

List of Variables

Business Survey Service Sector

Data: 10/2004-12/2015

As of August 2016

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LMU-ifo Economics & Business Data Center (EBDC)

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1. Variables of identification

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

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

2. Standard questions

No.	Name	Label	German description
2.1)	dl_statebus	state of business (appraisal)	Beurteilung der Geschäftslage
2.2)	dl_busvolqu	business volume last 3 months	Entwicklung der Geschäftslage in den letzten 3 Monaten
2.3)	dl_demandsales	demand / sales volume last 2-3 months	Entwicklung der Nachfrage/des Umsatz in den letzten 2-3 Monaten
2.4)	dl_demandlast	demand / sales last month versus same month of previous year	Entwicklung von Nachfrage/Umsatz im letzten Monat ggü. Vorjahresmonat
2.5)	dl_orders	orders (appraisal)	Beurteilung des Auftragsbestandes
2.6)	dl_employlast	employees last 2-3 months	Entwicklung der Beschäftigtenzahl in den letzten 2-3 Monaten
2.7)	dl_demandexp	expected demand / sales volume for the next 2-3 months	Erwartete Entwicklung von Nachfrage/Umsatz in den nächsten 2-3 Monaten
2.8)	dl_employexp	expected employees for the next 2-3 months	Erwartete Entwicklung der Beschäftigtenzahl
2.9)	dl_expectbus	expected business situation for the next 6 months	Erwartete Geschäftsentwicklung in den nächsten 6 Monaten
2.10)	dl_pricenext	prices for the next 3 months	Erwartete Preisentwicklung in den nächsten 3 Monaten

3. Special questions

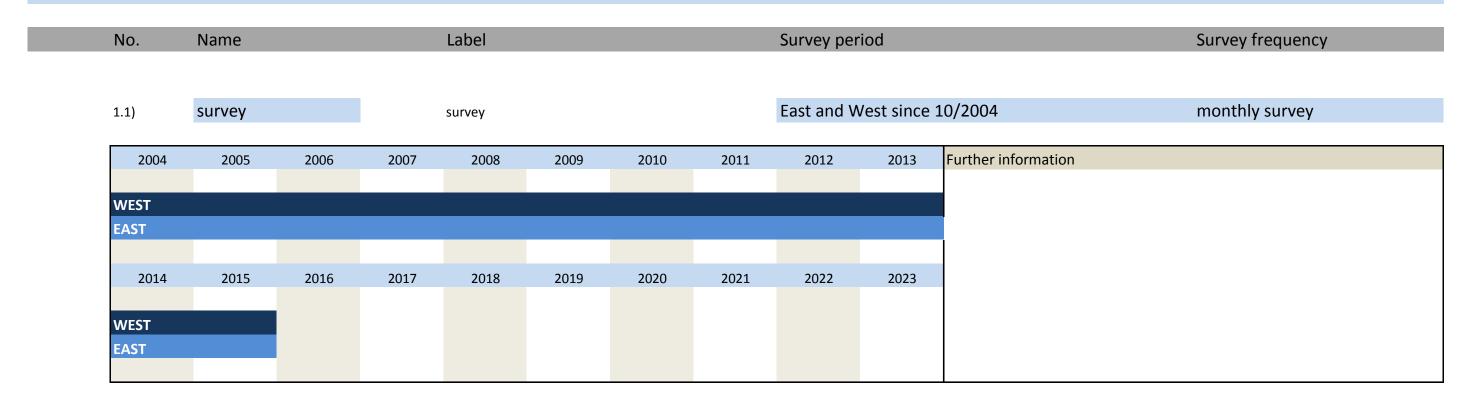
No.	Name	Label	German description
3.1)	dl_constrbus	constraints to business activity	Behinderung der Geschäftstätigkeit
3.2)	dl_lackdem	constaints by lack of demand	Behinderung der Geschäftstätigkeit durch unzureichende Nachfrage
3.3)	dl_mplack	constaints by lack of skilled labour	Behinderung der Geschäftstätigkeit durch Mangel an Arbeitskräften
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_othrea	constaints by other reasons	Behinderung der Geschäftstätigkeit durch andere Ursachen
3.9)	dl_kap1	potential of existing capacity	Potential der vorhandenen Kapazitäten
3.10)	dl_kap2	potential capacity expantion in %	Potential der vorhandenen Kapazitäten in %
3.11)	dl_fambus	family business	Familienunternehemen
3.12)	dl_minim1	minimum wage q1	Mindestlohn Frage 1
3.13)	dl_minim2	minimum wage q2	Mindestlohn Frage 2
3.14)	dl_minim3	minimum wage q3	Mindestlohn Frage 3
3.15)	dl_minim4	minimum wage q4	Mindestlohn Frage 4
3.16)	dl_minim5	minimum wage q5	Mindestlohn Frage 5
3.17)	dl_minim6	minimum wage q6	Mindestlohn Frage 6
3.18)	dl_minim7	minimum wage q7	Mindestlohn Frage 7
3.19)	dl_minim8	minimum wage q8	Mindestlohn Frage 8
3.20)	dl_invest_lj	total investment last year	Entwicklung der Investititonen letztes Jahr
3.21)	dl_invcon_lj	investment in construction last year	Investitionen in Bauten letztes jahr
3.21)	dl_inveq_lj	investment in equipment last year	Investitionen in Ausrüstung letztes Jahr
3.23)	dl_invest_dj	total investment this year	Gesamtinvestitionen dieses Jahr
3.24)	dl_invcon_dj	investment in construction this year	Investitionen in Bauten dieses Jahr
3.25)	dl_inveq_dj	investment in equipment this year	Investitionen in Ausrüstung dieses Jahr



3.26)	dl_invest_nj	total investment next year	Investitionen im kommenden Jahr, insgesamt
3.27)	dl_invcon_nj	investment in construction next year	Investititonen im kommenden Jahr, Bauten
3.28)	dl_inveq_nj	investment in equipment next year	Investitionen im kommenden Jahr, Ausrüstung
3.29)	dl_ref1	refugees question 1	Flüchtlinge Frage 1
3.30)	dl_ref2	refugees question 2	Flüchtlinge Frage 2
3.31)	dl_ref3	refugees question 3	Flüchtlinge Frage 3
3.32)	dl_ref4	refugees question 4	Flüchtlinge Frage 4
3.33)	dl_ref5	refugees question 5	Flüchtlinge Frage 5
3.34)	dl_ref6	refugees question 6	Flüchtlinge Frage 6
3.35)	dl_ref7	refugees question 7	Flüchtlinge Frage 7
3.36)	dl_ref8	refugees question 8	Flüchtlinge Frage 8
3.37)	dl_ref9	refugees question 9	Flüchtlinge Frage 9



1. Variables of identification



No.	Name			Label					iod		Survey frequency
1.2)	year			year				East and W	/est since :	10/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST										Year of survey	
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

No.	Name			Label				Survey pe	riod		Survey frequency
1.3)	month	month						East and West since 10/2004			monthly survey
										market for a state	
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	

V	VEST									
E.	AST									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
V	VEST									
E.	AST									

No.	Name			Label					iod		Survey frequency	
1.4)	idnum firm X adress file id							East and West since 10/2004 monthly survey				
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information		
WEST										Firm X adress file id		
EAST												
										7 digits		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023			
WEST												
EAST												



No.	Name			Label					iod		Survey frequency
1.5)	runnum			running numb	per 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	2045	204.6	2047	2040	2040	2020	2024	2022	2022		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

No.	Name			Label				Survey pe	riod		Survey frequency
1.6)	dl_plantnu	Im		KT informatio	n id			East and V	Vest since 2	monthly survey	
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST										KT information id, 12 digits, crea	ted with DL-branch number
EAST											
										digit 1-5: 1.5) sec	Economic sector
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
										digit 6-7: 1.15) fedstaifo	federal state according to ifo code
WEST											
EAST										digit 8-12: 1.11) runnum	running firm number

No.	Name		Label					riod		Survey frequency	
								-			
1.7)	sector_id			sector id				East and V	Vest since 2	10/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST											
FAST											

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

No.	Name			Label				Survey per	iod		Survey frequency
1.8)	fedstaifo			federal state ((ifo-code)			East and W	/est since	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"
										3 "[03] Hamburg"	11 "[11] Saarland"
WEST										4 "[04] Bremen"	12 "[12] Mecklenburg-Western-Pomerani
EAST										5 "[05] Lower Saxony"	13 "[13] Brandenburg (incl. Berlin East)"
										6 "[06] Nordrhine-Westphalia"	14 "[14] Saxony-Anhalt"
										7 "[07] Rhineland-Palatinate"	15 "[15] Saxony"
										8 "[08] Hesse"	16 "[16] Thuringia"

No.	Name			Label				Survey per	iod	Survey frequency
1.9)	sector_wz0)3		wz03 sector c	lassification			East and W	/est 10/20	04 to 03/2011 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
WEST										Sector according to WZ03
EAST										In January 2005 the WZ08 is used for the sector.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	See 1.4) sector_wz08

No.	Name	Label	Survey period	Survey frequency
1.10)	sector_wz08	wz08 sector classification	East and West 01/2005	once
			East and West since 04/2011	monthly survey



2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									Sector according to WZ08
	EAST									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No. Name	Label	Survey period	Survey frequency

1.11)	sector_total	ebdc sector classification
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East and West since 10/2004

monthly

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
NEST										Sector according to the EBDC
AST										
										[1] agriculture, hunting and related activities
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	[5] mining
2011	2010	2010	2017	2010	2013	2020	2021	2022	2023	[10] publishing industry, printing industry, reproduction of recorded
VEST										sound, image and data storage media
AST										[25] repair and instalation of machines and equipment
										[26] recycling
										[27] energy and water supply
										[28] effluent, waste and other disposal
										[29] construction industry
										[30] vehicle trade, maintenance and repair of vehicles, gas stations
										[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; cinemas;
										recording studios and music publishing
										[37] broadcasting; telecommunications; information and information
										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 activities
										[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 services)
										[55] advocacy, church and other associations (without social services,
										culture and sports)
										[56] repair of dataprocessing devices and goods
										[57] other services
										[60] exterritorial organisations and entities;

No.	Name	Label	Survey period	Survey frequency

1.12)	dl_size			size range				East and W	/est since	04/2011 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
							WEST			Size range
							EAST			Size range
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										

No.	Name			Label				Survey per	iod		Survey frequency
4.42)	ciza turno							Fact and M	last since (1/2010	monthly survey
1.13)	size_turnov	ver		size of turnov	er			East and W	vest since t)1/2010	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
						WEST				Size of turnover	
						EAST					



2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

		No.	Name	Label	Survey period	Survey frequency
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1.14)	size_empl			size of employ	yees			East and W	est since	05/2012 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
								WEST EAST		Size of employees
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										

		No.	Name	Label	Survey period	Survey frequency
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1.15)	online			online				East and W	lest since	10/2004 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 [4] pdf-mail
WEST EAST										[5] manually collected

No.	Name	Label	Survey period	Survey frequency

1.16)	survey_sta	art		survey_start				East and W	Vest since	02/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									Start of survey
	EAST									Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

	No.	Name	Label	Survey period	Survey frequency
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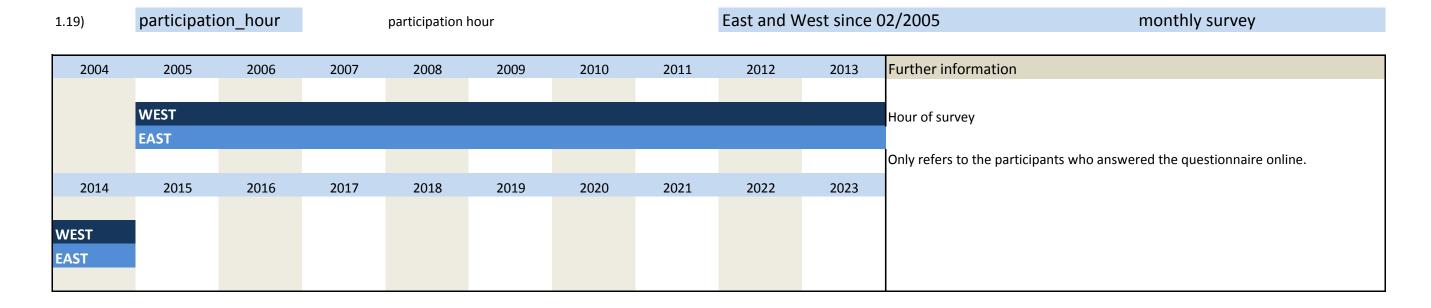
1.17)	survey_en	d		survey_end				East and W	lest since	02/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									End of survey
	EAST									
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency

1.18)	participatio	on_date		participation	date			East and W	lest since	02/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									Date of survey
	EAST									
										Only refers to the participants who answered the questionnaire online.
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency





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

	2. Standard questions			
No.	Name	Label	Survey period	Survey frequency
2.1)	dl_statebus	state of business (appraisal)	East and West since 10/2004	monthly survey

Wording of question

since 10/2004	4									Further information
	Information a	ibout your ow	n company (d	omestic)	Appraisal of the state of business					
	Current situat	ion (appraisal	and developm							
					good	d [1]				
	1. We eval	luate our state	e of business cu	urrently as	satisfia	ble [2]				
					bac	[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	Survey frequency
2.2)	dl_busvolqu	business volume last 3 months	East and West since 10/2004	monthly survey

since 10/2004			Further information
Information about your own company (domestic)			Development of the business volume during the last 3 months
Current situation (appraisal and development)			
	increased [1]		
2. During the last 3 months our business volume has	not changed [2]		
	decreased [3]		



2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
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
2.3)	dl_demandsales	demand / sales volume last 2-3 months	East and West since 10/2004	monthly survey

										Further information
	Information	about your ow	vn company (c	lomestic)						Development of demand/sales volume during the last 2-3 months
	Current situat	tion (appraisal	and developn	nent)						*Incl. Foreign demand/ sales volume
	[1		
	3a. During t	he last 2-3 mo	onths the dem	and* for our		ised [1]		-		
		rvices or our s			not cha	not changed [2]				
					decrea	ased [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
	Hume								100	
2.4)	dl_deman	dlast				versus same m	nonth of	East and W	Vest since 1	10/2004 monthly survey
Wording	of question			previous year	r					
von 10/2004	4 bis 04/2009									Further information
von 10/2004		-	vn company (c	lomestic)						
von 10/2004	4 bis 04/2009	about your ow								
von 10/2004	4 bis 04/2009 Information a	about your ow			increa	sed [1]				demand/ sales volume last month versus same month of previous year
von 10/2004	4 bis 04/2009 Information a Current situal 3b. Compa	about your ow tion (appraisal ared to the sar	and developn	nent) ast year our		used [1]				demand/ sales volume last month versus same month of previous year
von 10/2004	4 bis 04/2009 Information a Current situal 3b. Compa	about your ow tion (appraisal	and developn	nent) ast year our	not cha					demand/ sales volume last month versus same month of previous year
	4 bis 04/2009 Information a Current situat 3b. Compa demand	about your ow tion (appraisal ared to the sar	and developn	nent) ast year our	not cha	inged [2]				demand/ sales volume last month versus same month of previous year
von 10/2004 since 05/200	4 bis 04/2009 Information a Current situat 3b. Compa demand	about your ow tion (appraisal ared to the sar	and developn	nent) ast year our	not cha	inged [2]				demand/ sales volume last month versus same month of previous year
	4 bis 04/2009 Information a Current situat 3b. Compa demand	about your ow tion (appraisal ared to the sar I* or sales volu	and developn	nent) ast year our ionth has	not cha	inged [2]				demand/ sales volume last month versus same month of previous year
	4 bis 04/2009 Information a Current situat 3b. Compa demand	about your ow tion (appraisal ared to the sar 1* or sales volu about your ow	and developn ne month of la ume [] last m	nent) ast year our oonth has	not cha	inged [2]				demand/ sales volume last month versus same month of previous year
	4 bis 04/2009 Information a Current situal 3b. Compa demand	about your ow tion (appraisal ared to the sar 1* or sales volu about your ow	and developn ne month of la ume [] last m	nent) ast year our oonth has	not cha decrea	inged [2]				demand/ sales volume last month versus same month of previous year
	4 bis 04/2009 Information a Current situat 3b. Compa demand 09 Information a Current situat 3b. Compa	about your ow tion (appraisal ared to the sar 1* or sales volu about your ow tion (appraisal	and developn me month of la ume [] last m vn company (c and developn	hent)	not cha decrea	inged [2] ased [3] ased [1]				demand/ sales volume last month versus same month of previous year
	4 bis 04/2009 Information a Current situat 3b. Compa demand 09 Information a Current situat 3b. Compa	about your ow tion (appraisal ared to the sar t* or sales volu about your ow tion (appraisal ared to the sar r sales volume	and developn me month of la ume [] last m vn company (c and developn	hent)	not cha decrea increa	inged [2] ased [3] used [1] unged [2]				demand/ sales volume last month versus same month of previous year
	4 bis 04/2009 Information a Current situat 3b. Compa demand 09 Information a Current situat 3b. Compa	about your ow tion (appraisal ared to the sar t* or sales volu about your ow tion (appraisal ared to the sar r sales volume	and developn ne month of la ume [] last m vn company (c and developn ne month of la : [] in the pre	hent)	not cha decrea increa	inged [2] ased [3] ased [1]				demand/ sales volume last month versus same month of previous year
since 05/200	4 bis 04/2009 Information a Current situat 3b. Compa demand 09 Information a Current situat 3b. Compa	about your ow tion (appraisal ared to the sar t* or sales volu about your ow tion (appraisal ared to the sar r sales volume h	and developn ne month of la ume [] last m vn company (c and developn ne month of la : [] in the pre	hent)	not cha decrea increa	inged [2] ased [3] used [1] unged [2]				demand/ sales volume last month versus same month of previous year
since 05/200	4 bis 04/2009 Information a Current situal 3b. Compa demand 09 Information a Current situal 3b. Compa demand* of	about your ow tion (appraisal ared to the sar t* or sales volu about your ow tion (appraisal ared to the sar r sales volume h	and developn ne month of la ume [] last m vn company (c and developn ne month of la : [] in the pre	hent)	not cha decrea increa	inged [2] ased [3] used [1] unged [2]	2011	2012		demand/ sales volume last month versus same month of previous year
since 05/200 Time spar 2004 WEST	4 bis 04/2009 Information a Current situat 3b. Compa demand 09 Information a Current situat 3b. Compa demand* of a compa demand of variable	about your ow tion (appraisal ared to the sar t* or sales volu about your ow tion (appraisal ared to the sar r sales volume h	and developn me month of la ume [] last m vn company (c and developn me month of la : [] in the pre- ias	hent)	not cha decrea increa not cha decrea	inged [2] ased [3] ased [1] inged [2] ased [3]		2012		demand/ sales volume last month versus same month of previous year
since 05/200 Time spar	4 bis 04/2009 Information a Current situat 3b. Compa demand 09 Information a Current situat 3b. Compa demand* of a compa demand of variable	about your ow tion (appraisal ared to the sar t* or sales volu about your ow tion (appraisal ared to the sar r sales volume h	and developn me month of la ume [] last m vn company (c and developn me month of la : [] in the pre- ias	hent)	not cha decrea increa not cha decrea	inged [2] ased [3] ased [1] inged [2] ased [3]		2012		demand/ sales volume last month versus same month of previous year



EAST			

No.	Name			Label				Survey per	iod		Survey frequency		
2.5)	dl_orders			orders (appra	isal)			East and W	/est since 1	0/2004	monthly survey		
Wording	of question												
since 10/200)4									Further information			
	Information a	about your ow	/n company (d	omestic)						Appraisal of orders			
	Current situat	ion (appraisal	and developm	ent)									
					rolativol	which [1]]					
	4.14	Ve evaluate ou	ır order backlo	a ac		y high [1]		-					
	(given th	at an order backle	og is typical for th	e branch)	enou	gh [2]		-					
					too sn	nall [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				
WEST													
EAST													

N	No.	Name	Label	Survey period	Survey frequency
2	2.6)	dl_employlast	employees last 2-3 months	East and West since 10/2004	monthly survey

since 10/2004	4									Further information
	Information a	bout your ow	n company (d	omestic)	Development of the number of employees during the last 2-3 months					
	Current situati	ion (appraisal	and developm	nent)						
					increas	sed [1]				
	5. During t	the last 2-3 mo employ	onths the num ees has	ber of our	not chai	nged [2]				
					decrea	sed [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	Survey frequency
2.7)	dl_demandexp	expected demand / sales volume for the next	2- East and West since 10/2004	monthly survey
		3 months		
Wording	of question			

since 10/2004	4	Further information			
	Information about your own company (domestic)	Expected demand/ sales volume for the next 2-3 months			
	Current situation (appraisal and development)	*Incl. Foreign demand/ sales volume			
		increasing [1]			
	6. During the next 2-3 months the demand* for our services or our sales volume will be	not changing [2]			
		decreasing [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									

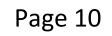
No.	Name	Label	Survey period	Survey frequency
2.8)	dl_employexp	expected employees for the next 2-3 months	East and West since 10/2004	monthly survey

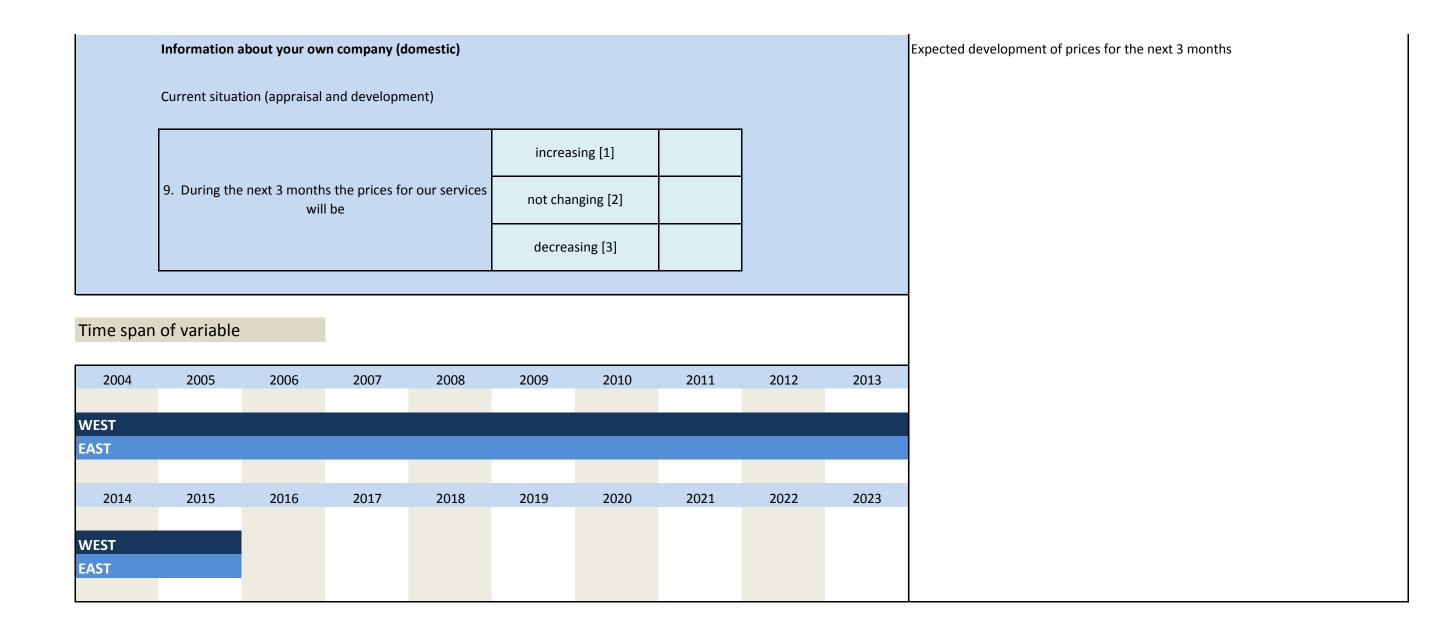
since 10/2004	4			Further information						
	Information a	bout your ow	n company (d	omestic)	Expected development of number of employees durnig the next 2-3 months					
	Current situati	ion (appraisal	and developm	nent)						
					increas	ing [1]				
	7. During	g the next 2-3 i employee		umber of	not char	nging [2]				
					decreasing [3]					
								-		
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
WEST EAST										
	2015	2016	2017	2018	2010	2020	2021	2022	2022	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
WEST EAST										

No.	Name	Label	Survey period	Survey frequency
2.9)	dl_expectbus	expected business situation for the next 6 months	East and West since 10/2004	monthly survey
Wordin	ng of question			

since 10/2004	4				Further information					
	Information a				Expected business situation for the next 6 months					
					increas	ing [1]				
	8. During the next 6 months our business situation will be					nging [2]				
					decreasing [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										

Survey frequency		
monthly survey		





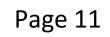
	3. Special questions					
No.	Name	Label	Survey per	iod		Survey frequency
3.1)	dl_constrbus	constraints to business activity	East and W	inquired in Jan, Apr, July, O		
Wordin	g of question					
	2004					
since 10/2	2004				Further information	
since 10/2	Special questions (inquired only	every 3 months)	 		Constraints to business activity	

Time span	of variable	<u>!</u>							
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
3.2)	dl lackdem	constaints by lack of demand	East and West since 10/2004	inquired in Jan, Apr, July, Oct

since 10/2004	4			Further information						
	Special questi	ons (inquired	only every 3 n	nonths)	Constraints by lack of demand					
		2. Our domes	tic business ac	tivity is currer	* no [2]: if not ticked, but there exists an answer to 3.1) constrbus					
	if yes, by follo	wing factors								
	(multiple answe	ers are possible)							
							yes [1]			
	lack of orders, lack of demand [1]*									
	I						<u>I</u>	J		
Time span	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
	Nume	Edder	Survey period	Survey nequency



3.3) dl_mplack

constaints by lack of skilled labour

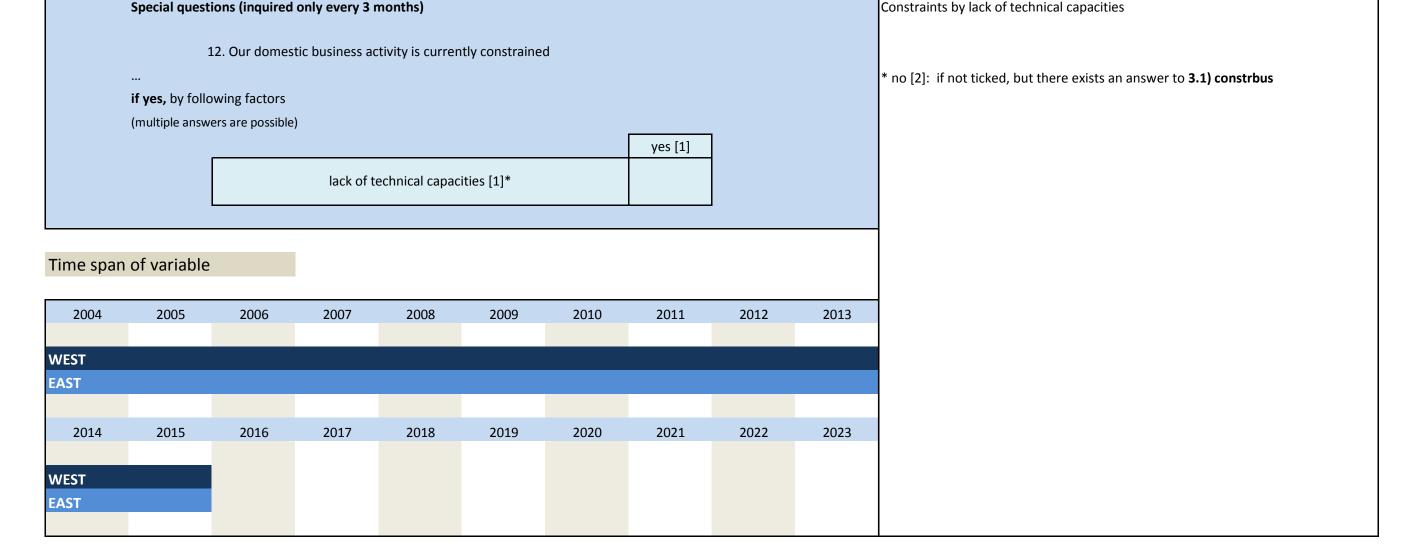
East and West since 10/2004

inquired in Jan, Apr, July, Oct

Wording of question

since 10/200	4				Further information					
	Special quest	ions (inquired	only every 3 r	nonths)	Constraints by lack of skilled labour					
	1	12. Our domest	tic business ac	tivity is curren						
					* no [2]: if not ticked, but there exists an answer to 3.1) constrbus					
	if yes , by follo									
	(multiple answ	ers are possible)						1		
							yes [1]			
			lack o	of skilled labou	r [1]*					
								1		
Time span	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 period	Survey frequency
3.4)	dl_lacktec	constaints by lack of technical capacities	East and West since 10/2004	inquired in Jan, Apr, July, Oct
Wordin	g of question			
since 10/2	2004		Further information	



No	. Name	Label	Survey period	Survey frequency
3.5)	dl_finan	constaints by problems of finance	East and West since 10/2004	inquired in Jan, Apr, July, Oct

since 10/2004	1				Further information					
	Special quest	i ons (inquired .2. Our domest			Constraints of business activity by problems of financing					
					* no [2]: if not ticked, but there exists an answer to 3.1) constrbus					
	if yes, by follo	wing factors								
	(multiple answ	ers are possible)				,		L		
							yes [1]			
			proble	ems of financir	ıg [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									

No.	Name	Label	Survey period	Survey frequency
3.6)	dl_lackroom	constaints by lack of room/ business equipment	East and West since 10/2004	inquired in Jan, Apr, July, Oct

since 10/2004	4									Further information
	Special question	ons (inquired	only every 3 r	nonths)	Constraints by lack of room/ business equipment					
	1	2. Our domes	tic business ac	tivity is curren						
	 if yes, by follow				* no [2]: if not ticked, but there exists an answer to 3.1) constrbus					
	(multiple answe	ers are possible)				yes [1]]		
			lack of room	n/business equ	ipment [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										

No.	Name	Label	Survey period	Survey frequency
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3.7) dl_weather

constaints by weather conditions

East and West since 10/2004

inquired in Jan, Apr, July, Oct

Wording of question

since 10/2004	4			Further information						
	Special questi	ons (inquired	only every 3 n	nonths)	Constraints by weather conditions					
		2. Our domes	tic business ac	tivity is currer	* no [2]: if not ticked, but there exists an answer to 3.1) constrbus					
	 if yes, by follow			The [2]. If not ticked, but there exists an answer to 5.1 constituts						
	(multiple answe	ers are possible)				yes [1]]		
			weat	her condition	5 [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										

No.	Name	Label	Survey period	Survey frequency
3.8)	dl_othrea	constaints by other reasons	East and West since 10/2004	inquired in Jan, Apr, July, Oct

since 10/2004		Further information		
Special questi	ions (inquired only every 3 months)	Constraints by other reasons		
1	2. Our domestic business activity is currently constrained			
				* no [2]: if not ticked, but there exists an answer to 3.1) constrbus
if yes, by follo	wing factors			
(multiple answe	ers are possible)			
		yes [1]		
	other reasons [1]*			



Time span	of variable	2006	2007	2008	2009	2010	2011	2012	2013
WEST				2000					
EAST									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

No.	Name	Label	Survey period	Survey frequency
3.9)	dl_kap1	potential of existing capacity	East and West since 04/2011	inquired in Jan, Apr, July, Oct

ince 04/201	1									Further information
	Special questi	ons (inquired	only every 3 r	nonths)				I	1	Potential of existing capacity
							yes [1]	no [2]		
	13. Would you					the capacities				
		curi	rently existing	in your compa	iny?					
<mark>ime span</mark>	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
							WEST			
							EAST			
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
VEST										
AST										



No.	Name	Label	Survey period	Survey frequency
2.40	di kanî		Fast and West since 01/2011	inquired in lon Apr. July Oct
3.10)	dl_kap2	potential capacity expansion in %	East and West since 04/2011	inquired in Jan, Apr, July, Oct

since 04/201	1									Further information
	Special quest	ions (inquired	only every 3 r	nonths)						Potential capacity expansion in percentage
	13. Would yo company?	u currently be a	able to handle	an increased	demand with	the capacities	currently exist	ing in your		
	if yes:									
	We co	uld expand ou	r business acti	vity by		%				
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
3.11)	dl_fambus	family business	East and West 02/2014	once
		-		
Wording o	of question			
0				

										urther Information	
02/2014											
)) For researc	ch purposes?										
)o you envisi	on yourself as	a family busin	ess?								
This means a	company who	ose voting capi	ital is held prec	dominately by	one or more f	amilies that ar	e connected)				
		yes[1]		no[2]							
		y C3[1]									
Timo chan	ofvariable										
lime span	of variable										
ïme span 2004	of variable	2006	2007	2008	2009	2010	2011	2012	2013		
			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	2005	2006									
2004	2005	2006									

No.	Name		Label				Survey per	lod			Survey frequency
3.12)	dl_minim1		minimum wag	e q1			East and V	Vest 11/20	14		once
Wording	of question										
										Further information	
11/2014											
1. 01/01/20	15 the general m	inimum wage	policy will be i	mplemented.							
ls vour coi	mpany affected b	ov this?									
		,									
	· · · · · · · · · · · · · · · · · · ·			r-1							
		yes[1]	I	no[2]							
Time sna	n of variable										
Time spa	n of variable										
Time spa			2007	2008	2009	2010	2011	2012	2013		
	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	2008	2009	2010	2011	2012	2013		



	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
ν	VEST									
E	AST									

	quency
3.13)dl_minim2minimum wage q2East and West 11/2014once	

11/2014										urther information
01/01/2015 tł	he general min		olicy will be im	plemented.						
s your compa	any affected by	r this?								
		yes 	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	no						
2. If yes: With	n which measur	res will you lik	ely react to the	e minimum wa	ge?					
		[1] No measu	res neccessary	or scheduled						
Time span	of variable									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	

No.	Name	Label	Survey period	Survey frequency
3.14)	dl_minim3	minimum wage q3	East and West 11/2014	once
Wording	g of question			

01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this?										
If yes: With which measures will you likely react to the minimum wage?										
[1] personnel cuts										
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										

 No.
 Name
 Label
 Survey period
 Survey frequency

 3.15)
 dl_minim4
 minimum wage q4
 East and West 11/2014
 once

 Wording of question

Is your company affected by this?



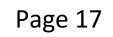
	which measur	res will you like	ely react to the	e minimum wa	ge?					
		[1] reduction	of working hou	ırs						
										4
Time span	of variable									
Time span										
Time span	of variable 2005	2006	2007	2008	2009	2010	2011	2012	2013	
			2007	2008	2009	2010	2011	2012	2013	
			2007	2008	2009	2010	2011	2012	2013	
			2007	2008	2009	2010	2011	2012	2013	
			2007 2017	2008	2009 2019	2010	2011 2021	2012	2013 2023	

•	•				
No.	Name	Label	Survey period		Survey frequency
3.16)	dl_minim5	minimum wage q5	East and West 11/2014		once
5.10)	u_mmi				onec
Wordin	g of question				
				Further information	
11/2014					
01/01/20	15 the general minimum w	age policy will be implemented.			
ls your co	mpany affected by this?				
		no			
	yes	no			
2. If ves: \	Nith which measures will v	you likely react to the minimum wage?			
,	· · · · · · · · · · · · · · · · · · ·				
	[1] incre	ease in prices			

		1	•						
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
3.17)	dl_minim6	minimum wage q6	East and West 11/2014	once

11/2014									
01/01/2015 th Is your compa			olicy will be im	plemented.					
		yes		no					
2. If yes: With	which measur	res will you like	ely react to the	e minimum wa	ge?				
[[1] reduction	of investment						
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	2015	2010	2017	2018	2019	2020	2021	2022	2023



EAST

No.	Name		Label				Survey per	riod			Survey frequency
3.18)	dl_minim7	7	minimum wa	ge q7			East and V	Vest 11/20	14		once
Wording	of question										
11/2011										Further information	
11/2014											
	the general mir pany affected b		oolicy will be im	plemented.							
		yes		no							
2. If yes: Wi	th which measu	res will you lil	kely react to th	e minimum wa	age?						
		[1] reduction	of special pay	ments							
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		
VA/FCT											
WEST EAST											

3.19) dl_minim8 minimum wage q8

East and West 11/2014

once

11/2014										
	1/01/2015 the general minimum wage policy will be implemented. s your company affected by this?									
		yes		no						
2. If yes: With	. If yes: With which measures will you likely react to the minimum wage?									
		[1] other								
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
3.20)	dl_invest_lj	total investment last year		East and West in 04/2	2005	inquired once
				East and West since 05/2006		inquired in May
Wording	of question					
April	+ May				Further information	
2005	since 2006					
					Development of investments last yea	r compared to the year before
	Special question investments					
	(only in May and November)					iness buildings and accounted software, but
				-		ings, second-hand or rented equipment and
		increased [1]			without acquisitions of participating	interests
	S1. Last year our investments*	were (20XX** not changed [21		"20XX" means last year	



		compared	to 20YY**)			ingeu [2]				Example: if the question was posed in May 2009, "20XX"="2008".
					decrea	ised [3]				"20YY" means two years ago
										Example: if the question was posed in May 2009, "20YY"="2007".
										Until 2015 the special questions 3.20) invest_lj, 3.23) invest_dj
										and 3.26) invest_nj were expressed by 2 variables with different
										wording and meaning of the question depending on whether it was posed
Time span	of variable									in May or November:
										A variable about (past) investments referred to the previous year if
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	asked in May, and it referred to the current year in November.
										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
3.21)	dl_invcon_lj	investment in construction last year	East and West since 05/2015	inquired in May
Wording	of question			

										Further information
05/2015 nvestments										
.) Last year (2	:0YY** compa	red to 20WW*	**) our investm	nents* were	Total investm	aants				*Accruals to assets accounts incl. business buildings and accounted software, b without vacant land, residential buildings, second-hand or rented equipment a
					without acquisitions of participating interests					
					increas	sed [1]				*20YY means last year
	S1. Last	year our invest compared		(20XX**	not chai	nged [2]				e.g.: If the question was posed in 2015: 20YY=2014
					decreased [3]					*20WW means two years ago e.g.: If the question was posed in 2015: 20WW=2013
								-		
										-
Timo span	ofvariable									
lime span	of variable									
Time span	<mark>of variable</mark> 2001	2002	2003	2004	2005	2006	2007	2008	2009	
			2003	2004	2005	2006	2007	2008	2009	
			2003	2004	2005	2006	2007	2008	2009	
			2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002								

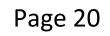
No.	Name	Label	Survey period	Survey frequency
3.22)	dl_inveq_lj	investment in equipment last year	East and West since 05/2015	inquired in May
Wordin	g of question			

										Further information
05/2015										
Investments										
1) Last year (2	20YY** compa	red to 20WW	**) our investr							
					*Accruals to assets accounts incl. business buildings and accounted software, but					
					without vacant land, residential buildings, second-hand or rented equipment and					
					thereof in: ed	quipment		_		without acquisitions of participating interests
					increa	sed [1]				
					Increa	560 [1]				*20YY means last year
	S1. Last		stments* were	(20XX**	not cha	nged [2]				e.g.: If the question was posed in 2015: 20YY=2014
		compared	to 20YY**)							
					decrea	ased [3]				*20WW means two years ago
					uccree	13CU [3]				e.g.: If the question was posed in 2015: 20WW=2013
Time span	of variable	!								
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	



	WEST			
	EAST			

No.	Name					Survey pe			
3.23)	dl_invest_dj	total invest	ment this year			East and W	West since (05/2006	inquired in May, Novemb
Wording	of question								
April 2005	+ May since 2006							Further information	
	Special question investme							Development of Investments in th	e current year compared to the previous
	(only in May and November)							*Accruals to assets accounts incl. business buildings and accounted software, b without vacant land, residential buildings, second-hand or rented equipment ar	
			increas	se [1]				without acquisitions of participati	ng interests
		our investments* will likely pared to 20XX**)	not char	nge [2]				"20WW" means current year	
			decrea	se [3]				Example: If the question was pose	ed in November 2009, "20WW"="2009".
	vember 6 - 2008							"20XX" means last year	
200	Special question investme	onte						Example: if the question was pose	ed in May 2009, "20XX"="2008".
	(only in May and November)	2015						Until 2015 the special questions 3.	20) invost li 2.22) invost di
			increas	se [1]				and 3.26) invest_nj were expresse	
		our investments* will likely ipared to 20XX**)	stay the s	ame [2]				in May or November: A variable about (past) investment	
			decrea	se[3]				asked in May, and it referred to th	
Νον	vember +	May						in May and to the upcoming year i Since 2015 these 2 variables are re	n November.
sinc	+ ce 2009	since 2015						the current and the upcoming yea For previous years the old investm	
	Special question investme (only in May and November)	ents						such that they are constructed in t	the same way they are from 2015 on
			increas	ed [1]					
	C1. In the surrent year of	51. <u>In the current year</u> our investments* will likely be (20WW** compared to 20XX**) not changed [2]							
		not chan	iged [2]						
			not chan	-					
			decreas	-					
Time spar			not chan	-					
Time span	(20WW** com		not chan	-	2011	2012	2013		
	(20WW** com	npared to 20XX**)	decreas	sed [3]	2011	2012	2013		
	(20WW** com n of variable 2005 2006 WEST	npared to 20XX**)	decreas	sed [3]	2011	2012	2013		
2004	(20WW** com n of variable 2005 2006 WEST EAST	2007 2008	2009	sed [3] 2010		-			
2004	(20WW** com n of variable 2005 2006 WEST EAST	2007 2008	2009	sed [3] 2010		-			
2004 2014 WEST EAST	(20WW** com n of variable 2005 2006 WEST EAST 2015 2016 0 0 0 0 0 0 0 0 0 0 0 0 0	2007 2008 2017 2018	2009	sed [3] 2010	2021	2022			
2004 2014 WEST	(20WW** com n of variable 2005 2006 WEST EAST	2007 2008	2009	sed [3] 2010		2022			Survey frequency
2004 2014 WEST EAST	(20WW** com n of variable 2005 2006 WEST EAST 2015 2016 0 0 0 0 0 0 0 0 0 0 0 0 0	2007 2008 2017 2018	2009 2019	2010 2020	2021	2022 iod	2023		Survey frequency inquired in May/Novemb
2004 2014 WEST EAST NO.	(20WW** com	apared to 20XX**) 2007 2008 2007 2008 2017 2018 201 201 201 201 201 201 201 201 201 201	2009 2019	2010 2020	2021 Survey per	2022 iod	2023		
2004 2014 WEST EAST NO.	(20WW** com n of variable 2005 2006 WEST EAST 2015 2016 VUEST EAST AU AU AU AU AU AU AU AU AU AU	Depared to 20XX**) 2007 2007 2007 2017 2017 2018 1 <t< td=""><td>2009 2019</td><td>2010 2020</td><td>2021 Survey per</td><td>2022 iod</td><td>2023</td><td>Further information</td><td></td></t<>	2009 2019	2010 2020	2021 Survey per	2022 iod	2023	Further information	
2004 2014 WEST EAST NO.	(20WW** com n of variable 2005 2006 WEST EAST 2015 2016 A A A A A A A A A A A A A	Depared to 20XX**) 2007 2007 2007 2008 2017 2018 2017 2018 Label Label May since 2015	2009 2019	2010 2020	2021 Survey per	2022 iod	2023	Further information	
2004 2014 WEST EAST NO.	(20WW** com (2005 2006 WEST EAST 2015 2016 2015 2016 A A A A A A A A A A A A A	Depared to 20XX**) 2007 2007 2007 2008 2017 2018 2017 2018 Label Label May since 2015	2009 2019	2010 2020	2021 Survey per	2022 iod	2023		inquired in May/Novemb
2004 2014 WEST EAST NO.	(20WW** com n of variable 2005 2006 WEST EAST 2015 2016 U 2015 2016 U 2015 2016 U 2015 2016 U 2016 U 2015 2016 U 2015 2016 U 2015 2016 U 2016 U 2015 U 2016 U 2015 U 2016	Depared to 20XX**) 2007 2007 2007 2008 2017 2018 2017 2018 Label Label May since 2015	2009 2009 2019 on this year	ents,	2021 Survey per	2022 iod	2023	*Accruals to assets accounts incl. b	inquired in May/Novemb business buildings and accounted softwa uildings, second-hand or rented equipme
2004 2014 WEST EAST NO.	(20WW** com n of variable 2005 2006 WEST EAST 2015 2016 U 2015 2016 U 2015 2016 U 2015 2016 U 2016 U 2015 2016 U 2015 2016 U 2015 2016 U 2016 U 2015 U 2016 U 2015 U 2016	Depared to 20XX**) 2007 2007 2007 2008 2017 2018 2017 2018 Label Label May since 2015	2009 2019 on this year	ents, nstruction	2021 Survey per	2022 iod	2023	*Accruals to assets accounts incl. I without vacant land, residential bu	inquired in May/Novemb business buildings and accounted softwa uildings, second-hand or rented equipme
2004 2014 WEST EAST NO.	(20WW** com (2005 2006 VEST EAST 2015 2016 VEST EAST 2015 2016 (1) (1) (1) (1) (1) (1) (1) (1)	Depared to 20XX**) 2007 2007 2007 2008 2017 2018 2017 2018 Label Label May since 2015	2009 2009 2019 on this year	ents, hstruction ed [1]	2021 Survey per	2022 iod	2023	*Accruals to assets accounts incl. Is without vacant land, residential bu without acquisitions of participati	inquired in May/Novemb business buildings and accounted softwa uildings, second-hand or rented equipme ng interests
2004 2014 WEST EAST NO.	(20WW** com (2005 2006 VEST EAST 2015 2016 VEST EAST 2015 2016 (1) (1) (1) (1) (1) (1) (1) (1)	Nay Investment in construction May since 2015	2009 2009 2019 on this year	ents, hstruction ed [1] aged [2]	2021 Survey per	2022 iod	2023	*Accruals to assets accounts incl. Is without vacant land, residential bu without acquisitions of participati *20XX means current year	inquired in May/Novemb business buildings and accounted softwa uildings, second-hand or rented equipme ng interests 2015: 20XX=2015
2004 2014 WEST EAST NO.	(20WW** com (2005 2006 VEST EAST 2015 2016 VEST EAST 2015 2016 (1) (1) (1) (1) (1) (1) (1) (1)	Nay Investment in construction May since 2015	a continue to the rest of the	ents, hstruction ed [1] aged [2]	2021 Survey per	2022 iod	2023	*Accruals to assets accounts incl. Is without vacant land, residential bu without acquisitions of participati *20XX means current year e.g.: If the question was posed in 2 **20YY means last year	inquired in May/Novemb business buildings and accounted softwa uildings, second-hand or rented equipme ng interests 2015: 20XX=2015
2004 2014 WEST EAST 3.24) Wording	(20WW** com (2005 2006 VEST EAST 2015 2016 VEST EAST 2015 2016 (1) (1) (1) (1) (1) (1) (1) (1)	Nay Investment in construction May since 2015	a continue to the rest of the	ents, hstruction ed [1] aged [2]	2021 Survey per	2022 iod	2023	*Accruals to assets accounts incl. Is without vacant land, residential bu without acquisitions of participati *20XX means current year e.g.: If the question was posed in 2 **20YY means last year	inquired in May/Novemb business buildings and accounted softwa uildings, second-hand or rented equipme ng interests 2015: 20XX=2015



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

No.	Name	Label	Survey period	Survey frequency
3.25)	dl_inveq_dj	investment in equipment this year	East and West since 05/2015	inquired in May/November
Wordin	g of question			

EAST

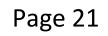
WEST EAST

Nove	mber	+	May since 2015							Further information
		l November) Irrent year ou	nts r investments* pared to 20XX*	will likely be	Total investm thereof in: eq increas not char decreas	uipment sed [1] nged [2]				 *Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests *20XX means current year e.g.: If the question was posed in 2015: 20XX=2015 **20YY means last year e.g.: If the question was posed in 2015: 20YY=2014
Time span	of variable		1							
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015 WEST	2016	2017	2018	2019	

EAST		

No.	Name	Label	Survey period	Survey frequency
3.26)	dl_invest_nj	total investment next year	East and West since 11/2006	inquired in November
Wordin	g of question			

Nove	ember									Further information
since	e 2006									
										Development of Investments in the current year compared to the previous
	Special quest	tion investmen	nts							
	(only in May and	d November)			Total investn	nents				*Accruals to assets accounts incl. business buildings and accounted software, but
								-		without vacant land, residential buildings, second-hand or rented equipment and
					increa	ase [1]				without acquisitions of participating interests
								-		
	S2. <u>Next ye</u>		nents* will likely to 20WW**)	/ (20NN**	not cha	ange [2]				**
		compared t	.0 20 0 0 0					-		"20NN" means next year
					decre	ase [3]				Example: if the question was posed in November 2009, "20NN"="2010".
								J		
Nov	ember									"20WW" means current year
_	e 2015									
51100	C 2015									Example: If the question was posed in November 2009, "20WW"="2009".
	Special quest	tion investmen	nts							
	only in May and				Total investn	nents				
										Until 2015 the special questions 3.20) invest_lj, 3.23) invest_dj
					increa	sed [1]				and 3.26) invest_nj were expressed by 2 variables with different
					increa	566 [1]				wording and meaning of the question depending on whether it was posed
	S2. <u>Next yea</u>		ents* will likely b	be (20NN**	not cha	nged [2]				in May or November:
		compared t	o 20WW**)					_		A variable about (past) investments referred to the previous year if
					decrea	ased [3]				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.
	ofuciable									Since 2015 these 2 variables are replaced by 3, referring to the past,
me span	n of variable									the current and the upcoming year respectively.
2004	2005	2000	2007	2000	2000	2040	2014	2042	2042	For previous years the old investment special questions are recoded
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	such that they are constructed in the same way they are from 2015 on
	WEST									



No.	Name		Label		Survey period					Survey frequency
3.27)	dl_invcon_r	nj	investment in	construction	next year		East and W	Vest since	11/2015	inquired in November
Wording	of question									
Nov	ember									Further information
sinc	e 2015									
	Special questic		nts		Total investm thereof in: co					*Accruals to assets accounts incl. business buildings and accounted software, but
					increa	sed [1]				without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests
	S2. <u>Next year</u>		ents* will likely to 20WW**)	be (20NN**	not cha	nged [2]				**
					decrea	sed [3]				"20NN" means next year
					<u> </u>]		Example: if the question was posed in November 2009, "20NN"="2010".
Time spar	n of variable									"20WW" means current year Example: If the question was posed in November 2009, "20WW"="2009".
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	Example: If the question was posed in November 2009, 2000 W = 2009.
2010	10 2011 2012 2013 2014					2016	2017	2018	2019	

No.	Name	Label	Survey period	Survey frequency
3.28)	dl_inveq_nj	investment in equipment next year	East and West since 11/2015	inquired in November

Nov	ember									Further information			
sinc	e 2015												
	Special quest (only in May and	t ion investmer November)	nts		Total investm thereof in: eq					*Accruals to assets accounts incl. business buildings and accounted software, but			
					increased [1]					without acquisitions of participating interests			
	S2. <u>Next yea</u>	<u>r</u> our investme compared t	ents* will likel _\ to 20WW**)	/ be (20NN**	not changed [2]					**			
					decreased [3]					"20NN" means next year			
										Example: if the question was posed in November 2009, "20NN"="2010".			
Time spar	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"="2009".			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019				
					WEST EAST								

No.	Name		Label				Survey pe	riod		Survey frequency
3.29)	dl_ref1		refugees ques	tion 1			East and \	Vest 12/20	15	once
Wording	of question									
Working										
										Further Information
12/2015										
1. How larg	ge do you assess th	ne potential	of asylum seeke	rs to be em	ployed in the fo	llowing position	ons?			
			[1] small		[2] large					
						1				
	trainees]				
	C									
lime spa	an of variable									
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2005	2004	2005	2000	2007	2008	2009	
										I



2010	2011	2012	2013	2015 WEST EAST	2016	2017	2018	2019

No.	Name	Label	Survey period	Survey frequency
3.30)	dl_ref2	refugees question 2	East and West 12/2015	once

12/2015												
1. How large do you assess the potential of asylum seekers to be employed in the following positions?												
[1] small [2] large												
	unskilled aid v	vorkers										
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



12/2015												
12/2015												
1. How large	How large do you assess the potential of asylum seekers to be employed in the following positions?											
[1] small [2] large												
	skilled worker	S										
Timo coop	e span of variable											
Time span												
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
					WEGT							
					WEST EAST							

No.	Name	Label	Survey period	Survey frequency
3.32)	dl_ref4	refugees question 4	East and West 12/2015	once
Wording o	f question			

	12/2015			Further Information
	1. How large do you assess the potential	of asylum seekers to be emp	ployed in the following positions?	
		[1] small	[2] large	
	leading positions			
L				
	Time span of variable			



2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2012	2014	2015	2016	2017	201.0	2010
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
					WEST				
					EAST				

No.	Name	Label	Survey period	Survey frequency	
3.33)	dl_ref5	refugees question 5	East and West 12/2015	once	
Wording o	of question				

12	/2015									
1.	How large o	do you assess t	he potential	of asylum seek	ers to be emp	loyed in the fol	llowing positio	ns?		
				[1] small		[2] large				
		other position	S							
т	mosnan	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 period	Survey frequency
3.34)	dl_ref6	refugees question 6	East and West 12/2015	once

	12/2015									
	2. how much	of an obstacle	to employing	asylum seeker	rs do you cons	ider the follow	ing factors to b	be in your brai	nch:	
				[1] little		[2] much				
		labor law-rela	ted provisions]					
	Time coop	of variable								
r	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	2000	2001	2002	2005	2004	2003	2000	2007	2008	2005
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						WEST EAST				

No.	Name	Label		Survey period		Survey frequency
3.35)	dl_ref7	refugees question 7		East and West 12/2015		once
Wordin	ng of question					
wordi						
					Further Information	
12/2015						
2. how m	nuch of an obstacle to employing	g asylum seekers do you consider the fol	lowing factors t	o be in your branch:		
2						
		[1] little	[2] much			
	unfit level of qualification					



ime 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				

1	No.	Name	Label	Survey period	Survey frequency
3	3.36)	dl_ref8	refugees question 8	East and West 12/2015	once

										Further Information	
12/2015											
		to overlands			idou the follo		a in	ala i			
now much (or an obstacle	to employing	asylum seeker	s do you cons	ider the follow	ing factors to I	be in your brar	icn:			
			[1] little		[2] much						
				I							
	minimum wag	ge									
ime span	of variable										
2000	2004	2002	2002	2004	2005	2000	2007	2000	2000		
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
					WEST EAST						
					EAST						

No.	Name	Label	Survey period	Survey frequency
_	11 (0	refugees question 0	5	
3.37)	dl_ref9	refugees question 9	East and West 12/2015	once

Wording of question

12/2015									
2. how much	of an obstacle	to employing	g asylum seekers	s do you cons	ider the follow	ing factors to b	pe in your brar	nch:	
			[1] little		[2] much				
	lack of langua	ge skills							
	of variable		_						
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
					WEST				
					EAST				

