span 1980 1990	evaluate the p probabilit of variable 1981	y is between 1982 1992	1983	% and	1985	1986 1996	1987 1997	1988 1998	1999	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span 1980	evaluate the p probabilit of variable 1981	y is between 1982 1992	1983	% and	1985	1986 1996	1987 1997	1988 1998	1999	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span 1980 1990	evaluate the p probabilit of variable 1981	y is between 1982 1992	1983	% and	1985	1986 1996	1987 1997	1988 1998	1999	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span 1980 1990	evaluate the p probabiliti of variable 1981 1991 2001	y is between 1982 1992 2002	1983	% and 1984 1994 2004	1985	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009 2019 WEST	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
How do you Time span 1980 2000	evaluate the p probabiliti of variable 1981 1991 2001	y is between 1982 1992 2002	1983	% and 1984 1994 2004	1985	1986 1996 2006	1987 1997 2007	1988 1998 2008	1999 2009 2019	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter it refers to the second quarter Further notes:
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How do you Time span 1980 2000 2010 2010 No. 3.154)	evaluate the p probabilit 1981 1991 2001 2001 2011 2011 dl_psaldec, f question	y is between 1982 1992 2002 2012	1983 1993 2003 2013 2013 Label	% and 1984 1994 2004 2014	1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017	1988 1998 2008 2018	1999 2009 2019 WEST EAST	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter If the account quarter Further notes: The variable indicates the higher one of the two denoted values  Survey frequency Quarterly survey  Further information
How do you Time span 1980 2000 2010 No. 3.154) Wording o since 01/20	evaluate the p probabilit 1981 1991 2001 2001 2011 2011 dl_psaldec, f question	y is between 1982 1992 2002 2012 2012 2012	1983 1993 2003 2013 2013 2013 2013 2013	% and 1984 1994 2004 2014 2014	1985 1995 2005 2015	1986 1996 2006 2016	1987 1997 2007 2017	1988 1998 2008 2018	1999 2009 2019 WEST EAST	Denoted upper bound: Probability of sales decrease next quarter **K* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter Further notes: The variable indicates the higher one of the two denoted values  Survey frequency Quarterly survey  Further information Single value: Probability of sales decrease next quarter
How do you Time span 1980 2000 2010 No. 3.154) Wording o since 01/20	evaluate the p probabilit 1981 1991 2001 2001 2011 2011 2011 199 dL_psaldec, f question	y is between 1982 1992 2002 2012 2012 2012	1983 1993 2003 2013 2013 single value: quarter	%         and           1984	1985 1995 2005 2015	1986 1996 2006 2016 388 - next	1987 1997 2007 2017	1988 1998 2008 2018	1999 2009 2019 WEST EAST	Denoted upper bound: Probability of sales decrease next quarter **k* either denotes the following quarter or the current quarter Example: If the question was posed at the end of the fourth quarter, the the question refers to the following first quarter. If it is posed at the beginning of the second quarter If the account quarter Further notes: The variable indicates the higher one of the two denoted values  Survey frequency Quarterly survey  Further information
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1988 1989

Further notes:

<u>1980</u> <u>1981</u> <u>1982</u> <u>1983</u> <u>1984</u> <u>1985</u> <u>1986</u> <u>1987</u>

										If only one value is inserted it is contained within this variable
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
									WEST	
									EAST	