

List of Variables

Business Survey Service Sector

Data: 10/2004-12/2016

As of January 2017

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LMU-ifo Economics & Business Data Center (EBDC)

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List of variables - Ifo Business Survey Service Sector

1. Variables of identification

2. Standard questions

3. Special questions

1. Variables of identification

No.	Name	Label	German description
1.1)	survey	survey	Umfrage
1.2)	year	year	Erhebungsjahr
1.3)	month	month	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

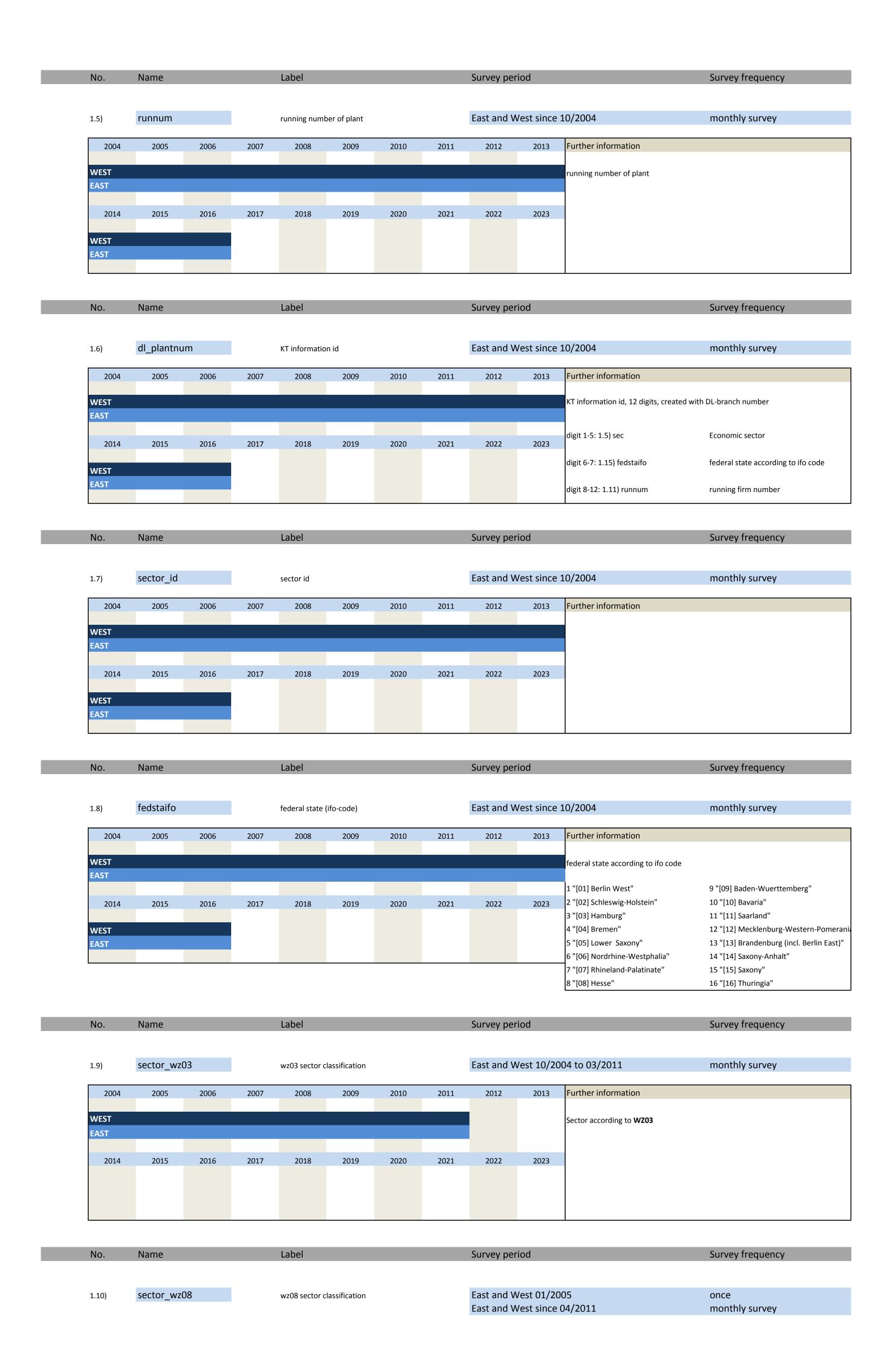
3.26) 3.27)	dl_invest_nj		
	dl_invcon_nj	investment in construction next year	Investititonen im kommenden Jahr, Bauten
3.28)	dl_inveq_nj	investment in equipment next year	Investitionen im kommenden Jahr, Ausrüstung
3.29)	dl_ref1	refugees question 1	Flüchtlinge Frage 1
3.30)	dl_ref2	refugees question 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
3.38)	dl_minim_post1	affected by minimum wage	von Mindestlohn betroffen
3.39)	dl_minim_post2	no minimum wage measures	keine Mindestlohn- Maßnahmen
3.40)	dl_minim_post3	measures: employee reduction	Maßnahmen: Personalabbau
3.41)	dl_minim_post4	measures: working hour reduction	Maßnahmen: Arbeitszeitreduzierung
3.42)	dl_minim_post5	measures: increased prices	Maßnahmen: Preiserhöhungen
3.43)	dl_minim_post6	measures: decreased investment	Maßnahmen: verringerte Investitionen
3.44)	dl_minim_post7	measures: decreased special payments	Maßnahmen: Kürzungen von Sonderzahlungen
3.45)	dl_minim_post8	less minijobs	Minijobs weggefallen
3.46)	dl_minim_post9	minijobs transformed into insurable employment	Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt
3.47)	dl_minim_post10	new insurable employment	neue soz.vers.pflichtige Besch.verhältnisse
3.48)	dl_minim_post11	employment relationships did not change	keine veränderten Besch.Verhältnisse
3.49)	dl_credityes	credit agreement signed	Kreditvertrag abgeschlossen
3.50)	dl_creditno	credit agreement not signed	Kreditvertrag nicht abgeschlossen
3.51)	dl_credituse1	financing of ongoing operating resources	Finanzierung laufender Kreditmittel
3.52)	dl_credituse2	financing of an investment	Finanzierung einer Investition
3.53)	dl_credituse3	other financing	Sonstiger Verwendungszweck
3.54)	dl_midmanager	mid tier: more than 4 managers	Mittlestand: mehr als 4 Manager
	dl midmancharo	mid tier: at least one manager has shares	Mittelstand: Mindestens ein Manager hat Anteile
3.55)	dl_midmanshare	mild tier, at least one manager has shares	Witterstand. Windestens ein Wanager nat Antene

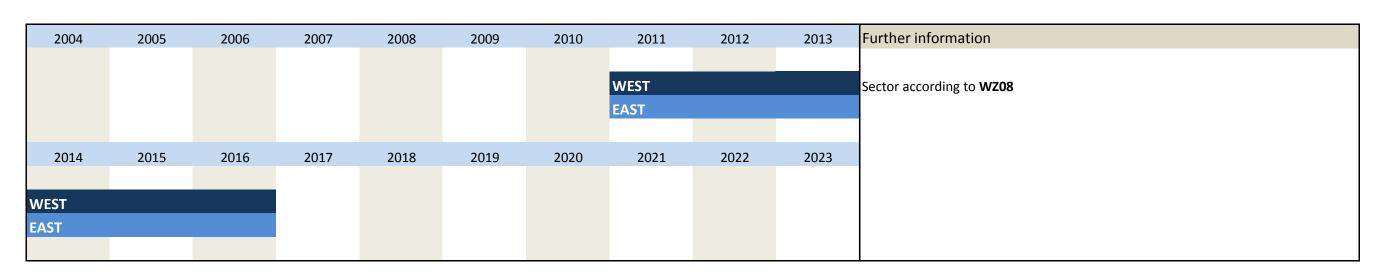
1.	Variables of	f identificat	tion								
No.	Name			Label				Survey period Survey frequency			
1.1)	survey		survey						Vest since	10/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST											
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

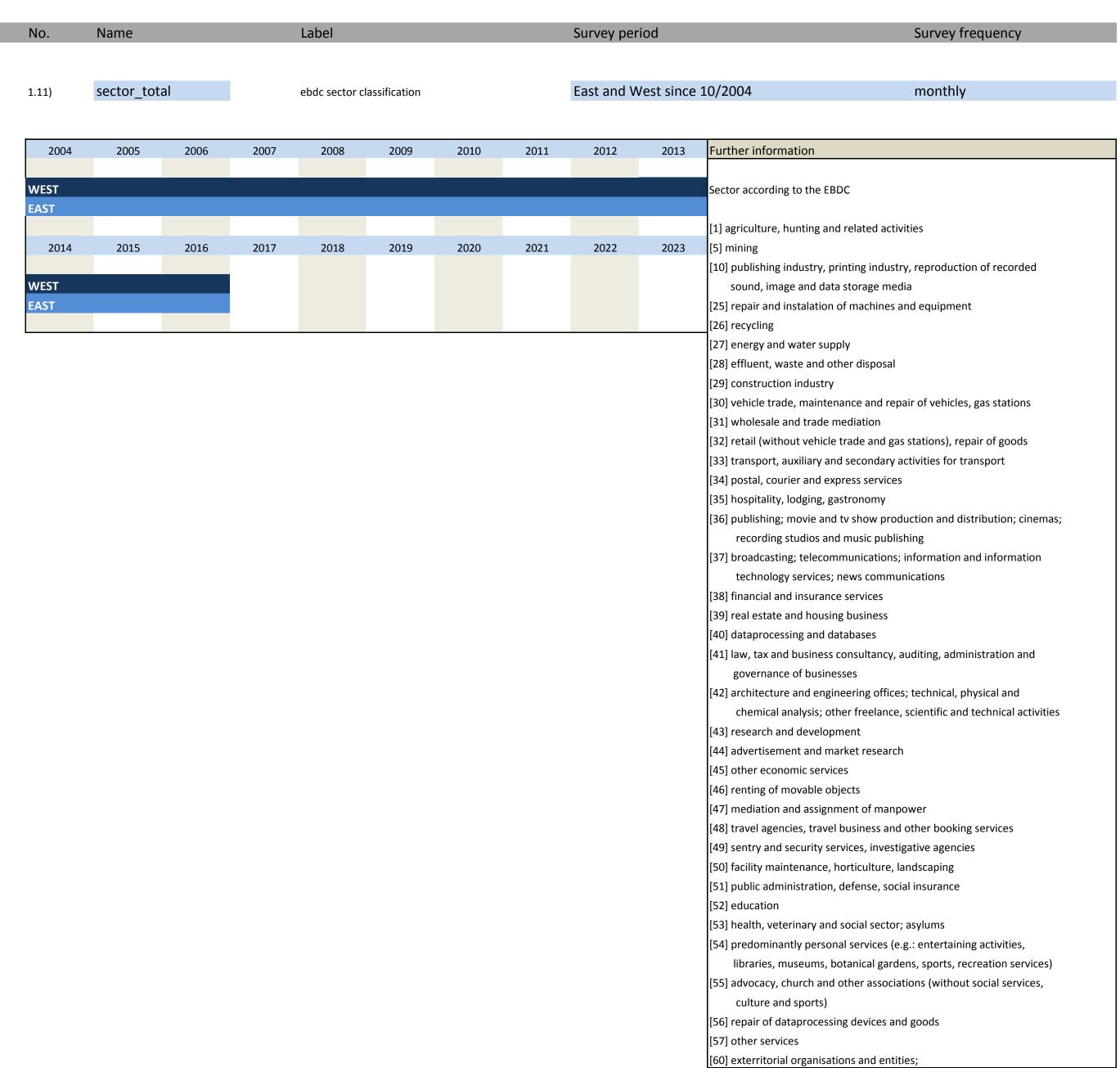
No.	Name			Label				Survey per	iod		Survey frequency
1.2)	year			year				East and V	Vest since 1	10/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
WEST										Year of survey	
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

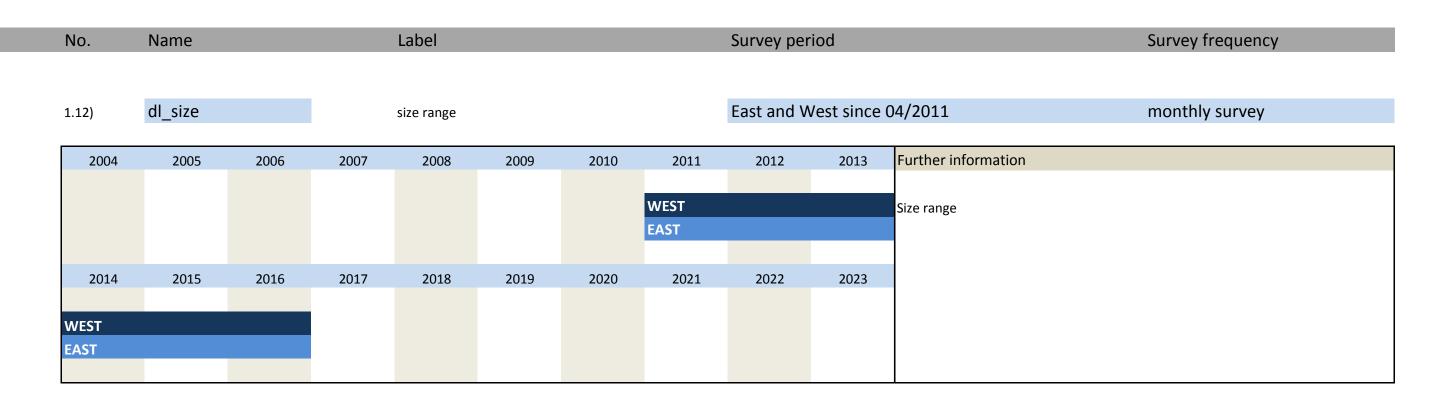
No.	Name			Label				Survey period			Survey frequency
1.3)	month			month				East and W	est since 1	.0/2004	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
2001	2003	2000	2007	2000	2003	2010	2011	2012	2010		
WEST										Month	
EAST											
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

No.	Name			Label				Survey per	iod	Survey frequency
1.4)	idnum			firm X adress	file id			East and W	Vest since 1	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										

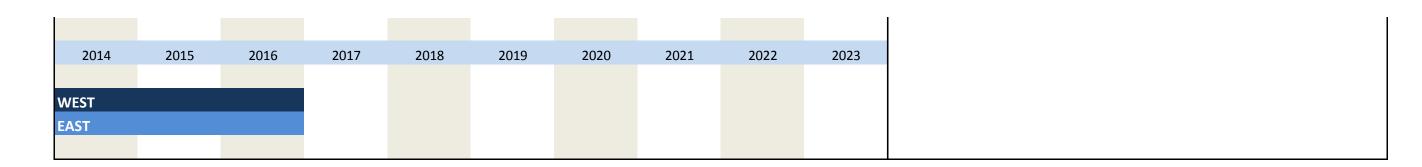


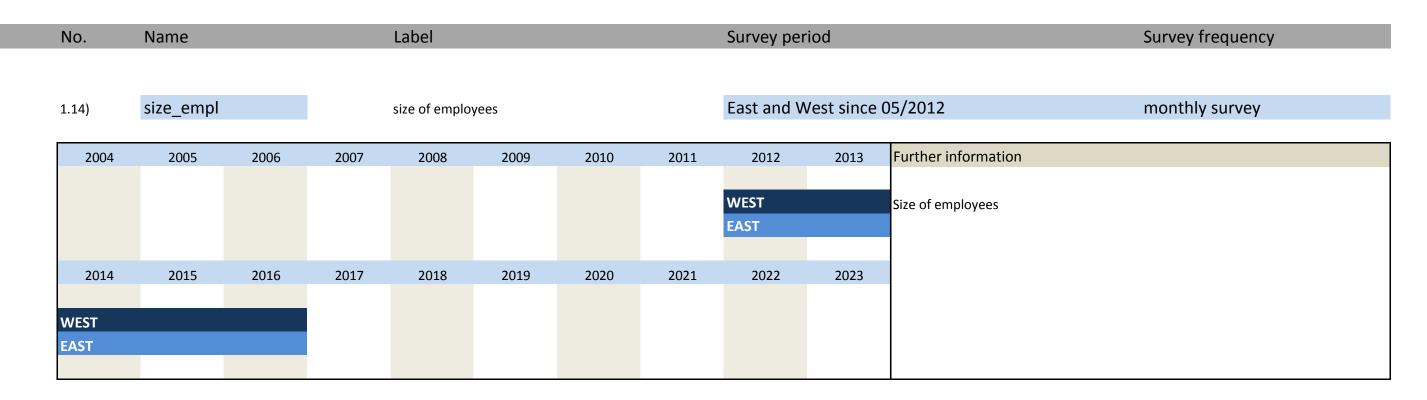






No.	Name			Label				Survey period			Survey frequency
1.13)	size_turno	ver		size of turnov	er			East and W	est since (01/2010	monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information	
2001	2000	2000	2007	2000	2000				2020		
						WEST				Size of turnover	
						EAST				l	





No.	Name			Label				Survey per	riod	Survey fr	equency
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										[5] manually collected	
EAST											

No.	Name			Label				Survey per	riod	Survey frequency
4.46\	curvou cto	· u-l-	curvoy start					Fact and M	lost since	02/2005 monthly survey
1.16)	survey_sta	irt		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 per	iod	Survey frequency
1.17)	survey_en	d		survey_end				East and W	est 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										

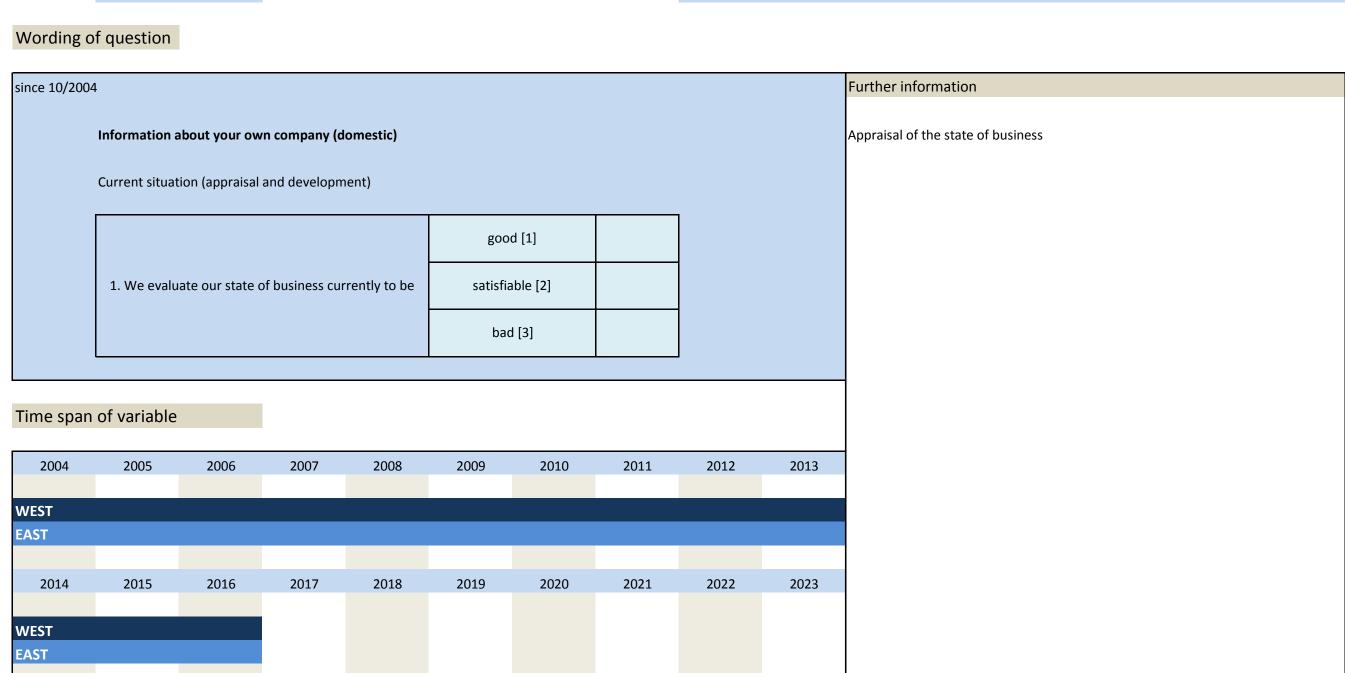
No.	Name			Label				Survey per	riod	Survey frequency
1.18)	participation_date participation date East and W				East and West since 02/2005 monthly survey					
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST EAST									Date of survey
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Only refers to the participants who answered the questionnaire online.
WEST					3020					
LAST										

1.19)	participati	on_hour		participation l	hour			East and W	est since	02/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST									Hour 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 per	iod	Survey frequency
1.20)	participati	on_status		participation	status			East and W	Vest since	02/2005 monthly survey
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Further information
	WEST EAST							_		Participation status
	EAST									Only refers to the participants who answered the questionnaire online.
2014 WEST EAST	2015	2016	2017	2018	2019	2020	2021	2022	2023	[1] complete [2] reworked [3] incomplete [4] not answered [5] ausgefuellt

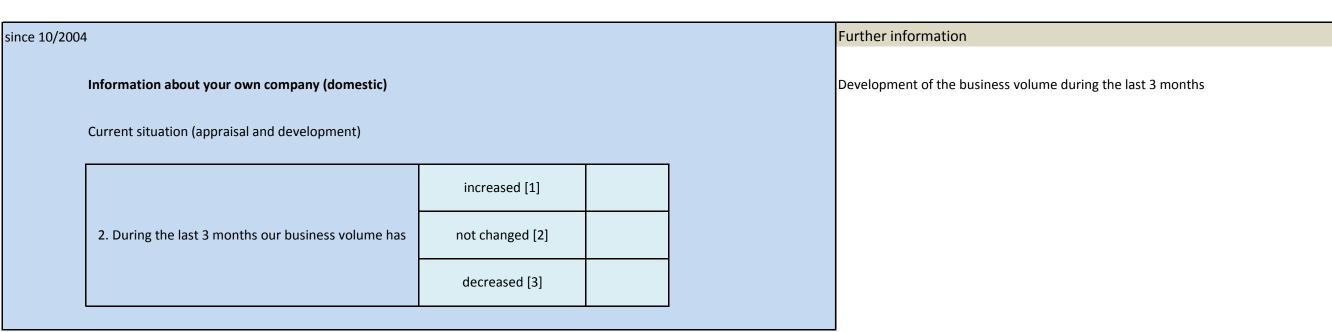
2. Standard questions

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



No.	Name	Label	Survey period	Survey frequency
2.2)	dl_busvolqu	business volume last 3 months	East and West since 10/2004	monthly survey

Wording of question



Time span	of variable								
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
2001	2000			2000		_0_0			2020
WEST									
EAST									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

No.	Name			Label				Survey per	riod		Survey frequency
2.3)	dl_deman	dsales		demand / sale	es volume last	2-3 months		East and W	Vest since 1	0/2004	monthly survey
Wordin	g of question										
since 10/	2004							Further information			
	Information	about your ow	vn company (d	lomestic)						Development of demand/sales volu	ume during the last 2-3 months
	Current situa	tion (appraisal	and developm	nent)						*Incl. Foreign demand/ sales volum	ne
					increa	sed [1]					
			onths the dem		not cha	nged [2]		-			
					decrea	ised [3]					
Time sr	oan of variable	<u> </u>									
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WEST											
EAST											
2014	2014 2015 2016 2017 2018 2019 2020 2								2023		
MEST	WEST										
WEST EAST											

Survey period

Survey frequency

Label

No.

Name

.4)	dl_demand	dlast				versus same month of	East and W	Vest since 2	10/2004	monthly survey
ording	of question			previous year						
10/200	4 bis 04/2009								Further information	
	Information a	about your ov	vn company (do	omestic)					damand/aalaa walumaa laa	t was with a second as well as for a second as a second as
									demand/ sales volume las	t month versus same month of previous year
	Current situal	tion (appraisai	and developm	ent)			_		*Incl. Foreign demand/ sa	les volume
					increas	sed [1]				
			me month of lasume [] last mo		not chai	nged [2]				
					decrea	sed [3]				
	Information	shout vour ou	un company (de	amastis)						
			vn company (do							
					increas	sed [1]				
	Current situat	tion (appraisal ared to the sar r sales volume	and development and developmen	ent) st year our		sed [1] nged [2]				
	Current situat	tion (appraisal ared to the sar r sales volume	and developments	ent) st year our	not chai					
	Current situat	tion (appraisal ared to the sar r sales volume	and development and developmen	ent) st year our	not chai	nged [2]				
me spa	Current situat	tion (appraisal ared to the sar r sales volume h	and development and developmen	ent) st year our	not chai	nged [2]				
me spa	Current situal 3b. Compa demand* of	tion (appraisal ared to the sar r sales volume h	and development and developmen	ent) st year our	not chai	nged [2]	2012	2013		
2004	3b. Compademand* of	ared to the sar r sales volume h	and developme me month of last [] in the previous	ent) st year our vious month	not chai	nged [2]	2012	2013		
2004 EST	3b. Compademand* of	ared to the sar r sales volume h	and developme me month of last [] in the previous	ent) st year our vious month	not chai	nged [2]	2012	2013		
	3b. Compademand* of	ared to the sar r sales volume h	and developme me month of last [] in the previous	ent) st year our vious month	not chai	nged [2]	2012	2013		

EAST Survey period Survey frequency No. Name Label dl_orders 2.5) East and West since 10/2004 monthly survey orders (appraisal) Wording of question since 10/2004 Further information Information about your own company (domestic) Appraisal of orders Current situation (appraisal and development) relatively high [1] 4. We evaluate our order backlog to be sufficient [2] (given that an order backlog is typical for the branch) too small [3] Time span of variable 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST **EAST** 2015 2017 2018 2019 2020 2021 2022 2023 2014 2016 WEST **EAST** Label Survey period Survey frequency No. Name dl_employlast East and West since 10/2004 monthly survey 2.6) employees last 2-3 months Wording of question since 10/2004 Further information Information about your own company (domestic) Development of the number of employees during the last 2-3 months Current situation (appraisal and development) increased [1] 5. During the last 2-3 months the number of our not changed [2] employees has decreased [3] Time span of variable 2005 2006 2008 2009 2010 2011 2012 2013 2004 2007 WEST **EAST** 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 WEST **EAST** Survey period Survey frequency Label No. Name dl_demandexp 2- East and West since 10/2004 monthly survey 2.7) expected demand / sales volume for the next 3 months Wording of question since 10/2004 Further information Information about your own company (domestic) Expected demand/ sales volume for the next 2-3 months *Incl. Foreign demand/ sales volume Current situation (appraisal and development) increasing [1] 6. During the next 2-3 months the demand* for our not changing [2] services or our sales volume will be decreasing [3]

			ı						
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_employ	ехр		expected emp	oloyees for the	e next 2-3 mon	ths	East and V	Vest since 1	10/2004	monthly survey
Wording o	of question										
since 10/2004	4									Further information	
,											
	Information a	bout your ow	n company (d	lomestic)						Expected development of number	of employees durnig the next 2-3 months
	Current situat	ion (appraisal	and developm	nent)							
		.оп (арргазаг						-			
					increa	sing [1]					
	7. During		months the nu	umber of	not cha	nging [2]		-			
		employe	es will be								
					decrea	sing [3]					
Time span	of variable		l								
Time span	of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
MECT											
WEST EAST	_	_	_	_	_	_	_	_	_		
2014	2015 2016 2017 2018 2019 2020							2022	2023		
WEST											
EAST											

No.	Name			Label				Survey per	iod		Survey frequency
2.9)	dl_expectb	ous		expected busi	ness situation	for the next 6	months	East and W	est since 1	.0/2004	monthly survey
Wording	of question			·							
	•										
since 10/200	04				Further information						
	Information a	about your ow	n company (d	omestic)						Expected business situation for	the next 6 months
	Current situat	tion (appraisal	and developm	ient)							
					more favo	ourable [1]					
	8. During the		s our business se	situation will	not char	nging [2]		_			
					less favo	urable [3]		_			
Time sna	n of variable		ı								
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											

No.	Name	Label	Survey period	Survey frequency
2.10)	dl_pricenext	prices for the next 3 months	East and West since 10/2004	monthly survey
		•	,	, ,
Wording	g of question			
since 10/2	1004		Further information	

	Information a	bout your ow	n company (d	omestic)						Expected development of p	rices for the next 3 mon	ths
	Current situat	ion (appraisal	and developm	ent)								
					increas	sing [1]						
	9. During the		s the prices fo I be	r our services	not char	nging [2]						
					decrea	sing [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												

3. Special questions

No.

Name

Label

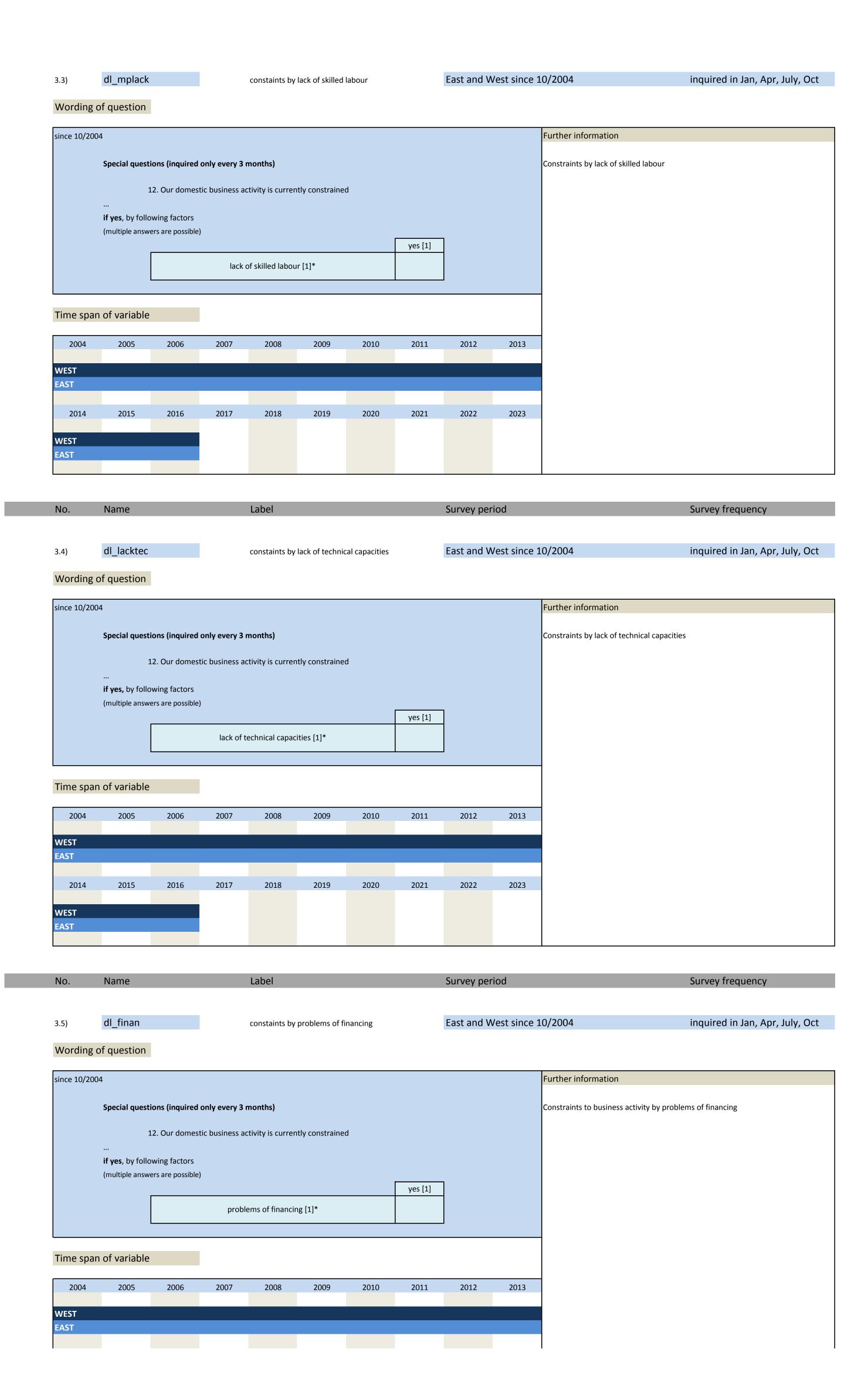
No.	Name			Label				Survey per	riod		Survey frequency
	dl_constrb		ı	constraints to	business activ	vity		East and W	Vest since	10/2004	inquired in Jan, Apr, July, Oct
since 10/2004		ions (inquired (only every 3 m	nonths)					1	Further information Constraints to business activity	
						.d	yes [1]	no [2]			
	1	.2. Our domest	ic business act	tivity is curren	itly constraine	eu ————————————————————————————————————					
Time span	of variable		ic business act	tivity is curren	itly constraine	ru					
Time span			2007	2008	2009	2010	2011	2012	2013		
2004 WEST	of variable						2011	2012	2013		
2004 WEST	of variable						2011	2012	2013		
2004 WEST	of variable						2011	2012	2013		
2004 WEST EAST	of variable	2006	2007	2008	2009	2010					

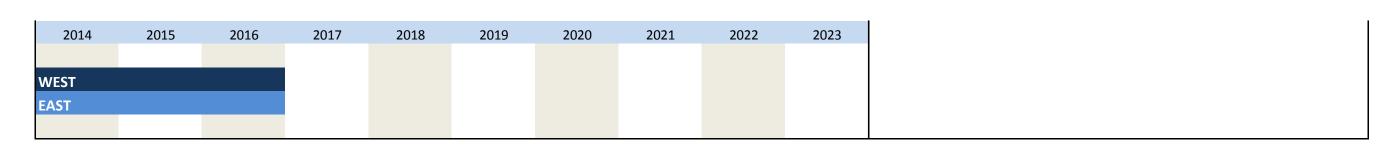
Survey period

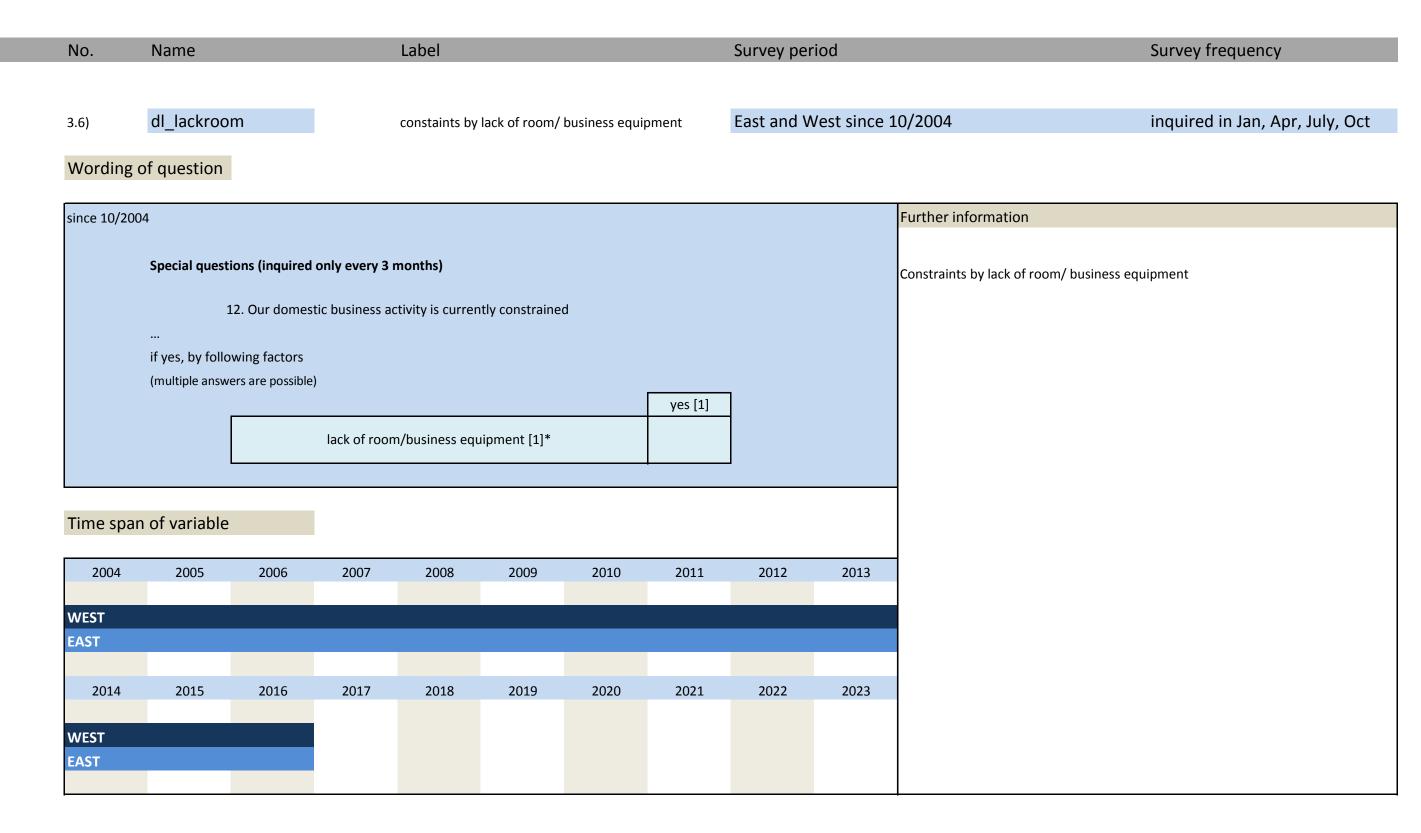
Survey frequency

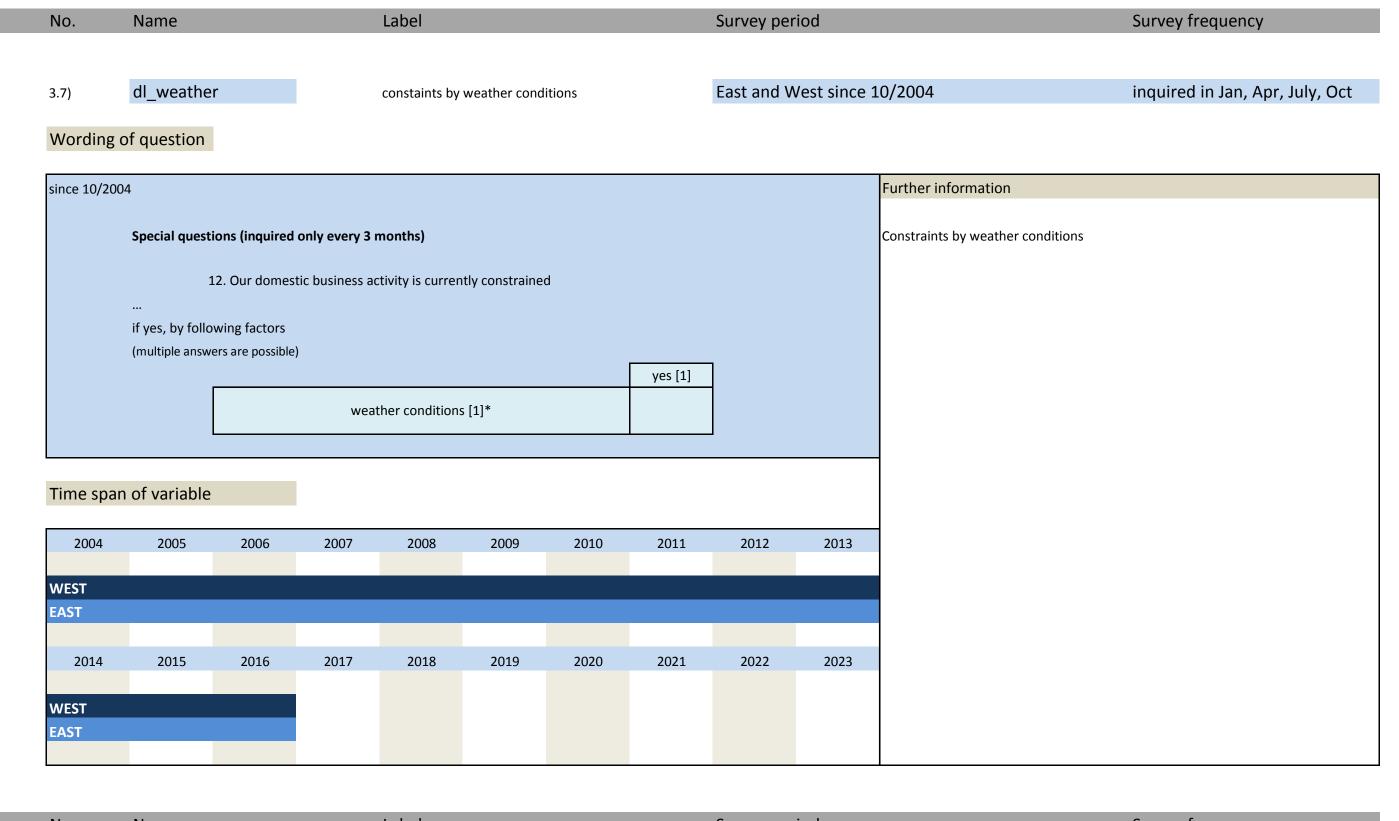
2 21	di lackdon			aanatatete l	la al. af -l	۵.		Fact and M	Voct since	10/2004	inquired in lan Ann July Oct
3.2)	dl_lackden	1		constaints by	lack of deman	d		East and V	vest since .	10/2004	inquired in Jan, Apr, July, Oct
Wording	of question										
since 10/20	04									Further information	
	Special questi	ons (inquired	only every 3 n	months)						Constraints by lack of demand	
			tic business ac		tly constraine	4					
		.z. Our donnes	tic busiliess ac	civity is curren	tily constrained	u					
	if yes , by follo	wing factors									
	(multiple answe	ers are possible)					7			
							yes [1]				
			lack of ord	lers, lack of de	mand [1]*						
								_			
-											
Time spa	n of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
WFST							_				
WEST EAST											
	2015	2016	2017	2018	2019	2020	2021	2022	2023		
EAST	2015	2016	2017	2018	2019	2020	2021	2022	2023		

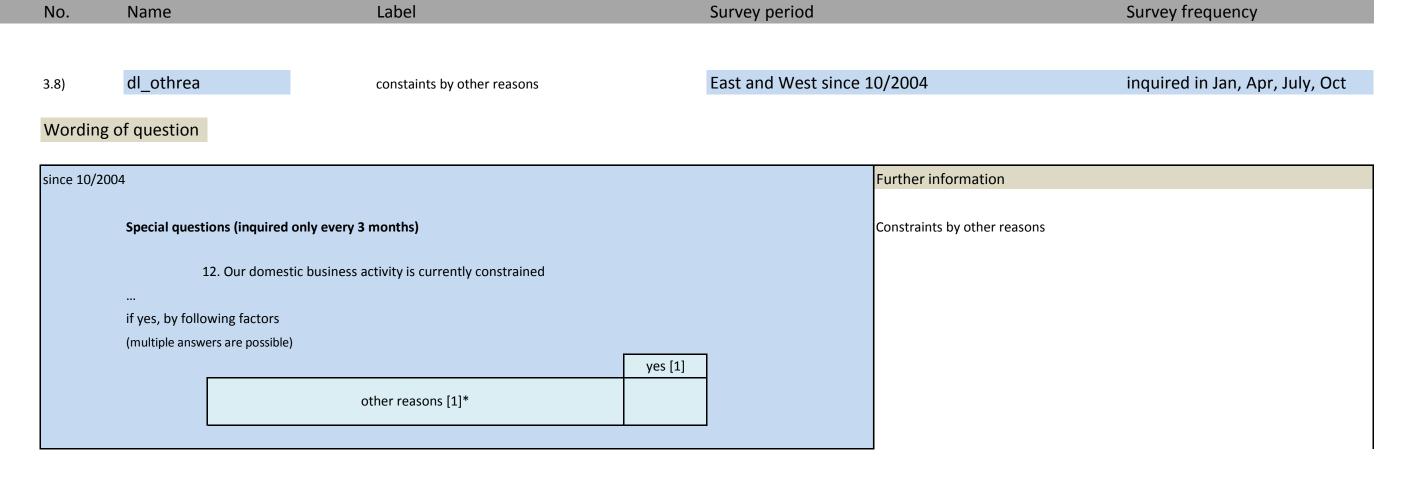
No. Name Label Survey period Survey frequency











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

No.	Name			Label				Survey per	iod		Survey frequency
								, ,			,
3.9)	dl_kap1			potential of e	xisting capacity	,		East and V	/est since (04/2011	inquired in Jan, Apr, July, Oct
Wording o	of question										
since 04/2011	1									Further information	
	Special questi	ons (inquired	only every 3 n	nonths)						Potential of existing capacity	
							yes [1]	no [2]			
	13. Would you				demand with t	he capacities					
		curr	rently existing	ın your compa	any?						
										-	
Time span	of variable										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2004	2003	2000	2007	2008	2009	2010	2011	2012	2013		
							WEST				
							EAST				
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
MECT											
WEST EAST											

Control of question	No.	Name										
The Second Second second color process and the second color process and th	3.10)	dl_kap2		ı	potential cap	acity expansio	n in %		East and V	Vest since (04/2011	inquired in Jan, Apr, Ju
Second positional important conty army 3 membry Second position in content in control in contro	Wording	of question										
The National year of the Bount of an invasid demonstration in processing a ground of the processing	since 04/202	11									Further information	
The content of controls Content of contr		Special questi	ons (inquired	l only every 3	months)						Potential capacity expansion in percer	ntage
Tree			currently be	able to handle	e an increased	demand with	the capacities	currently existi	ng in your			
Process Proc		company?										
Time span of vertible 201												
Time span of vertible 201										1		
2014 2015 2015 2016		We cou	ild expand ot	ur business act	ivity by		%					
2014 2015 2015 2016	Time snai	n of variable										
Survey S			2006	2007	2008	2000	2010	2011	2012	2012		
Marke Mark	2004	2005	2006	2007	2008	2009	2010		2012	2013		
Manual M												
Manual M	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
Manual M	WEST											
Part	EAST											
Part												
### Action of question Turther Information	No.	Name		Label				Survey per	iod			Survey frequency
### Action of question Turther Information	. 44)	dl fambus		family husing	occ			Fact and M	lost 02/20	1 /		onco
For research purposes	5.11)	ui_iaiiibus		ranning basine	.55			Last and vw	est 02/20	14		Office
	A / 1 !	-fh:										
or over envision your set as a family business? This means a company whose voting capital is had predominately by one or more families that are connected:	Wording	of question										
the period of variable span of variable		of question									Further Information	
This means a company whose voting capital is helic predominately by one or more families that are connected) vest1	Wording 02/2014	of question									Further Information	
The span of variable Survey period Survey frequency	02/2014										Further Information	
ime span of variable 2004	02/2014 D) For resea	arch purposes?	a family busir	ness?							Further Information	
2004	02/2014 D) For resea Do you envi	arch purposes? sion yourself as a			dominately by	one or more t	families that a	re connected)			Further Information	
2004	02/2014 D) For resea Do you envi	arch purposes? sion yourself as a s a company who	se voting cap		-	one or more f	families that a	re connected)			Further Information	
2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 NO. Name Label Survey period Survey frequency 1.2) dl_minim1 minimum wage q1 East and West 11/2014 once Nording of question 1/2014 .01/01/2015 the general minimum wage policy will be implemented. Its your company affected by this?	02/2014 D) For resea Do you envi	arch purposes? sion yourself as a s a company who	se voting cap		-	one or more t	families that a	re connected)			Further Information	
No. Name Label Survey period Survey frequency 12) dl_minim1 minimum wage q1 East and West 11/2014 once Wording of question 1/2014 .01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this? Time span of variable	02/2014 D) For resea Do you envi	arch purposes? sion yourself as a s a company who	se voting cap		-	one or more t	families that a	re connected)			Further Information	
No. Name Label Survey period Survey frequency 12) dl_minim1 minimum wage q1 East and West 11/2014 once Wording of question 1/2014 .01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this? Time span of variable	D2/2014 D) For resea Do you envi	nrch purposes? sion yourself as a sa company who	se voting cap	oital is held pre	no[2]				2012		Further Information	
No. Name Label Survey period Survey frequency 12) dl_minim1 minimum wage q1 East and West 11/2014 once Wording of question 1/2014 .01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this? Time span of variable	D2/2014 D) For resea Do you envi	nrch purposes? sion yourself as a sa company who	se voting cap	oital is held pre	no[2]				2012		Further Information	
No. Name Label Survey period Survey frequency Ast and West 11/2014	D2/2014 D) For resea Do you envi	nrch purposes? sion yourself as a sa company who	se voting cap	oital is held pre	no[2]				2012		Further Information	
No. Name Label Survey period Survey frequency 1/2014	Di For resea Do you envi This means Time span	nrch purposes? sion yourself as a company who n of variable 2005	se voting cap	2007	2008	2009	2010	2011		2013	Further Information	
dl_minim1 minimum wage q1 East and West 11/2014 once Wording of question 1/2014 . 01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this? ves[1]	Do you envi: This means 2004 2014	nrch purposes? sion yourself as a company who n of variable 2005	se voting cap	2007	2008	2009	2010	2011		2013	Further Information	
dl_minim1 minimum wage q1 East and West 11/2014 once Wording of question 1/2014 . 01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this? ves[1]	Do you envious Time span 2004	nrch purposes? sion yourself as a company who n of variable 2005	se voting cap	2007	2008	2009	2010	2011		2013	Further Information	
Vording of question 1/2014 . 01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this?	Do you envisor Time span 2004 2014 WEST EAST	nrch purposes? sion yourself as a sa company who n of variable 2005	se voting cap	2007	2008	2009	2010	2011	2022	2013	Further Information	Survey frequency
I/2014 . 01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this?	Do you envi: This means 2004 2014	nrch purposes? sion yourself as a sa company who n of variable 2005	se voting cap	2007	2008	2009	2010	2011	2022	2013	Further Information	Survey frequency
1/2014 . 01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this? yes[1] no[2] Time span of variable	Do you envisor Time span 2004 2014 WEST EAST	n of variable 2005 Name	yes[1] 2006	2007 2017 Label	2008 2018	2009	2010	2011 2021 Survey per	2022 iod	2013	Further Information	
1/2014 . 01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this? yes[1] no[2] Time span of variable	Do you envi: This means 2004 2014 WEST EAST No.	nrch purposes? sion yourself as a sa company who n of variable 2005 2015 Name dl_minim1	yes[1] 2006	2007 2017 Label	2008 2018	2009	2010	2011 2021 Survey per	2022 iod	2013	Further Information	
s your company affected by this? yes[1] no[2] Time span of variable	Do you envi: This means 2004 2014 WEST EAST No.	nrch purposes? sion yourself as a sa company who n of variable 2005 2015 Name dl_minim1	yes[1] 2006	2007 2017 Label	2008 2018	2009	2010	2011 2021 Survey per	2022 iod	2013		
yes[1] no[2] Time span of variable	Do you envi: This means 2004 2014 WEST EAST No.	nrch purposes? sion yourself as a sa company who n of variable 2005 2015 Name dl_minim1	yes[1] 2006	2007 2017 Label	2008 2018	2009	2010	2011 2021 Survey per	2022 iod	2013		
Time span of variable	Do you envirthis means Time span 2004 2014 WEST EAST No. 3.12) Wording	n of variable 2005 Name dl_minim1 of question	yes[1] 2006 2016	2007 2017 Label minimum wa	2008 2018 ge q1	2009	2010	2011 2021 Survey per	2022 iod	2013		
ime span of variable	Do you envirthis means Time span 2004 2014 WEST EAST No. 3.12) Wording	n of variable 2005 Name dl_minim1 of question	yes[1] 2006 2016	2007 2017 Label minimum wa	2008 2018 ge q1	2009	2010	2011 2021 Survey per	2022 iod	2013		
	Do you envirthis means Time span 2004 2014 WEST EAST No. 3.12) Wording	n of variable 2005 Name dl_minim1 of question	yes[1] 2006 2016 inimum wagoy this?	2007 2017 Label minimum wa	2008 2018 ge q1 implemented	2009	2010	2011 2021 Survey per	2022 iod	2013		
	Do you envirthis means Time span 2004 2014 WEST EAST No. 3.12) Wording	n of variable 2005 Name dl_minim1 of question	yes[1] 2006 2016 inimum wagoy this?	2007 2017 Label minimum wa	2008 2018 ge q1 implemented	2009	2010	2011 2021 Survey per	2022 iod	2013		
2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	Do you envision in the span 2004 Time span 2004 2014 WEST EAST No. 3.12) Wording 11/2014 1. 01/01/202 Is your cor	n of variable 2005 Name dl_minim1 of question	yes[1] 2006 2016 inimum wagoy this?	2007 2017 Label minimum wa	2008 2018 ge q1 implemented	2009	2010	2011 2021 Survey per	2022 iod	2013		
	Time span 2004 Time span 2004 VEST EAST No. 3.12) Wording Time span 11/2014 Time span 15 your core	n of variable 2005 Name dl_minim1 of question 15 the general manany affected by the second of t	inimum wagoy this?	2007 2017 Label minimum wa	2008 2018 ge q1 implemented	2009	2010	2011 2021 East and W	2022 fod /est 11/20	2013		
	Time span 2004 Time span 2004 VEST EAST No. 3.12) Wording Time span 11/2014 Time span 15 your core	n of variable 2005 Name dl_minim1 of question 15 the general manany affected by the second of t	inimum wagoy this?	2007 2017 Label minimum wa	2008 2018 ge q1 implemented	2009	2010	2011 2021 East and W	2022 fod /est 11/20	2013		

2014	4 2015	2016	2017	2018	2019	2020	2021	2022	2023
WEST									
EAST									

No.	Name		Label				Survey per	iod			Survey frequency
3.13)	dl_minim2		minimum wag	ge q2			East and W	/est 11/20	14		once
Wording o	of question										
										l	
1/2014										Further information	
	the general min any affected by		olicy will be im	plemented.							
		yes		no							
		1,									
2. If yes: With	h which measu	res will you lik	ely react to the	e minimum wa	ige?						
		1									
		[1] No measu	res neccessary	or scheduled							
Time snan	of variable		l								
Time Span	TOT VALIABLE										
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
EAST											

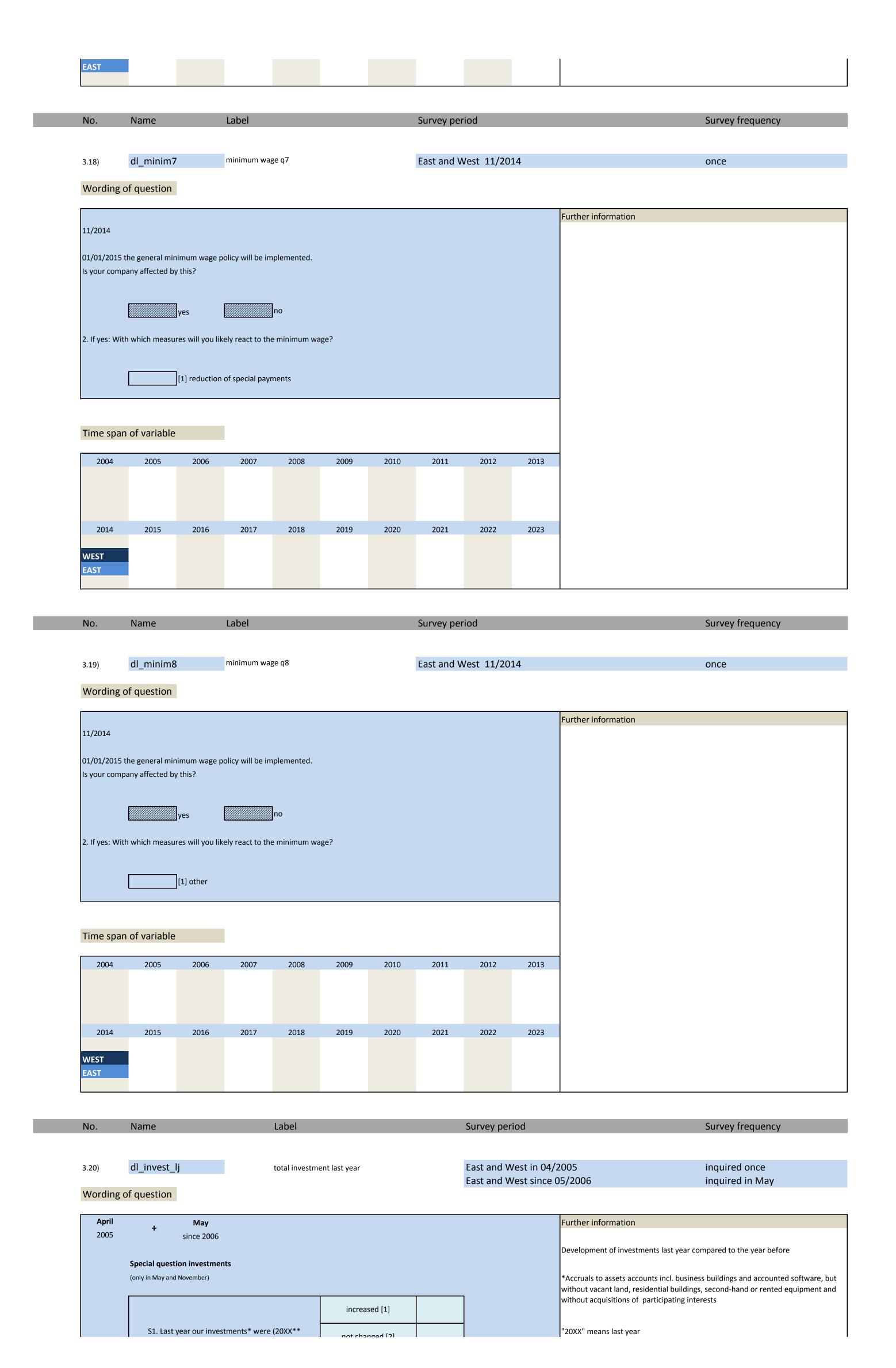
No.	Name		Label				Survey per	riod			Survey frequency
3.14)	dl_minim3		minimum wa	ge q3			East and V	Vest 11/20	14		once
Mording	of augstion										
wording c	of question										
										Further information	
11/2014											
01/01/2015 t	he general mini	mum wage po	olicy will be im	plemented.							
ls your comp	any affected by	this?									
		yes		no							
2. If ves: With	n which measur	es will vou like	elv react to the	e minimum wa	ige?						
, , , , , , , , , , , , , , , , , , , ,		, , , , , , , , , , , , , , , , , , , ,	.,								
		[1] personnel	cuts								
		[1] personner	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											
EAST											
										•	

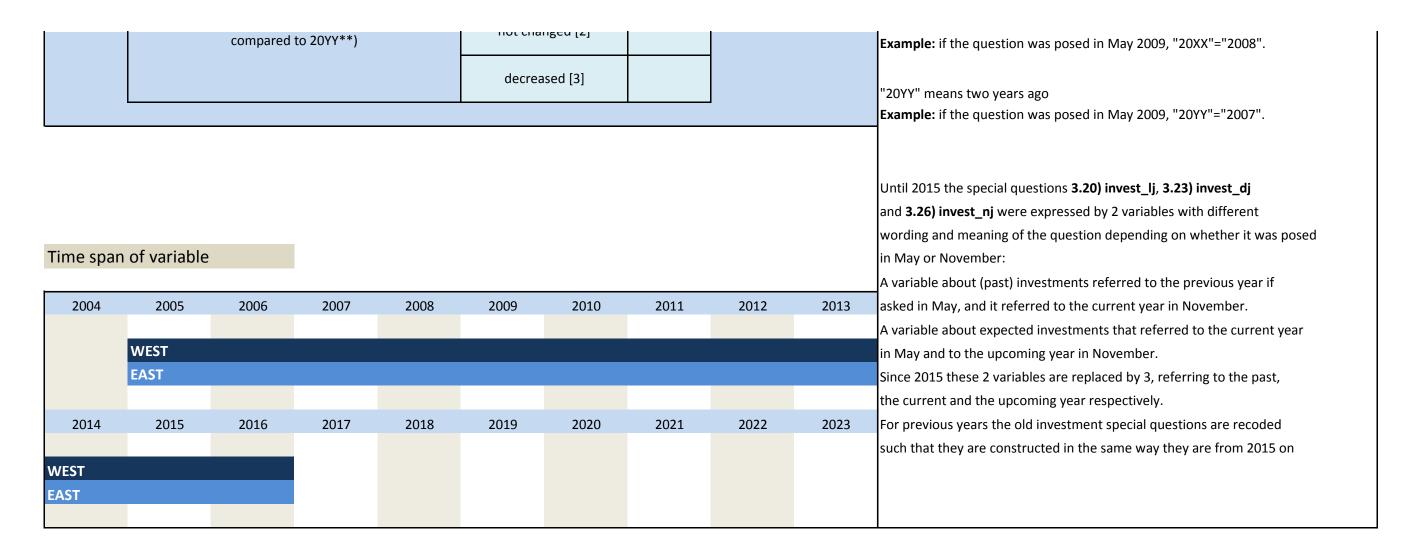
No.	Name	Label	Survey period		Survey frequency
3.15)	dl_minim4	minimum wage q4	East and West 11/2014		once
Wording	of question				
				Further information	
11/2014				rurtilei iiioiiiatioii	
01/01/2015	the general minimum wag	e policy will be implemented.			
	pany affected by this?	e poncy win be implemented.			

2. If yes: With	yes If yes: With which measures will you likely react to the minimum wage? [1] reduction of working hours										
	of variable		2007	2000	2000	2010	2044	2012	2042		
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2014 WEST EAST	2015	2016	2017	2018	2019	2020	2021	2022	2023		

No.	Name		Label				Survey per	riod			Survey frequency
2.46	dl minimE		minimum wag	e a5			Fact and M	Voct 11/20	1.4		onco
3.16)	dl_minim5		mmam wag	,c 43			EdSt dilu W	Vest 11/20	14		once
Wording o	f question										
										Further information	
11/2014											
01/01/2015 tł	ne general mini	mum wage po	olicy will be im	plemented.							
	any affected by		,								
	,	yes		no							
·											
2. If yes: With	which measure	es will you like	ely react to the	minimum wa	ge?						
		[1] increase in	prices								
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 per	riod			Survey frequency
			mainima	70 aC			F 1 13	1 1 1 1 1 2 2	4.4		
3.17)	dl_minim6		minimum wag	ge qb			East and V	Vest 11/20:	14		once
Wording o	of question										
										Further information	
11/2014											
01/01/2015 tl	he general mini	imum wage po	olicy will be im	plemented.							
	any affected by		·								
		yes		no							
2 If ves: With	n which measur	es will vou like	oly react to the	minimum wa	σ Α ?						
2. II yes. with	i willeli illeasui	es will you like	ily react to the	: iiiiiiiiiiwa	ge:						
		[1] reduction o	of investment								
		[1] (caacaa)	, mvestmene								
Time span	of variable										
2004	2005	2005	2007	2000	2000	2010	2011	2012	2012		
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
WEST											
WEST										I	'





No.	Name		Label				Survey per	riod		Survey frequency
3.21)	dl_invcon_	_lj	investment in	construction	last year		East and V	Vest since (05/2015	inquired in May
Wording	of question									
										Fruith an information
05/2015										Further information
Investment	s									
	(20YY** compa	red to 20WW	**) our investm	nents* were						
					Total investm					*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
					increas					*20YY means last year
	S1. Last	year our inves	stments* were	(20XX**	not char	nged [2]				e.g.: If the question was posed in 2015: 20YY=2014
		compared	to 20YY**)		not char	igeu [2]				*20WW means two years ago
					decrea	sed [3]				e.g.: If the question was posed in 2015: 20WW=2013
- '										
Time spa	n 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 per	iod		Survey frequency		
22)	dl_inveq_lj		investment in	equipment la	st year		East and W	Vest since (05/2015	inquired in May		
Vording o	of question											
5/2015										Further information		
nvestments) Last year (2	20YY** compar	ed to 20WW [†]	**) our investn	nents* were	Total investn	nents,				*Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment an		
	S1. Last y		stments* were	(20XX**		sed [1]				*20YY means last year e.g.: If the question was posed in 2015: 20YY=2014		
		compared	to 20YY**)			ased [3]				*20WW means two years ago e.g.: If the question was posed in 2015: 20WW=2013		
ïme span	of variable											
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			



Label

No.

Name

Survey period

Survey frequency

dl_invest_dj inquired in May, November East and West since 05/2006 3.23) total investment this year Wording of question April May Further information 2005 since 2006 Development of Investments 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 software, but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests increase [1] S2. <u>In the current year</u> our investments* will likely not change [2] (20WW** compared to 20XX**) "20WW" means current year decrease [3] **Example:** If the question was posed in November 2009, "20WW"="2009". November "20XX" means last year 2006 - 2008 **Example:** if the question was posed in May 2009, "20XX"="2008". **Special question investments** (only in May and November) 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 increase [1] wording and meaning of the question depending on whether it was posed S1. <u>In the current year</u> our investments* will likely in May or November: stay the same [2] (20WW**compared to 20XX**) A variable about (past) investments referred to the previous year if asked in May, and it referred to the current year in November. decrease[3] A variable about expected investments that referred to the current year in May and to the upcoming year in November. November May Since 2015 these 2 variables are replaced by 3, referring to the past, since 2009 since 2015 the current and the upcoming year respectively. For previous years the old investment special questions are recoded **Special question investments** such that they are constructed in the same way they are from 2015 on (only in May and November) increased [1] S1. <u>In the current year</u> our investments* will likely be not changed [2] (20WW** compared to 20XX**) decreased [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 dl_invcon_dj investment in construction this year East and West since 05/2015 inquired in May/November 3.24) Wording of question Further information May November since 2015 **Special question investments** (only in May and November) *Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and Total investments, without acquisitions of participating interests thereof in: construction

Pa	σe	20
Гα	KC.	20

2008

2009

2007

*20XX means current year

**20YY means last year

e.g.: If the question was posed in 2015: 20XX=2015

e.g.: If the question was posed in 2015: 20YY=2014

increased [1]

not changed [2]

decreased [3]

2006

2005

S1. <u>In the current year</u> our investments* will likely be

(20WW** compared to 20XX**)

2003

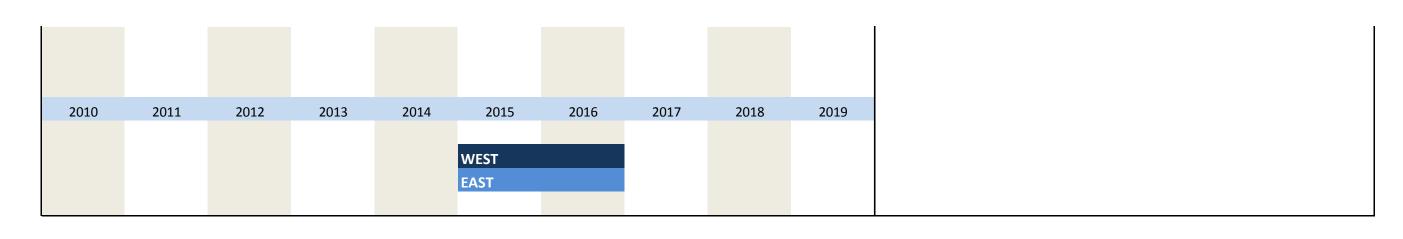
2004

2002

Time span of variable

2001

2000

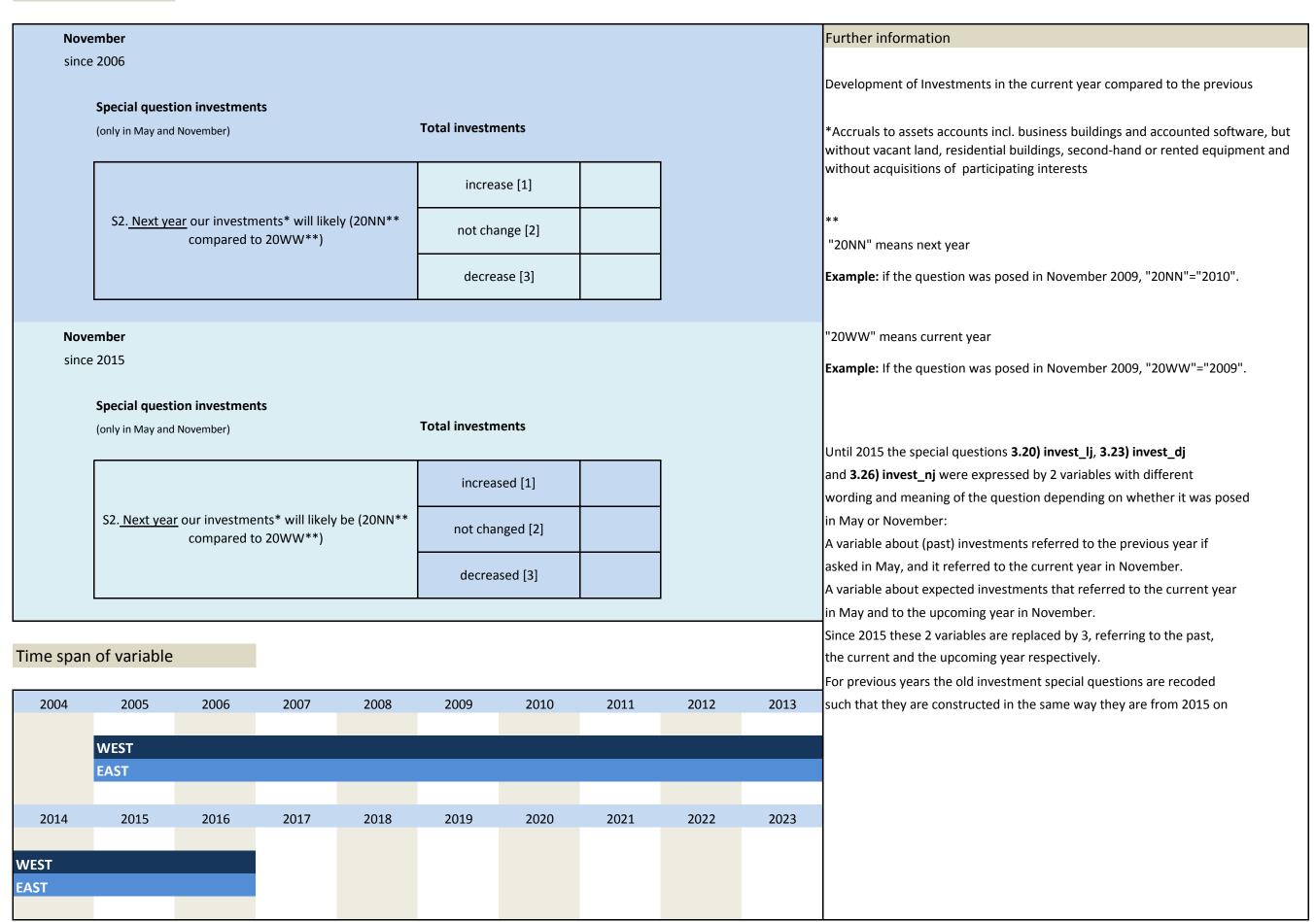


No.	Name		Label				Survey per	riod		Survey frequency
3.25)	dl_inveq_d	dj	investment in	equipment th	iis year		East and West since 05/2015			inquired in May/November
Wording of	of question									
			24-							E allo de Constant
Nov	vember	+	May since 2015							Further information
	Special quest (only in May and		nts							
					Total investm	ents,				*Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and
					thereof in: eq	uipment	T]		without acquisitions of participating interests
					increas	sed [1]				*20XX means current year
			r investments* pared to 20XX*		not char	nged [2]				e.g.: If the question was posed in 2015: 20XX=2015
					decrea	sed [3]				**20YY means last year e.g.: If the question was posed in 2015: 20YY=2014
								J		- Line question was posed in 2015. 2011–2014
Time spar	n 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

3.26) dl_invest_nj total investment next year East and West since 11/2006 inquired in November

Wording of question



No.	Name	Label	-	_	-	Survey pe	riod	_	Survey frequency
, 1101	, taine	1 40.0.				3 0.1107 pc			Survey mequency
3.27)	dl_invcon_nj	investment in co	onstruction	next year		East and V	Vest since	11/2015	inquired in November
Wording o	of question								
Nove	ember								Further information
since	e 2015								
	Special question investion (only in May and November			Total investm	nents.				
	(only in way and November)		thereof in: co			1		*Accruals to assets accounts incl. business buildings and accounted software, but
				increas	sed [1]				without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests
	S2. <u>Next year</u> our inve	stments* will likely be red to 20WW**)	e (20NN**	not chai	nged [2]				**
				decrea	sed [3]				"20NN" means next year
						•	_		Example: if the question was posed in November 2009, "20NN"="2010".
Time span	of variable								"20WW" means current year
2000	2001 2002	2 2003	2004	2005	2006	2007	2008	2009	Example: If the question was posed in November 2009, "20WW"="2009".
2010	2011 2012	2 2013	2014	2015	2016	2017	2018	2019	
				WEST					
				EAST					
No.	Name	Label	-		-	Survey pe	riod		Survey frequency
3.28)	dl_inveq_nj	investment in eq	ղսipment n	ext year		East and V	Vest since	11/2015	inquired in November
	of question							,	•
									Fronth on information
	ember e 2015								Further information
	Special question invest	tments							
	(only in May and November)		Total investment thereof in: eq			_		*Accruals to assets accounts incl. business buildings and accounted software, but
				increas	sed [1]				without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests
	S2. <u>Next year</u> our inve	estments* will likely be red to 20WW**)	e (20NN**	not char	nged [2]		1		**
	·			decrea	sed [3]		1		"20NN" means next year
									Example: if the question was posed in November 2009, "20NN"="2010".
Time span	of variable								"20WW" means current year
2000	2001 2002	2 2003	2004	2005	2006	2007	2008	2009	Example: If the question was posed in November 2009, "20WW"="2009".
					,,,,				
2010	2011 2012	2 2013	2014	2015	2016	2017	2018	2019	
				WEST					
				EAST					
No.	Name	Label				Survey pe	riod		Survey frequency
		of constant	. 4						
	dl_ref1	refugees questio	on 1			East and V	Vest 12/20	15	once
Wording o									
	of question								
12/2015	of question								Further Information
		ation of acutives a	to ha	loved in the C	llowis z	tions?			Further Information
	do you assess the poten		to be emp		llowing posit	tions?			Further Information
		itial of asylum seekers [1] small	to be emp	loyed in the fol	llowing posit	tions?			Further Information
1. How large (to be emp		llowing posit	tions?			Further Information
	do you assess the poten		to be emp		llowing posit	tions?			Further Information
1. How large o	do you assess the poten		to be emp		llowing posit	tions?			Further Information

2010	2011	2012	2013	2015 WEST EAST	2016	2017	2018	2019

No.	Name		Label				Survey per	riod		Survey frequency
3.30)	dl_ref2		refugees que	stion 2			East and V	Vest 12/20	15	once
Wording	of question									
2/2015										Further Information
					1 1 1 1 6 1		2			
How large	e do you assess the	e potential	l of asylum seek	ers to be em	ployed in the fol	llowing positi	ons?			
			[1] small		[2] large					
	unskilled aid wo	orkers]						
Time spar	n 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 per	riod		Survey frequency
3.31)	dl_ref3		refugees que	stion 3			East and V	Vest 12/20	15	once
Wording	of question									
										Further Information
12/2015										
L. How large	e do you assess the	e potential	l of asylum seek	ers to be em	ployed in the fol	llowing positi	ons?			
			[1] small		[2] large					
			[1] 5	1	[2] idige	ı				
	skilled workers			J						
										7
Time spar	n of variable									
		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	riod	-	Survey frequency
			20.00				от тоу ро			
3.32)	dl_ref4		refugees que	stion 4			East and V	Vest 12/20	15	once
								,		
Wording	of question									
										Further Information
12/2015										
1. How large	e do you assess the	e potential	l of asylum seek	ers to be em	ployed in the fol	llowing positi	ons?			
			[1] small		[2] large					
			[1] small		[2] large					
	leading position	S								
										-
ime spar	n 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 per	iod			Survey frequency	
3.33)	dl_ref5		refugees ques	tion 5			East and W	/est 12/20	15		once	
Wording o	of question											
										Further Information		
12/2015												
1. How large	do you assess	the potential	of asylum seek	ers to be emp	loyed in the fol	lowing position	ons?					
			[1]		[2] laws							
			[1] small		[2] large							
	other position	ıs										
Time snan	of variable											
rime span	of variable											
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009			
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019			
2010	2011	2012	2013	2011	2013	2010	2017	2010	2013			
					WEST EAST							
					LASI							

No.	Name		Label				Survey per	iod		Survey frequency	
3.34)	dl_ref6		refugees ques	ition 6			East and W	/est 12/20	15	once	
Wording o	of question										
	•									Further Information	
12/2015										Further Information	
2. how much	of an obstacle	to employing	asylum seeker	s do you cons	sider the follow	ing factors to	be in your brar	ich:			
			[1] little		[2] much						
	labor law-rela	ited provisions									
		,									
Time span	of variable										
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009		
2000	2001	2002	2003	2004	2003	2000	2007	2000	2003		
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
					WEST						
					EAST						

No.	Name	Label	9	Survey period		Survey frequency
3.35)	dl_ref7	refugees question 7	F	East and West 12/2015		once
3.33)	ui_iei/			Last and West 12/2015		Office
Wor	rding of question					
					C. who we have a second	
12/20	015				Further Information	
2. ho	w much of an obstacle to emp	oloying asylum seekers do you consider the	following factors to be	e in your branch:		
		[1] little	[2] much			
	unfit level of qualifica	ation				

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

	once								Label		Name	No.
			15	Vest 12/20	East and W			stion 8	refugees que		dl_ref8	3.36)
				,							of question	
		<u> </u>									- question	wording
		Further Information										12/2015
				nch:	be in your brai	ing factors to	sider the follow	rs do vou con	g asylum seeke	e to employing	h of an obstacle	2. how muc
					,			, ,		- · · · · · · · · · · · · · · · · · · ·		
							[2] much	1	[1] little			
										ige	minimum wa	
										2	n of variable	Time spa
			2009	2008	2007	2006	2005	2004	2003	2002	2001	2000
			2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
							WEST					
							EAST					
СУ	Survey frequency			riod	Survey per				Label		Name	No.
	once		15	Vest 12/20	East and W			stion 9	refugees que		dl_ref9	3.37)
											of question	Wording
		Further Information										
		Further Information										12/2015
		Further Information		nch:	be in your brai	ing factors to	sider the follow	rs do you con	g asylum seeke	e to employing	h of an obstacle	
		Further Information		nch:	be in your brai	ing factors to	sider the follow [2] much	rs do you con	; asylum seeke [1] little	e to employing	h of an obstacle	
		Further Information		nch:	be in your brai	ing factors to		rs do you con			h of an obstack	
		Further Information		nch:	be in your brai	ing factors to		rs do you con				
		Further Information		nch:	be in your brai	ing factors to		rs do you con		age skills	lack of langu	2. how muc
		Further Information	2000				[2] much]	[1] little	age skills	lack of langu n of variable	2. how muc
		Further Information	2009	2008	be in your brai	ing factors to		rs do you con		age skills	lack of langu	2. how muc
		Further Information	2009				[2] much]	[1] little	age skills	lack of langu n of variable	2. how muc
		Further Information		2008	2007	2006	[2] much	2004	[1] little	age skills	lack of langu n of variable 2001	Time spa
		Further Information	2009				[2] much 2005]	[1] little	age skills	lack of langu n of variable	2. how muc
		Further Information		2008	2007	2006	[2] much	2004	[1] little	age skills	lack of langu n of variable 2001	Time spa
		Further Information		2008	2007	2006	2005 2015 WEST	2004	[1] little	age skills	lack of langu n of variable 2001	Time spa
	. Y	Survey frequence		2008	2007	2006	2005 2015 WEST	2004	[1] little	age skills	lack of langu n of variable 2001	Time spa
	; y		2019	2008 2018	2007 2017 Survey per	2006	[2] much 2005 2015 WEST EAST	2004	[1] little 2003 2013 Label	2002 2012	n of variable 2001 2011 Name	2. how muc Time spa 2000
	; y		2019	2008 2018	2007	2006	[2] much 2005 2015 WEST EAST	2004	2003 2013	age skills 2002 2012	n of variable 2001 2011 Name dl_minim_	2. how muc Time spa 2000
	;y	Survey frequence	2019	2008 2018	2007 2017 Survey per	2006	[2] much 2005 2015 WEST EAST	2004	[1] little 2003 2013 Label	age skills 2002 2012	n of variable 2001 2011 Name	2. how muc Time spa 2000
			2019	2018 riod	2017		2015 WEST	2014	2013	2012	Name dl_ref9	010

Da

[2] no

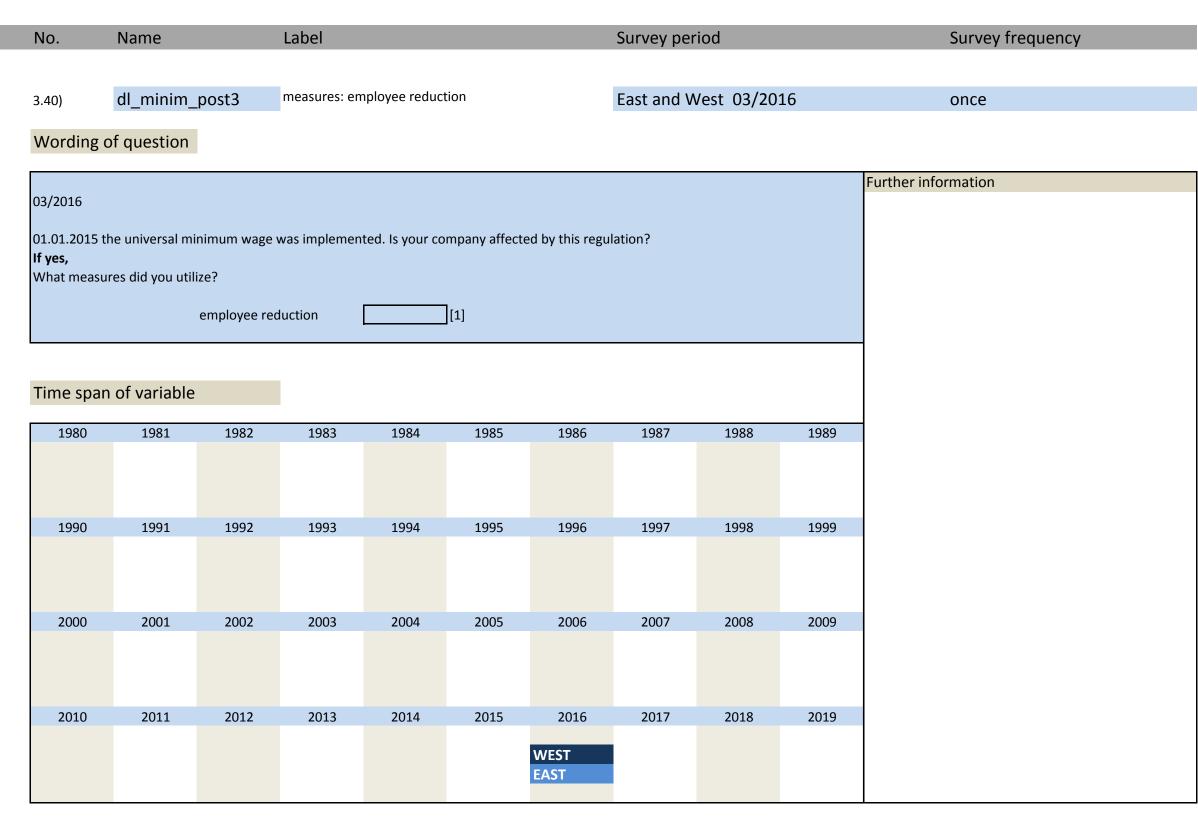
01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation?

[1] yes

Time span of variable

1000	1001	1000	1000	1001	1005	1005	4007	1000	1000
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
	-	-					-		
						WEST			
						EAST			

No.	Name		Label				Survey per	riod		Survey frequency
.39)	dl_minim_	post2	no minimum v	wage measure	es		East and V	Vest 03/20	16	once
Vording o	of question									
										Further information
yes, Vhat measu	ne universal miners did you utili	ze?	was implement		mpany affect	ed by this regul	lation?			
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
	2002	-505		-55	2000	2000	200,			
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016 WEST EAST	2017	2018	2019	



No.	Name	Label	Survey period	Survey frequency
3.41)	dl_minim_post4	measures: working hour reduction	East and West 03/2016	once

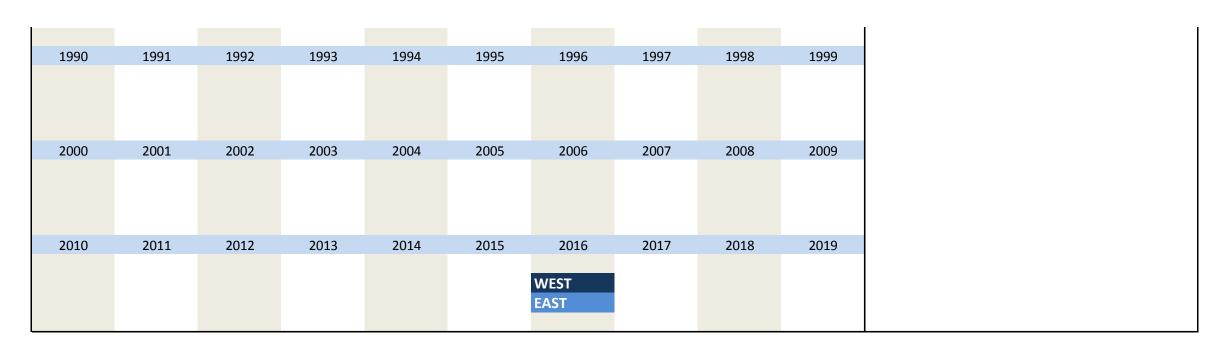
Wording of question

										Further information
03/2016										
01.01.2015 th	e universal mii	nimum wage v	vas implement	ted. Is your co	mpany affecte	ed by this regul	ation?			
f yes,										
What measure	es did you utili	ze?								
		working hour	reduction		[1]					
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1900	1901	1902	1303	1904	1303	1900	1907	1300	1303	
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	2013	2010	2017	2010	2013	
						WEST				
						EAST				

	Name		Label				Survey per	riod		Survey frequency
42)	dl_minim_	post5	measures: inc	reased prices			East and V	Vest 03/20	16	once
Vording o	f question									
3/2016										Further information
yes, /hat measur	e universal mi es did you utili of variable	ize? increased pric			mpany affecto	ed by this regu	lation?			
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
									2900	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991 2001	1992	1993 2003	1994	1995 2005	1996 2006	1997 2007	1998		
									1999	
									1999	

	Name		Label				Survey per	iod		Survey frequency
3)	dl_minim_	post6	measures: ded	creased invest	ment		East and W	/est 03/201	16	once
ording o	f question									
2016										Further information
	o universal mi	nimum waga y	was implement	tad la vour co	mnany affacts	nd by this regul	ntion?			
es,			was impiemem	tea. is your co	трапу апесте	ed by this regula	ations			
at measur	es did you util	ize?			_					
		4 1 :	uctment		[1]					
		decreased inv	restillent [][±]					
		decreased inv	restillent		lr _T 1					
ne span	of variable		vestillent [lr ₁					
	of variable					1986	1987	1988	1989	
			1983	1984	1985	1986	1987	1988	1989	
ne span 1980	of variable					1986	1987	1988	1989	
1980	of variable					1986	1987 1997	1988	1989	
1980	of variable	1982	1983	1984	1985					
1980	of variable	1982	1983	1984	1985					
1980	of variable	1982	1983	1984	1985					
1980	of variable 1981 1991	1982	1983	1984	1985 1995	1996	1997	1998	1999	
	of variable 1981 1991	1982	1983	1984	1985 1995	1996	1997	1998	1999	

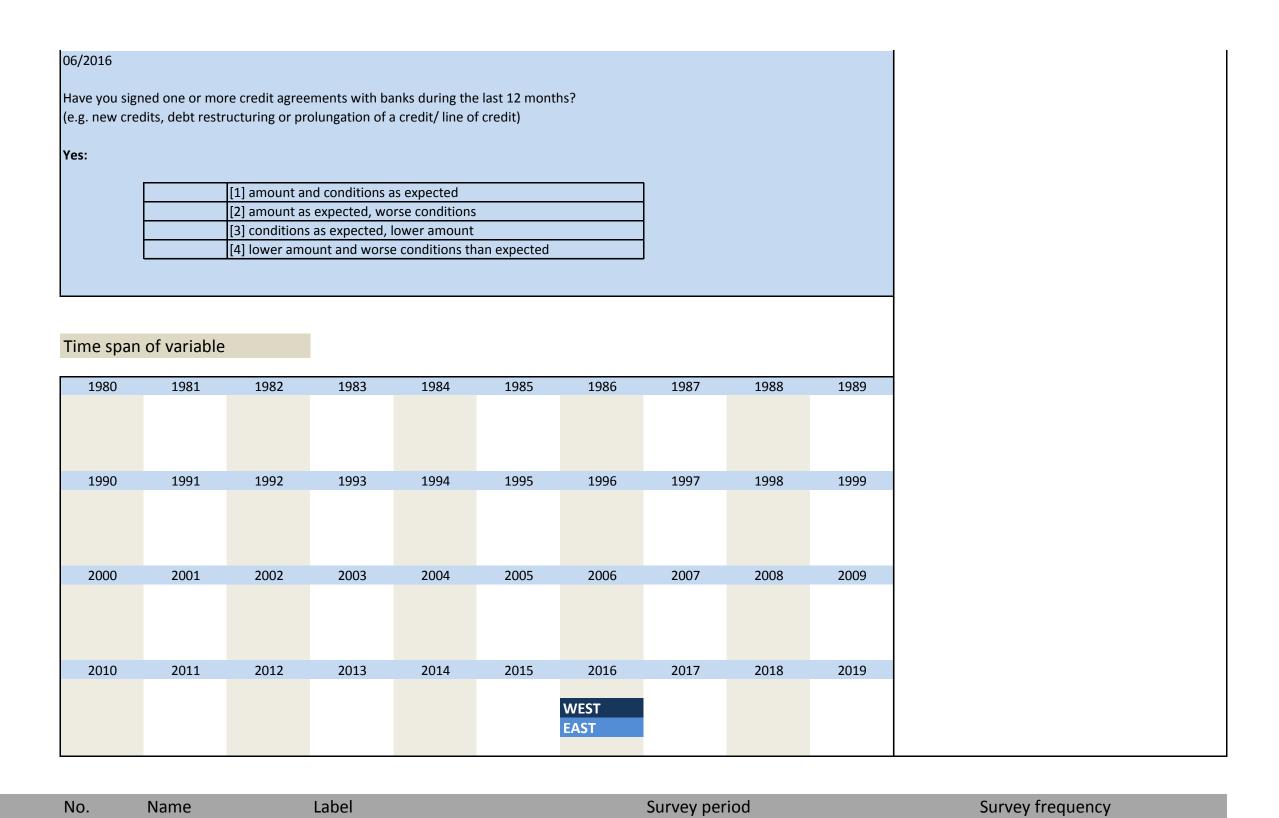
No.	Name		Label				Survey per	riod		Survey frequency
3.44)	dl_minim_p	nost7	measures: de	ecreased specia	al payments		Fast and V	Vest 03/20	16	once
	of question	50317		·	•		Lust and V	Vest 03/20	10	onec
										Further information
03/2016	the universal min	nimum waga	was implemen	atad Is your sa	mnany affact	end by this ragu	ulation?			
f yes,	ures did you utiliz		was implemen	itea. is your co	mpany arrect	ed by tills regu	alation:			
	decresed spec		;][1]					
Time spar	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						EAST				
No.	Name	_	Label				Survey per	·ind		Survey frequency
	ranic		Label				Jan vey per	100		Survey mequency
3.45)	dl_minim_p	post8	less minijobs				East and V	Vest 03/20	16	once
Wording of the control of the contro	of question	nimum wage	was implemer	nted. Is your co	ompany affect	ed by this regu		Vest 03/20	16	once Further information
Wording o	of question	nimum wage	was implemer	nted. Is your co	ompany affect	ed by this regu		Vest 03/20	16	
Wording 6 03/2016 01.01.2015 t Has there be	of question the universal min	nimum wage	was implemer	nted. Is your co	-	ed by this regu		Vest 03/20	16	
Wording of the control of the contro	of question the universal miner a change in eless minijobs	nimum wage employment	was implemer in your compa	nted. Is your co][1]		ılation?			
Wording of 03/2016 01.01.2015 the Has there be	of question the universal min	nimum wage	was implemer	nted. Is your co	-	ted by this regul		1988	1989	
03/2016 01.01.2015 t Has there be Time spar 1980	of question the universal miner a change in eless minijobs n of variable 1981	nimum wage employment 1982	was implemer in your compa	nted. Is your co	1985	1986	ulation?	1988	1989	
Wording of 03/2016 01.01.2015 the Has there be	of question the universal miner a change in eless minijobs	nimum wage employment	was implemer in your compa	nted. Is your co][1]		ılation?			
Wording of 03/2016 01.01.2015 to Has there be 1980 1990	che universal mineen a change in eless minijobs n of variable 1981 1991	nimum wage employment 1982	was implement in your compart 1983	1984 1994	1985 1995	1986	1987 1997	1988	1989	
Wording of 03/2016 01.01.2015 to Has there be 1980	of question the universal miner a change in eless minijobs n of variable 1981	nimum wage employment 1982	was implemer in your compa	nted. Is your co	1985	1986	ulation?	1988	1989	
Wording of 03/2016 01.01.2015 to Has there be 1980 1990	che universal mineen a change in eless minijobs n of variable 1981 1991	nimum wage employment 1982	was implement in your compart 1983	1984 1994	1985 1995	1986	1987 1997	1988	1989	
Wording of 03/2016 01.01.2015 to Has there be 1980 1990	che universal mineen a change in eless minijobs n of variable 1981 1991	nimum wage employment 1982	was implement in your compart 1983	1984 1994	1985 1995	1986 1996 2006	1987 1997	1988	1989	
03/2016 01.01.2015 t Has there be 1980 2000	of question the universal minusen a change in eless minijobs n of variable 1981 1991 2001	1982 1992 2002	was implement in your comparts 1983	1984 1994 2004	1985 1995 2005	1986 1996 2006	1987 1997 2007	1988	1989	
03/2016 01.01.2015 t Has there be 1980 2000	of question the universal mineral change in eless minijobs n of variable 1981 1991 2001 2011	1982 1992 2002	was implement in your compact 1983 1983 2003	1984 1994 2004	1985 1995 2005	1986 1996 2006 2016	1987 1997 2007	1988 1998 2008	1989	Further information
03/2016 01.01.2015 t Has there be 1980 2000	of question the universal minusen a change in eless minijobs n of variable 1981 1991 2001	1982 1992 2002	was implement in your comparts 1983	1984 1994 2004	1985 1995 2005	1986 1996 2006 2016	1987 1997 2007	1988 1998 2008	1989	
03/2016 01.01.2015 t Has there be 1980 2000	of question the universal mineral change in eless minijobs n of variable 1981 1991 2001 2011	nimum wage employment 1982 1992 2002	was implement in your compassion 1983 1993 2003 Label	1984 1994 2004	1985 1995 2005	1986 1996 2006 2016 WEST EAST	1987 1997 2007 2017	1988 1998 2008	1989	Further information
Wording of 03/2016 01.01.2015 to Has there be 1980 1990 2000 2010 No.	che universal min een a change in e less minijobs n of variable 1981 2001 2011 Name	nimum wage employment 1982 1992 2002	was implement in your compassion 1983 1993 2003 Label	1984 1994 2004	1985 1995 2005	1986 1996 2006 2016 WEST EAST	1987 1997 2007 2017	1988 1998 2008	1989	Survey frequency
Wording of 03/2016 01.01.2015 to Has there be 1980 1990 2000 2010 No.	che universal min een a change in e less minijobs n of variable 1981 2001 2011 Name dl_minim_p	nimum wage employment 1982 1992 2002	was implement in your compassion 1983 1993 2003 Label	1984 1994 2004	1985 1995 2005	1986 1996 2006 2016 WEST EAST	1987 1997 2007 2017	1988 1998 2008	1989	Survey frequency
Wording of 03/2016 01.01.2015 to Has there be 1980 1990 2000 2010 No. 3.46) Wording of 03/2016	che universal min een a change in e less minijobs n of variable 1981 2001 2011 Name dl_minim_p	1982 1992 2002 2012	was implement in your compact 1983 1983 2003 2013 Label minijobs tran	1984 1994 2004 2014	1985 1995 2005 2015	1986 1996 2006 2016 WEST EAST	1987 1997 2007 Survey per East and V	1988 1998 2008	1989	Survey frequency once
Wording of 03/2016 01.01.2015 that there be 1980 1990 2000 2010 03/2016 01.01.2015 the control of the control o	che universal min een a change in e less minijobs n of variable 1981 2001 2011 Name dl_minim_p of question	1982 1992 2002 2012	was implement in your compact 1983 1983 2003 2013 Label minijobs trans was implement	1984 1994 2004 2014 asformed into i	1985 1995 2005 2015	1986 1996 2006 2016 WEST EAST	1987 1997 2007 Survey per East and V	1988 1998 2008	1989	Survey frequency once
Wording of 03/2016 01.01.2015 that there be 1980 1990 2000 2010 03/2016 01.01.2015 the control of the control o	che universal min een a change in e less minijobs n of variable 1981 2001 2011 Name che universal min een a change in e minijobs were	1982 1992 2002 2012 const9	was implement in your compact 1983 1983 2003 2013 Label minijobs trans in your compact in your your your your your your your your	1984 1994 2004 2014 asformed into i	1985 1995 2005 2015	1986 1996 2006 2016 WEST EAST	1987 1997 2007 Survey per East and V	1988 1998 2008	1989	Survey frequency once
Wording of 03/2016 01.01.2015 that there be 1980 1990 2000 2010 03/2016 01.01.2015 the control of the control o	che universal min een a change in e less minijobs n of variable 1981 2001 2011 Name che universal min een a change in e che universal min een a change in e	1982 1992 2002 2012 const9	was implement in your compact 1983 1983 2003 2013 Label minijobs trans in your compact in your your your your your your your your	1984 1994 2004 2014 asformed into i	1985 1995 2005 2015	1986 1996 2006 2016 WEST EAST	1987 1997 2007 Survey per East and V	1988 1998 2008	1989	Survey frequency once



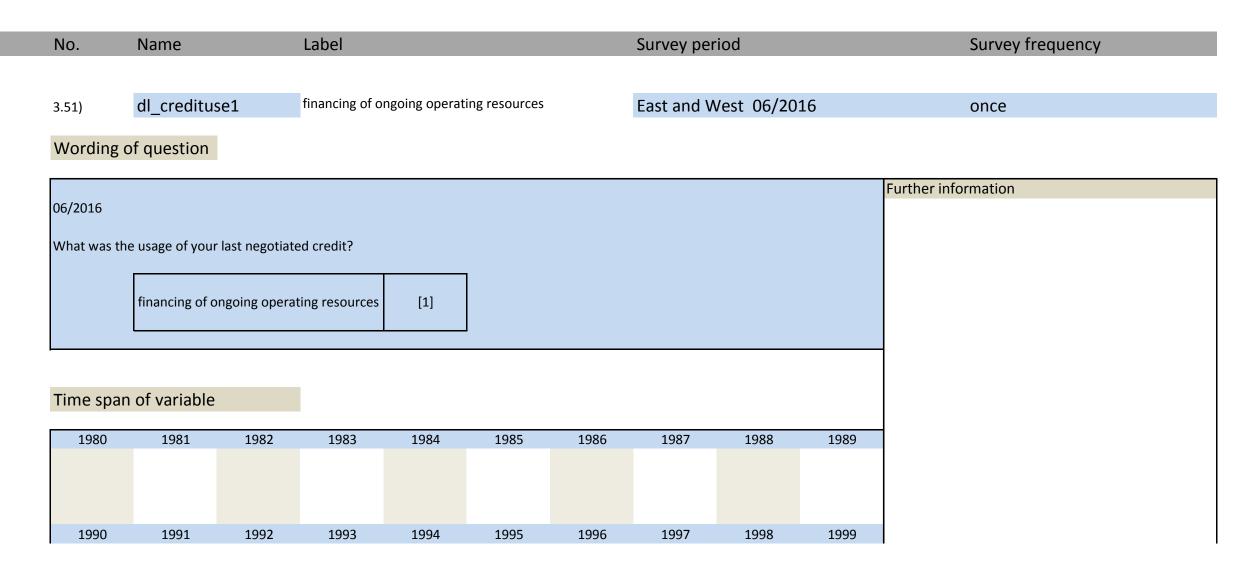
	Name		Label				Survey per	riod		Survey frequency
3.47)	dl_minim_	post10	new insurable	e employment			East and V	Vest 03/20	16	once
Wording	of question									
	•									Further information
03/2016										rurtiler information
01.01.2015 1	the universal mi	nimum wage	was implemen	ted. Is your co	mpany affect	ed by this regu	lation?			
	een a change in				' /	, 0				
nas there be	een a change in	employment	ın your compai	ıyr						
	new insurable	e employment	t was	[1]						
	generated			(-)						
										_
Time spai	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980			1983	1984	1985	1986	1987	1988	1989	
1980			1983	1984	1985	1986	1987	1988	1989	
1980 1990			1983 1993	1984 1994	1985 1995	1986 1996	1987 1997	1988 1998	1989 1999	
	1981	1982								
	1981	1982								
	1981	1982								
1990	1981	1982 1992	1993	1994	1995	1996	1997	1998	1999	
1990	1981	1982 1992	1993	1994	1995	1996	1997	1998	1999	
1990 2000	1981	1982 1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998	1999 2009	
1990	1981	1982 1992	1993	1994	1995	1996 2006 2016	1997	1998	1999	
1990 2000	1981	1982 1992 2002	1993 2003	1994 2004	1995 2005	1996 2006	1997 2007	1998	1999 2009	

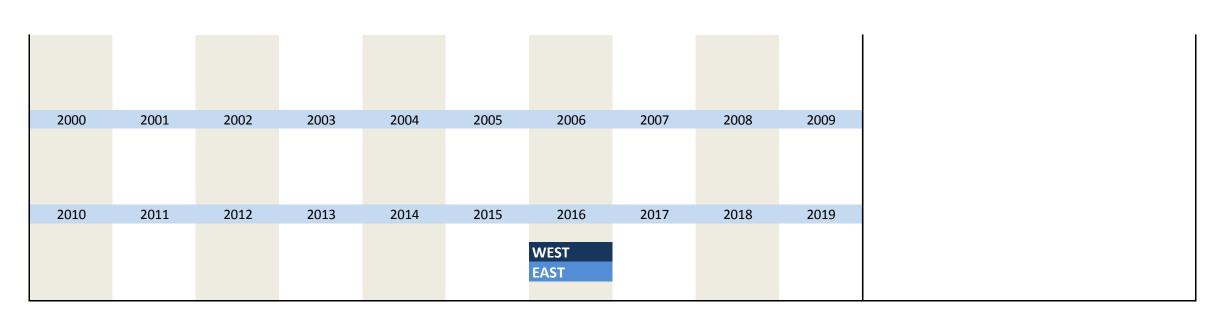
	Name		Label				Survey per	riod		Survey frequency
48)	dl_minim_	post11	employment	relationships (did not change	9	East and V	Vest 03/20	16	once
/ording	of question									
										Further information
3/2016										
1.01.2015	the universal mi	nimum wage	was implemen	ted. Is your co	mpany affect	ed by this regu	lation?			
as there b	een a change in	employment	in your compa	ny?						
	employment change	relationships	did not	[1]						
					J					
ime spa	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981		1983	1984	1985	1986	1987	1988	1989	
1980	1981		1983 1993	1984	1985 1995	1986 1996	1987 1997	1988	1989 1999	
		1982								
1990	1991	1982 1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1982 1992	1993	1994	1995	1996	1997	1998	1999	

NO.	ivame	Labei	Survey period	Survey frequency	
3.49)	dl_credityes	credit agreement signed	East and West 06/2016	once	
Wording	g of question				
				Further information	



10.	Ivallie		Label				Survey per	iou		Survey frequency
.50)	dl_creditno		credit agreem	ent not signed	d		Fast and V	Vest 06/20	16	once
.50)	ai_creattilo		2 - 0 3	2.2.76.10			Lust und V	100/20	10	Office
Vording (of question									
C /204 C										Further information
6/2016										
ave you sig	ned one or more	credit agree	ements with ba	inks during the	e last 12 mon	ths?				
e.g. new cre	edits, debt restru	cturing or pr	olungation of a	credit/ line o	f credit)					
o, because										
o, because	•									
		1] no need								
		 2] unaccepta 3] denied by 								
			c prospect of a	credit						
			, ,							
										1
ima snar	n of variable									
iiic spai	101 Variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						WEST EAST				
						EASI				





No.	Name		Label				Survey per	riod		Survey frequency
3.52)	dl_creditus	:e2	financing of a	n investment			East and W	Vest 06/20	16	once
3.32)	ai_createas		, and the second				East and V	vest 00, 20	10	onec .
Wording	of question									
										Further information
06/2016										
What was th	ne usage of your	last negotiate	ed credit?							
	financi	ng of an inves	stment	[1]						
										1
Time spar	n of variable		l							
Tille Spai	i di valiable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000		2002	2003	2007	2003	2000	2007	2000	2005	
2000	2001									
2000	2001									
2000	2011	2012	2013	2014	2015	2016	2017	2018	2019	
		2012	2013	2014	2015	WEST	2017	2018	2019	
		2012	2013	2014	2015		2017	2018	2019	

No.	Name		Label				Survey per	riod		Survey frequency
3.53)	dl_creditus	se3	other financin	g			East and W	Vest 06/20	16	once
Wording	of question									
0.5 / 0.0 + 5										Further information
06/2016										
What was th	e usage of your	last negotiate	ed credit?							
		others		[1]						
		others		[±]						
Time spa	of variable									
Time spa	n of variable									
Time spa	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
			1983	1984	1985	1986	1987	1988	1989	
			1983	1984	1985	1986	1987	1988	1989	
1980	1981	1982								
			1983 1993	1984	1985 1995	1986 1996	1987 1997	1988 1998	1989 1999	
1980	1981	1982								
1980	1981	1982								
1980 1990	1981 1991	1982 1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1982								
1980 1990	1981 1991	1982 1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990	1981 1991	1982 1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990	1981 1991	1982 1992	1993	1994	1995	1996	1997	1998	1999	

No.	Name	Label	Survey period	Survey frequency
3.54)	dl_midmanager	mid tier: more than 4 managers	East and West 08/2016	once
Wording	g of question			
				E albania fa constitui
00/2016				Further information
08/2016				Further Information
08/2016 mid tier				Further Information
mid tier	company have more than 4 i	managers?		Further Information

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

No.	Name		Label				Survey per	riod		Survey frequency
3.55)	dl_midman	share	mid tier: at lea	ast one manag	er has shares		East and W	Vest 08/20	16	once
Wording o	of question									
08/2016										Further information
mid tier	one of your ma	nagers hold s	shares of your c	company?						
	Y	yes [1]			no [2]					
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST EAST				

No.	Name		Label				Survey per	riod		Survey frequency
3.56)	dl_midyes		mid tier: com	oany rated as	mid tier		East and V	Vest 08/20	16	once
Mondina	of aostion									
wording	of question									
00/2016										Further information
08/2016										
mid tier Would you	rate your comp	any as a "mid t	ier" company?							
					[2]		1			
		yes [1]			no [2]					
Time spa	n of variable	2								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2002	2004	2005	2006	2007	2000	3000	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						EAST				
										<u>I</u>