

#### List of variables

## **Ifo Business Survey Construction**

Data: 1/1991-12/2016

As of January 2017

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# **List of variables - Ifo Business Survey Construction**

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# 2. Standard questions VII. Special questions\*\*/remarks\*\*\* II. Construction orders III. Prices of construction IV. State of business V. Utilization of capacity\* VII. Special questions\*\*/remarks\*\*\* Outlining of questionnaire \*until 11/2001 "utilization of equipment" \*\*\* main construction trades VI. Employees \*\*\* prefabricated building construction

The special questions were only inquired for the main construction trades. For the prefabricated building construction only remarks are intended for this field in the questionnaire. Due to the alignment of economic cycle surveys of the EU the questionnaires were dispatched circa 1 week later since 01/2002. That is why there is no inquiry in 12/2001.

#### 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 adress file id	Firmenidentifikationsnummer
1.5)	runnum	running number of plant	Laufende Firmennummer
1.6)	bau_plantnum	KT information id	12-stellige KT Identifikationsnummer
1.7)	bau_westeast	western eastern	Unterscheidung zwischen West- und Ost-Erhebung
1.8)	fedstaifo	federal state (ifo-code)	Bundesland entsprechend ifo Codierung
1.9)	bau_latecomer	latecomer	Nachzügler
1.10)	sector_id	sector id	Sektor ID
1.11)	bau_sec2	classification according to federal statistical office (type of construction)	Bausektor, Einteilung nach amtlicher Statistik
1.12)	sector_bau	classification according to federal statistical office (type of construction)	Bausektor, Einteilung nach amtlicher Statistik
1.13)	online	online	Fragebogen online beantwortet
1.14)	survey_start	survey start	Umfragebeginn
1.15)	survey_end	survey end	Umfrageende
1.16)	participation_date	participation date	Teilnahmedatum
1.17)	participation_hour	participation hour	Teilnahmestunde
1.18)	participation_status	participation status	Teilnahmestatus

#### 2. Standard questions

### I. Construction activity

No.	Name	Label	German description
2.1)	bau_conactex	construction activity versus previous month	Bautätigkeit im Vormonat
2.2)	bau_constrain	constraints	Behinderung der Produktionstätigkeit
2.3)	bau_mplack	constraints: lack of manpower	Mangel an Arbeitskräften
2.4)	bau_matlack	constraints: lack of material	Materialknappheit
2.5)	bau_weathcon	constraints: weather conditions	Ungünstige Wetterlage
2.6)	bau_finan	constraints: financing	Unzureichende Finanzierungsmittel
2.7)	bau_ordlack	lack of orders	Mangel an Aufträgen
2.8)	bau_cancord	cancellation of orders	Auftragsstornierungen
2.9)	bau_othrea	constraints: other reasons	Andere Ursachen
2.10)	bau_conactfut	construction activity in 3 month	Bautätigkeit in den nächsten 3 Monaten

# II. Construction orders

	No.	Name	Label	German description		
	2.11) bau_ordvpm orders versus previous month					
			orders versus previous month	Bestand an Bauaufträgen		
	2.12)	bau_orders	orders (appraisal)	Auftragsbestand		
	2.13) bau_ranord		range of orders in months	Auftragsbestände in Monaten		

## III. Prices of construction

No.	Name	Label	German description
2.14)	bau_prvpm	prices versus previous month	Baupreise im Verlgeich zum Vormonat
2.15)	bau_prcoco	prime costs covering	Erzielbare Baupreise
2.16)	bau_exppr	expected prices	Erwartete Baupreise

#### IV. State of business

No.	Name	Label	German description		
2.17)	bau_statebus	state of business (appraisal)	Beurteilung der Geschäftslage		
2.18)	bau_comexp	expected commercial operations	Erwartungen der Geschäftslage		

#### V. Utilization of capacity\*

Tr offization or capacity						
				* until 11/2001 "Utilization of equipment"		
	No.	Name	Label	German description		
	2.19)	bau_equiput2	equipment utilization in %	Kapazitätsauslastung		
	2.20)	bau equiput1	equipment utilization (civil engineering) in %	Kapazitätsauslastung im Bauhauptgewerbe		

#### VI. Employees

No.	Name	Label	German description
2.21) bau_emplexp ex		expected employees	Erwartete Entwicklung der Gesamtangestelltenzahl
2.22)	bau_indwork	industrial workers	Gewerbliche Arbeitnehmer
2.23)	bau_employ	employee	Angestellte
2.24)	bau statill	status of employee's illness in %	Krankenstand

#### 3. Special questions

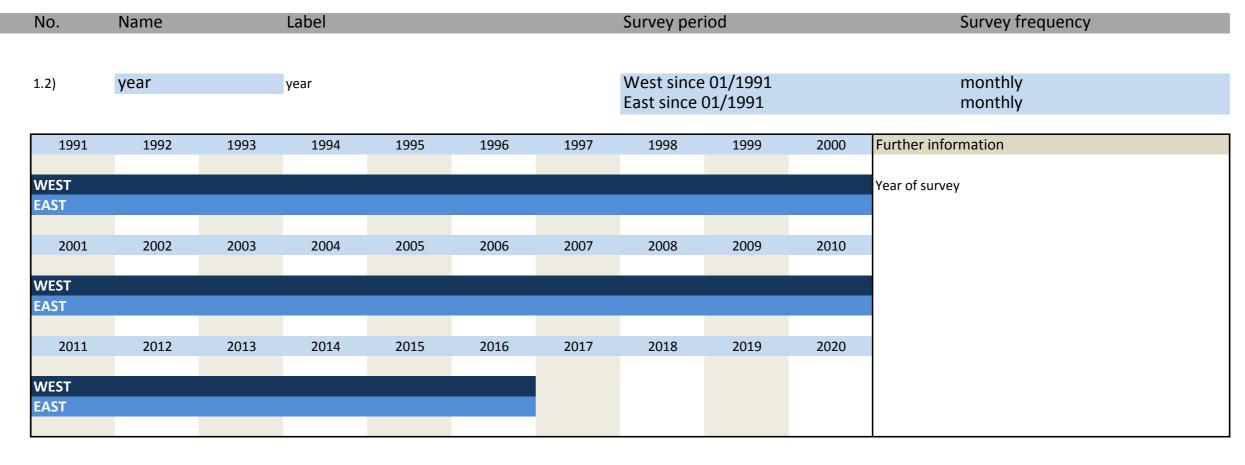
	VII. Spe	cial questions**/remarks***	
			** main construction trades, *** prefabricated building construction
No.	Name	Label	German description
3.1)	bau_backconst	backlog of constructions	Überhang an Bauten
3.2)	bau_subannsal	subcontractor: % of annual sales	Umsatz Subunternehmer in Prozent zum eigenen Jahresumsatz
3.3)	bau_submain	subcontractor: % for main contract work	Subunternehmerleistungen des Bauhauptgewerbes
3.4)	bau_subupgr	subcontractor: % for upgrading work	Subunternehmerleistungen des Ausbaugewerbes
3.5)	bau_subtrans	subcontractor: % for transport company	Subunternehmerleistungen von Transportunternehmen
3.6)	bau_subreba	subcontractor: % for reinforcing bars	Subunternehmerleistungen von Biegen und Verlegen von Betonstahl
3.7)	bau_subfowo	subcontractor: % for formwork	Subunternehmerleistungen von Schalungsarbeiten / Gerüstbau
3.8)	bau_subdiv	subcontractor: % for other companies	Subunternehmerleistungen von sonstigen Unternehmen
3.9)	bau_subfor	% for foreign subcontractors	Leistungen ausländischer Subunternehmer
3.10)	bau_undcons	% of undocumented constructions	Statistisch noch nicht erfasste Bauten
3.11)	bau_sphadis	sphere of action: % in same district	Umsatz im eigenen Landkreis
3.12)	bau_sphasfs	sphere of action: % in same federal state	Umsatz im eigenen Bundesland
3.13)	bau_sphaofs	sphere of action: % in other federal state	Umsatz in anderem Bundesland
3.14)	bau_sphafc	sphere of action: % in foreign country	Umsatz im Ausland
3.15)	bau_witiwoth	wintertime: work through	Winterbau
3.16)	bau_witilo	wintertime: lack of orders	Winterbau: Mangel an Aufträgen
3.17)	bau_witirc	wintertime: reasons of construction	Winterbau: baubetriebliche Gründe
3.18)	bau_witipw	wintertime: preference of workers	Winterbau: Präferenzen der Arbeiter
3.19)	bau_flight_ger	importance of flight connections in Germany	Bedeutung von Flugverbindungen zu Zielen in Deutschland
3.20)	bau_flight_eur	importance of flight connections in Europe	Bedeutung von Flugverbindungen zu Zielen in Europa
3.21)	bau_flight_world	importance of flight connections worldwide	Bedeutung von Flugverbindungen zu Ziele weltweit
3.22)	bau_sdco	special difficulties: cancelation of order	Auftragsstornierungen
3.23)	bau_sddp	special difficulties: defaulting payment	Säumige Zahlungsweise der Auftraggeber
3.24)	bau_sdlap	special difficulties: labor piracy of manpower	Abwerbung von Arbeitskräften
3.25)	bau_sdbreach	special difficulties: breach of VOB-conditions	Verletzung der VOB-Bestimmungen
2.26\	lance and an		

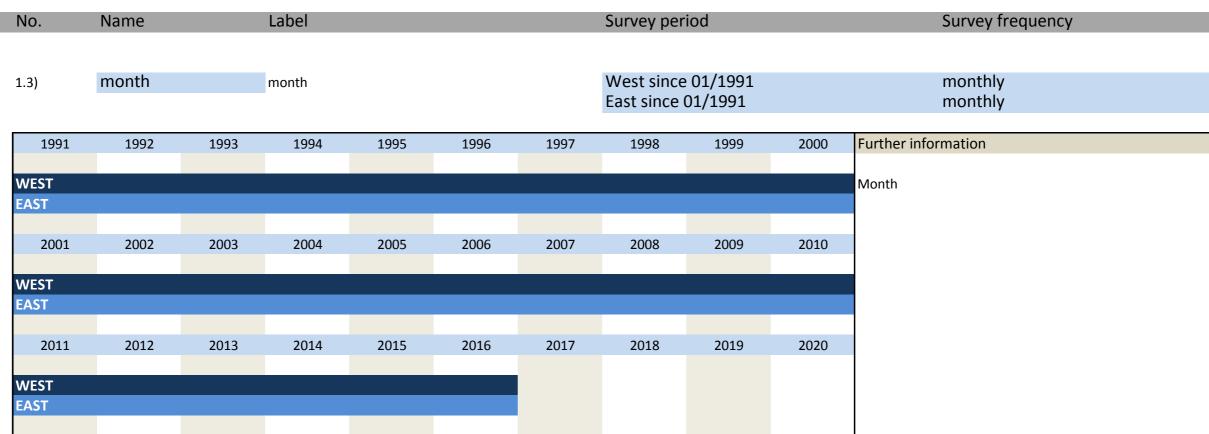
3.61)	bau_pcgc_pub	We regularly act as prime/ general contractor (public clients)	Regelmäßige Arbeit als Generalunter bzwübernehmer (öffentl. Auftraggeber)
3.62)	bau_prop_gen	Propensity for placing orders with prime/ general contractors (in general)	Vergabe von Aufträgen als Generalunter-/übernehmer-Leistung (allgemein)
3.63)	bau_prop_pub	Propensity for placing orders with prime/ general contractors (public clients)	Vergabe von Aufträgen als Generalunter-/übernehmer-Leistung (öffentl. Auftraggeber)
3.64)	bau_probl_pub	Are there problems regarding public procurement law (public clients)	Vergaberechtliche Probleme bei öffentlichen Auftraggebern

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Design   Swill   Design   De	3.72)	bau_sper	subcontractors: % of sales volume	Umsatzanteil Subunternehmer			
Source   S	3.73)	bau_swill1	subcontractors: willingness	Vergabe von Spezialarbeiten an Subunternehmer			
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Date				-			
Description		. –					
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BALL   DISACY   process parts for fronts action volumen whole year	3.81)	bau_prpa1	precast parts: utitization	Verwendung von Fertigteilen			
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Base   Description   S		bau_prpacvy	precast parts: % of construction volumen whole year	Fertigteile in % vom Bauwert im letzten Jahr			
Bau_cfcar		_					
Sept   Cogn							
5380         bau_Crich         construction in foreign countries: associated consensy         Audiandation durch rechtlich sebstandige Gerellschaften           3587         bau_Salvol1         sales volume in x road construction         Unsatzantel in straßenbau           3591         bau_Salvol2         sales volume in x road construction         Unsatzantel in straßenbau           3591         bau_Salvol3         sales volume in x road construction         Unsatzantel in moteration in foreithichen thoritabu           3591         bau_Salvol3         sales volume in x bubblic chil engineering         Unsatzantel in my devention in moteration in foreithichen thoritabu           3592         bau_Salvol6         sales volume in x facultation in x		. – .					
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291   Dau_Salvol   Sales volume in % industrial coil engineering   Unsatzanteil im Wohnungsbau ingesamt	3.91)	bau_salvol2	sales volume in %: other civil engineering	Umsatzanteil im sonstigen Tiefbau			
Sabu   Salvo    Sabu   Salvo    Sales volume in % domestic construction   Umsatzantell in Wohnungshau ingreamt	3.92)	bau_salvol3	sales volume in %: public civil engineering	Umsatzanteil im öffentlichen Hochbau			
Sept.   Data   Salvol 6   Sales volume in St. buildings with 3 or more flats   Arbeiter   Arbeiter   Data   Salvol 8   employees altogether   Beschäftigte insgesamt	3.93)	_	sales volume in %: industrial civil engineering	Umsatzanteil im gewerblichen Bau			
September   Sept							
3.90   bau_emp		_		-			
3.99		_					
3.100   bau_numwor   number of workers   Arbeiter							
3.101   bau_numwor   number of workers   Arbeiter   Beschäftigte insgesamt							
5.102    Dau_phcow   plant holidays: cessation of all work   Betriebsurlaub des gesamten Baubetriebs	3.100)	. –	number of workers	Arbeiter			
3.103   bau_phcwbr   plant holidays: cessation of work of singular branches   Betriebsurlaub	3.101)	bau_empl	employees all together	Beschäftigte insgesamt			
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3.136)	bau_minim_post2	no minimum wage measures	keine Mindestlohn- Maßnahmen		
3.137)	bau_minim_post3	measures: employee reduction	Maßnahmen: Personalabbau		
3.138)	bau_minim_post4	measures: working hour reduction	Maßnahmen: Arbeitszeitreduzierung		
3.139)	bau_minim_post5	measures: increased prices	Maßnahmen: Preiserhöhungen		
3.140)	bau_minim_post6	measures: decreased investment	Maßnahmen: verringerte Investitionen		
3.141)	bau_minim_post7	measures: decreased special payments	Maßnahmen: Kürzungen von Sonderzahlungen		
3.142)	bau_minim_post8	less minijobs	Minijobs weggefallen		
3.143)	bau_minim_post9	minijobs transformed into insurable employment	Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt		
3.144)	bau_minim_post10	new insurable employment	neue soz.vers.pflichtige Besch.verhältnisse		
3.145)	bau_minim_post11	employment relationships did not change	keine veränderten Besch. Verhältnisse		
3.146)	bau_credityes	credit agreement signed	Kreditvertrag abgeschlossen		
3.147)	bau_creditno	credit agreement not signed	Kreditvertrag nicht abgeschlossen		
3.148)	bau_credituse1	financing of ongoing operating resources	Finanzierung laufender Kreditmittel		
3.149)	bau_credituse2	financing of an investment	Finanzierung einer Investition		
3.150)	bau_credituse3	other financing	Sonstiger Verwendungszweck		
3.151)	bau_midmanager	mid tier: more than 4 managers	Mittlestand: mehr als 4 Manager		
3.152)	bau_midmanshare	mid tier: at least one manager has shares	Mittelstand: Mindestens ein Manager hat Anteile		
3.153)	bau_midyes	mid tier: company rated as mid tier	Mittelstand: Als Mittelstand eingeschätzt		

#### 1. Variables of identification Survey frequency Label Survey period Name No. West since 01/1991 East since 01/1991 monthly monthly survey survey 1.1) Further information WEST "bau" EAST WEST EAST WEST EAST

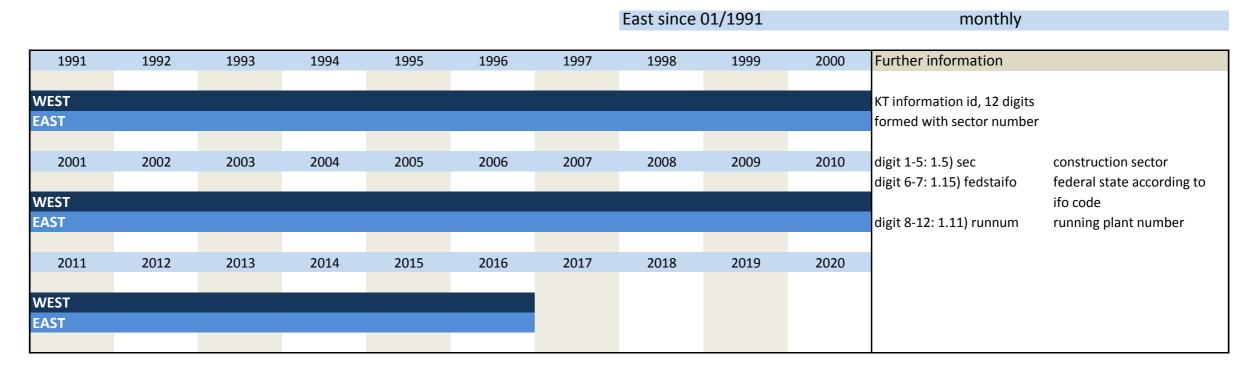




No.	Name		Label				Survey per	iod		Survey frequency
								00/1001		
1.4)	idnum		firm X adress	file id			West since			monthly
							East since (	04/1992		monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
			14/50 <del>-</del>							
	FACT		WEST							Firm X adress file id
	EAST									<b>7</b> (10.10)
2001	2002	2002	2004	2005	2006	2007	2008	2000	2010	7 digits
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST					_	_				
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

Name		Label				Survey per	iod		Survey frequency
runnum		running numb	per of plant						monthly
						East since (	01/1991		monthly
1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
									running number of plant
2002	2002	2004	2005	2006	2007	2000	2000	2010	
2002	2003	2004	2005	2006	2007	2008	2009	2010	
_		_				_			
2012	2013	2014	2015	2016	2017	2018	2019	2020	
	1992 2002	runnum  1992 1993  2002 2003	runnum running numb  1992 1993 1994  2002 2003 2004	runnum running number of plant  1992 1993 1994 1995  2002 2003 2004 2005	runnum running number of plant  1992 1993 1994 1995 1996  2002 2003 2004 2005 2006	runnum     running number of plant       1992     1993     1994     1995     1996     1997       2002     2003     2004     2005     2006     2007	runnum running number of plant West since (East since (IIII))  1992 1993 1994 1995 1996 1997 1998  2002 2003 2004 2005 2006 2007 2008	runnum running number of plant West since 01/1991  1992 1993 1994 1995 1996 1997 1998 1999  2002 2003 2004 2005 2006 2007 2008 2009	runnum running number of plant West since 01/1991  1992 1993 1994 1995 1996 1997 1998 1999 2000  2002 2003 2004 2005 2006 2007 2008 2009 2010

No.	Name	Label	Survey period	Survey frequency
1.6)	bau_plantnum	KT information id	West since 01/1991	monthly

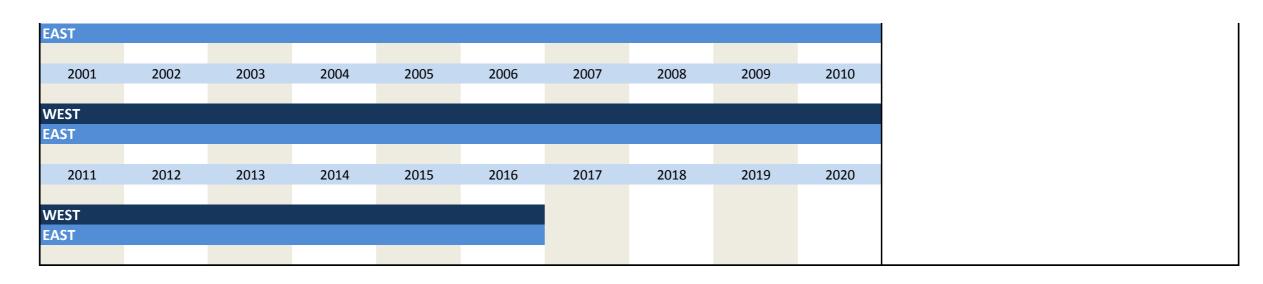


No.	Name		Label				Survey per	iod		Survey frequency
1.7)	bau_weste	east	western eastern				West since			monthly
							East since	01/1991		monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										Differenciates between Eastern and Western survey
EAST										[1] western
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	[1] western [2] eastern
WECT										
WEST EAST	_	_	_	_	_	_	_	_	_	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No.	Name Label					Survey period			Survey frequency		
1.8)	fedstaifo		federal state	(ifo-code)			West since	•		monthly monthly	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information	
										Federal state according to ifo	-code
WEST										1 "[01] Berlin West"	10 "[10] Bavaria"
EAST										2 "[02] Schleswig-Holstein"	11 "[11] Saarland"
										3 "[03] Hamburg"	12 "[12] Mecklenburg-
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	4 "[04] Bremen"	Western Pomerania"
										5 "[05] Lower Saxony"	13 "[13] Brandenburg
WEST										6 "[06] Nordrhine-Westphalia	e (incl. Berlin East)"
EAST										7 "[07] Rhineland-Palatinate'	14 "[14] Saxony-Anhalt"
										8 "[08] Hesse"	15 "[15] Saxony"
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	9 "[09] Baden-	16 "[16] Thuringia"
										Wuerttemberg"	
WEST											
EAST											

No.	Name	Label				Survey per	iod		Survey frequency	
1.0\	bau_lateco	mor	latacomon				West 01/19	001 +0 12/1	OOE	monthly
1.9)	Dau_latect	лпеі	latecomer				West 01/1:	991 (0 12/1	.993	monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										Latecomer
										[N]
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	[IN]
2001	2002	2003	200 :	2005	2000	2007	2000	2003	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

No.	Name		Label				Survey per	iod		Survey frequency
1.10)	sector_id						West & Eas	st since 01/	1991	monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										

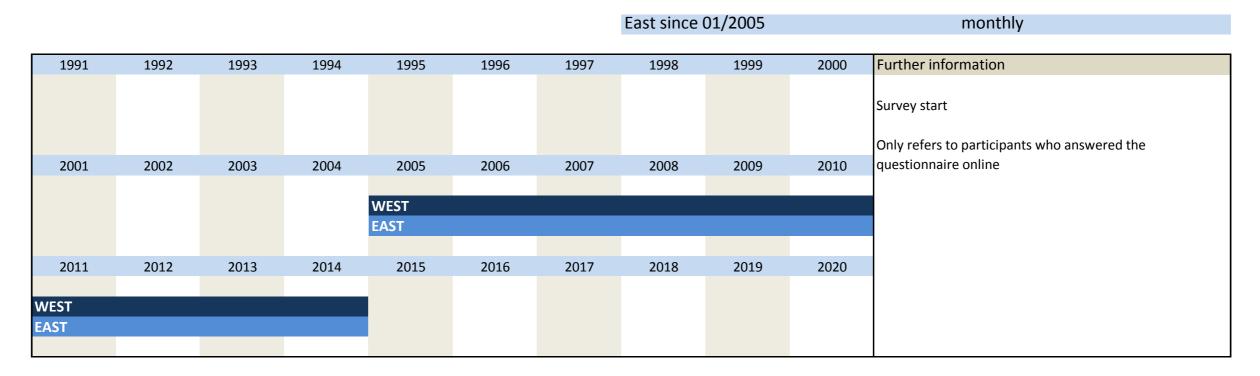


No.	Name		Label				Survey per	iod		Survey frequency
1.11)	bau_sec2						West & Eas	st since 01/	1991	monthly
	_									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										
EAST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST	_									
EAST		_	_	_		_		_	_	
<i>Li</i> 10 1										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No.	Name		Label				Survey per	iod		Survey frequency	
1.12)	sector_bau		classification of construction		ederal statistic	al office (type	West since	01/1991 01/1991		monthly monthly	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information	
WEST										West and East:	
EAST										2100000: construction industry	code 2
										2110100: road construction	code 1
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2110200: other civil engineering	code 1
WECT										2120100: public civil engineering	code 1
WEST										2120200: industrial civil engineering	code 1
EAST										2120300: residential construction	code 1
2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	2120400: buildings with 3 flats and more	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	nur West	
WECT						l				2200000: Building trade	code 2
WEST EAST										2210100: road construction	code 1 code 1
EAST	_									2210200: other civil engineering	
										2220200: industrial civil engineering 2220300: residential construction	code 1 code 1
										2220400: buildings with 3 flats and more	code 1
										West and East:	code 1
											o codo 3
										2300000: prefabricated building constructi 2320100: single family house	code 2
										2320200: multi-family house	code 1
										2320300: non-residential building	code 1

		II. Variable	es regarding	g the survey	y process					
No.	Name		Label				Survey per	riod		Survey frequency
1.13)	online online				West since			monthly		
							East since	01/1991		monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										Questionnaire answered online
EAST										[0] paper
										[1] fax
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	[2] online
										[5] manually collected
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2015	2014	2015	2010	2017	2016	2019	2020	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
1.14)	survey_start	survey_start	West since 01/2005	monthly

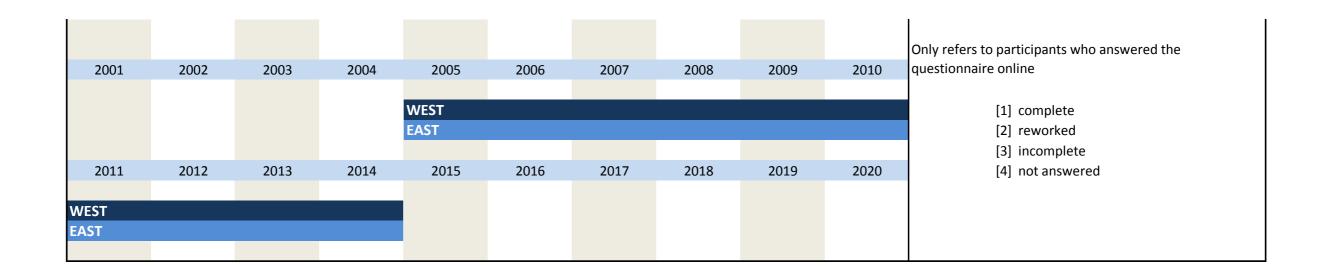


No.	Name		Label				Survey per	iod		Survey frequency
1.15)	survey_end	J	survey_end				West since	•		monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
										Survey end Only refers to participants who answered the
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	questionnaire online
				WEST EAST			_	_		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										

No.	Name		Label				Survey peri	iod		Survey frequency
1.16)	participatio	on_date	participation	participation date			West since 01/2005 East since 01/2005			monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
										Participation date
2001	2002	2002	2004	2005	2006	2007	2008	2009	2010	Only refers to participants who answered the questionnaire online
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	questionnaire onnine
				WEST						
				EAST						
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										

No.	Name		Label				Survey peri	iod		Survey frequency
4.47\	narticipatio	n haur		L			West since	01/2005		monthly
1.17)	participation	n_nour	participation	nour			West since			monthly
							East since (	01/2005		monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
										Participation hour
										·
										Only refers to participants who answered the
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	questionnaire online
				WEST						
				EAST						
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

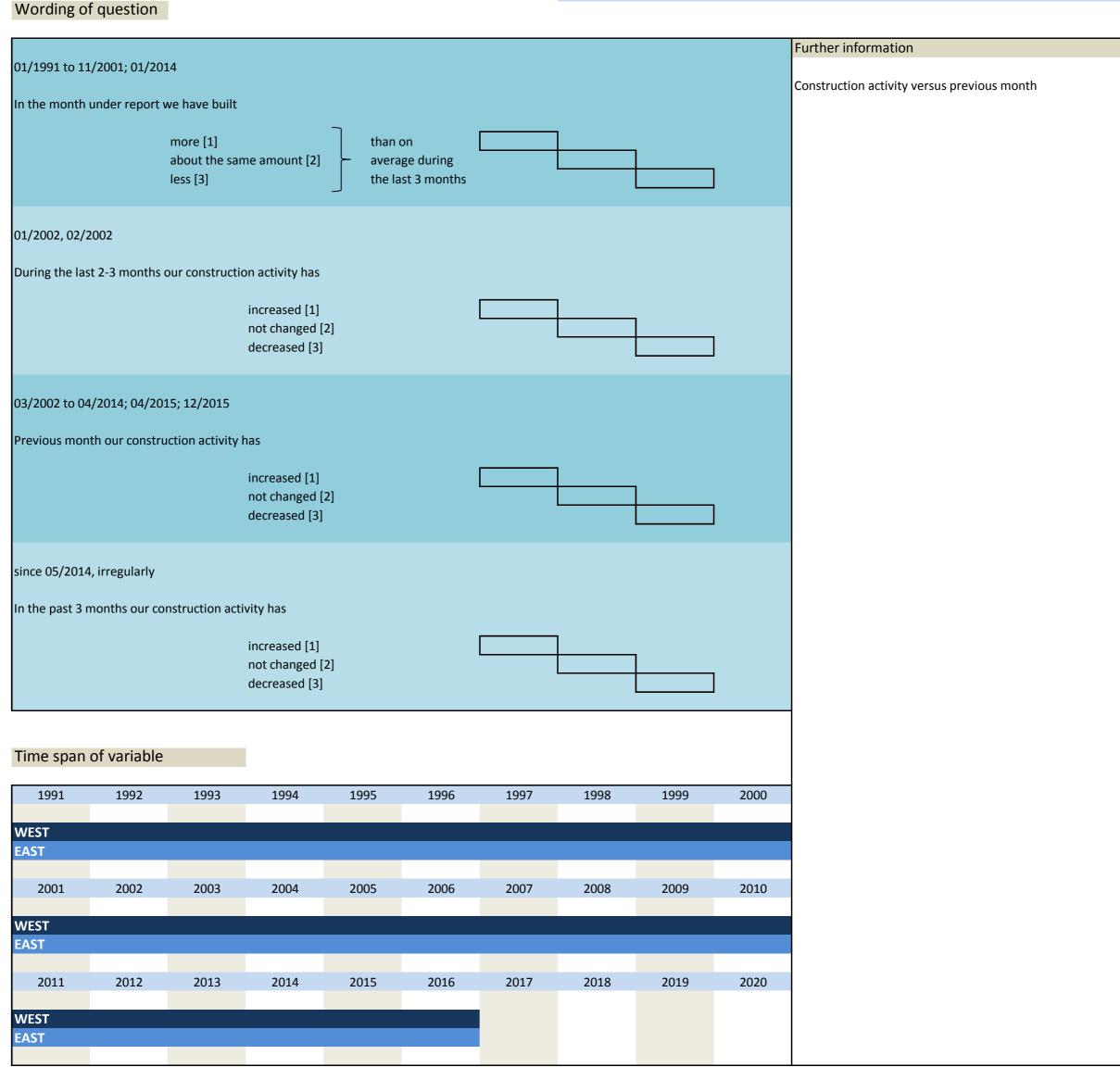
No.	Name	Label				Survey peri	iod		Survey frequency	
1.18)	participation	on_status		participation	status		West since	•		monthly
							East since (	01/2005		monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
										Participation status



#### 2. Standard questions

#### I. Construction activity

No.	Name	Label	Survey period	Survey frequency
2.1)	bau_conactex	construction activity versus previous month	West since 01/1991	monthly
			East since 01/1991	monthly
Wording	of augstion			



No.	Name	Label	Survey period	Survey frequency
2.2)	bau_constrain	constraints	West since 01/1991	monthly
Wording	g of question		East since 01/1991	monthly
	,			
				Further information
01/1991 to	11/2001			Further information
	11/2001 ion of orders is currently co	nstrained		Further information  Constraints to production

01/2002, 02/	2002								
The construc	tion activity/e	execution of or	ders is currently	y constrained					
		yes [1]			no [2]				
since 03/200	2								
The construc	tion activity/e	execution of or	ders was constr	ained					
		yes [1]			no [2]				
Time span	of variable	9							
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WEST EAST									
EAST									
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
WEST									
EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
WEST									
EAST									

	Name		Label				Survey per	iod		Survey frequency
2.3)	bau_mplac	ck	constraints: la	ck of manpow	ver		West since			monthly monthly
Wording o	of question						Lust since	01/1331		monthly
										Further information
since 01/199	91									Lack of manpower
The construc	ction activity/ ex		ders is currentl	y/ was constra	ained.*					· ·
	If yes, due to:									*For the exact wording of question for the
		lack of manpo	ower [1]				]			corresponding point of time see 2.2) constraints
Time span	of variable		l							
1991	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991 <b>WEST</b>			1994	1995	1996	1997	1998	1999	2000	
1991 <b>WEST</b>			1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST 2001	1992	1993								
1991 WEST EAST 2001 WEST	1992	1993								
1991 WEST EAST 2001 WEST	1992	1993								
1991 WEST EAST 2001 WEST EAST	1992	1993 2003	2004	2005	2006	2007	2008	2009	2010	

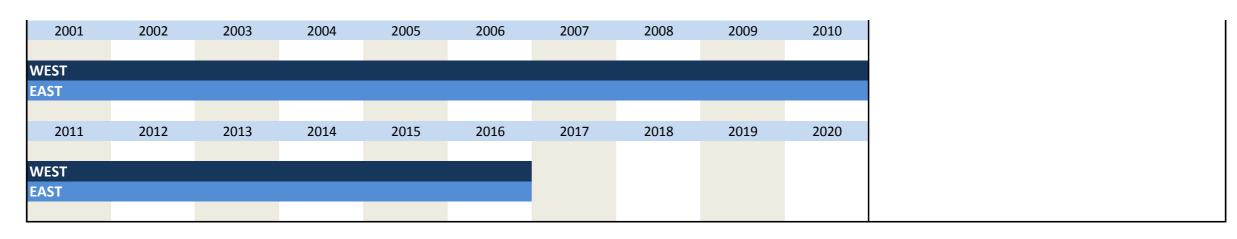
2.4) Wording	bau_matla	ck	constraints: la	ck of material			West since East since (	•		monthly monthly
since 01/199	otion activity/ ex If yes, due to:		ders is currentl ial/ insufficient							Further information  Lack of material  *For the exact wording of question for the corresponding point of time see 2.2) constraints
1991 WEST EAST	1992	1993	1994	1995	1996	1997	1998	1999	2000	

Survey frequency

No.

Name

Label



	Name		Label				Survey per	riod		Survey frequency
.5)	bau_weath	ncon	constraints: w	eather condit	ions		West since			monthly monthly
Wording o	of question									
ince 01/199	1									Further information
										unfavourable weather conditions
he construc	tion activity/ ex		ders is currentl	y/ was constra	ained.*					
	, , 25, auc to						1			*For the exact wording of question for the
		unfavourable	weather cond	itions [1]			_			corresponding point of time see 2.2) constraints
	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST			1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST	1992		1994	1995	1996	1997	1998	1999	2000	
WEST			1994 2004	1995	1996 2006	1997	1998	1999	2000	
WEST 2001 WEST	1992	1993								
WEST EAST 2001	1992	1993								
WEST 2001 WEST	1992	1993								
WEST 2001 WEST EAST 2011	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2001 WEST	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	

Time span of vari  1991 199  WEST	ue to: insufficient f		tly/ was constru	rained.*	1997	1998			insufficient financing  *For the exact wording of question for the corresponding point of time see 2.2) constraints
1991 199 WEST	able		1995	1996	1997	1000			
WEST	2 1993	1994	1995	1996	1997	1000			
						1998	1999	2000	
				_					
2001 200	2 2003	2004	2005	2006	2007	2008	2009	2010	
WEST EAST									
2011 201	2 2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST									

Survey frequency

Survey frequency

Label

Label

No.

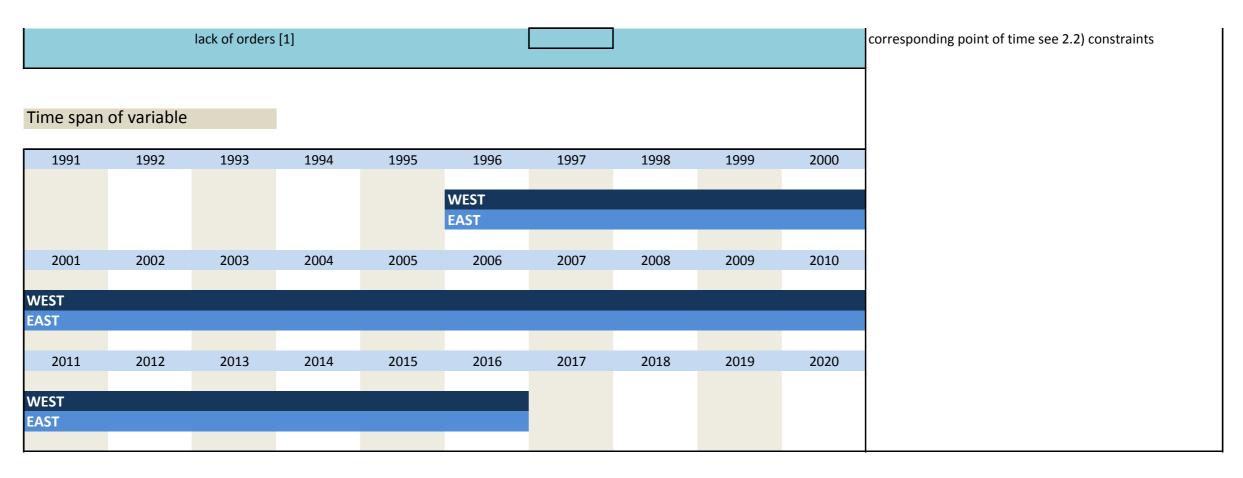
No.

Name

Name

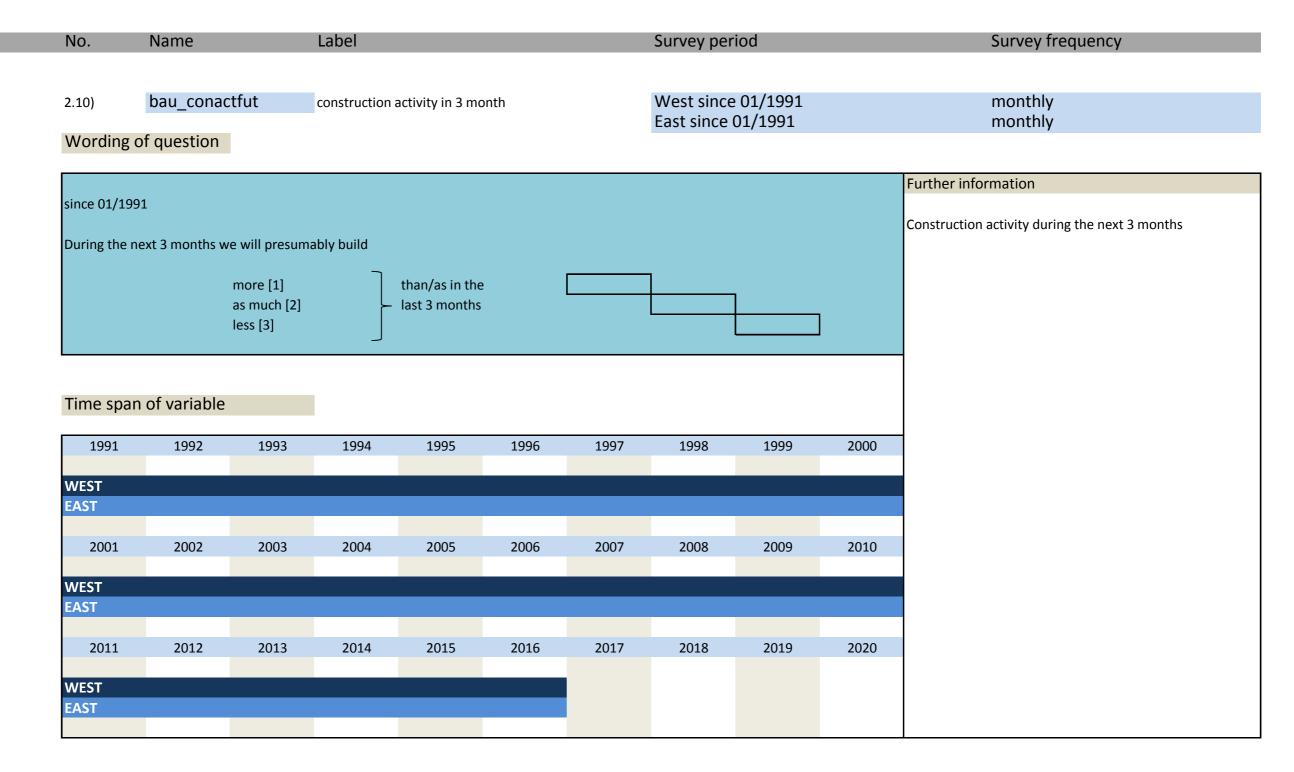
2.7) ba	_	lack of orders	West since 01/1996 East since 01/1996	monthly monthly
	n activity/ execution of ord <b>yes,</b> due to:	ders is currently/ was constrained.*		Further information  Lack of orders  *For the exact wording of question for the

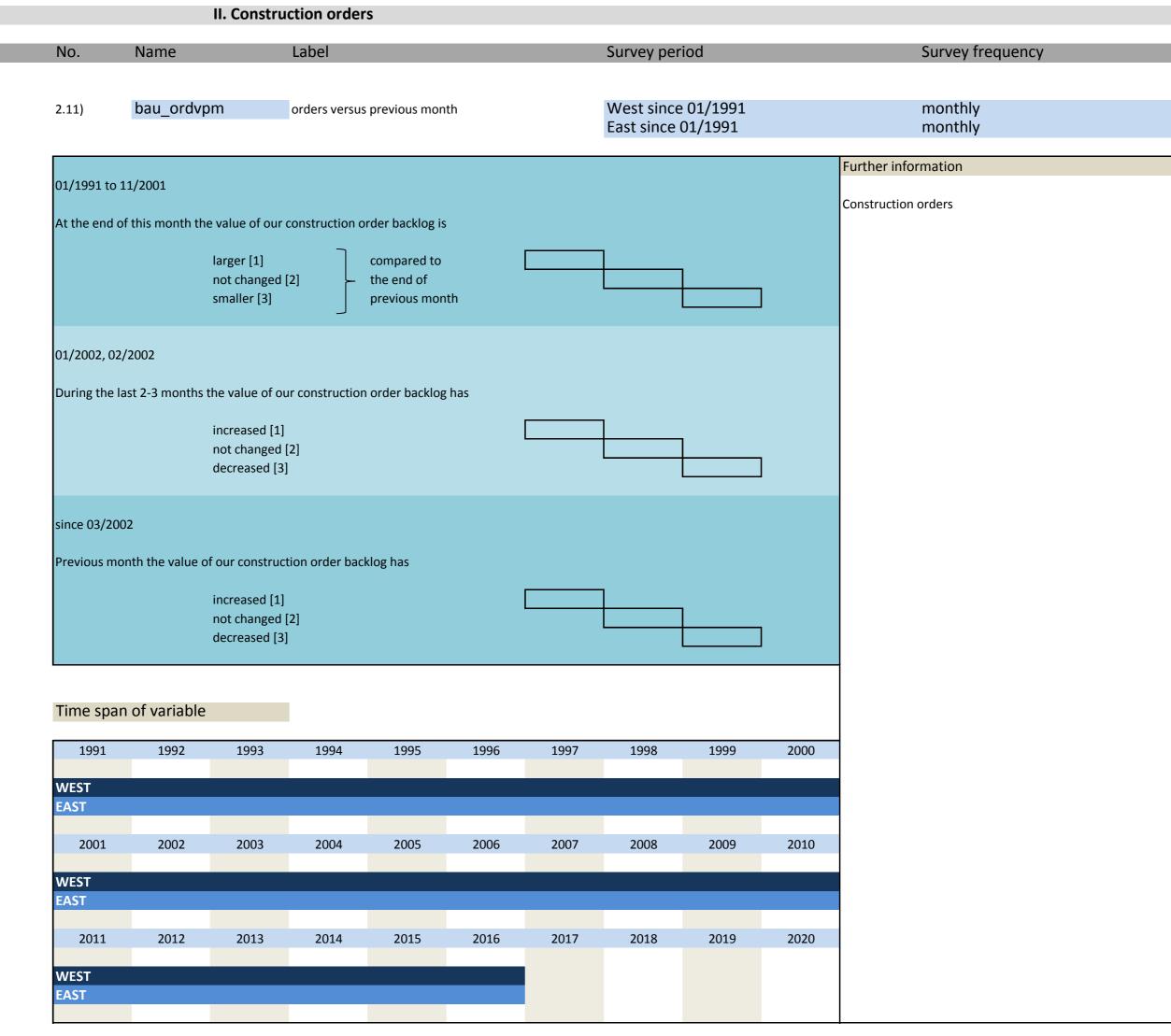
Survey period



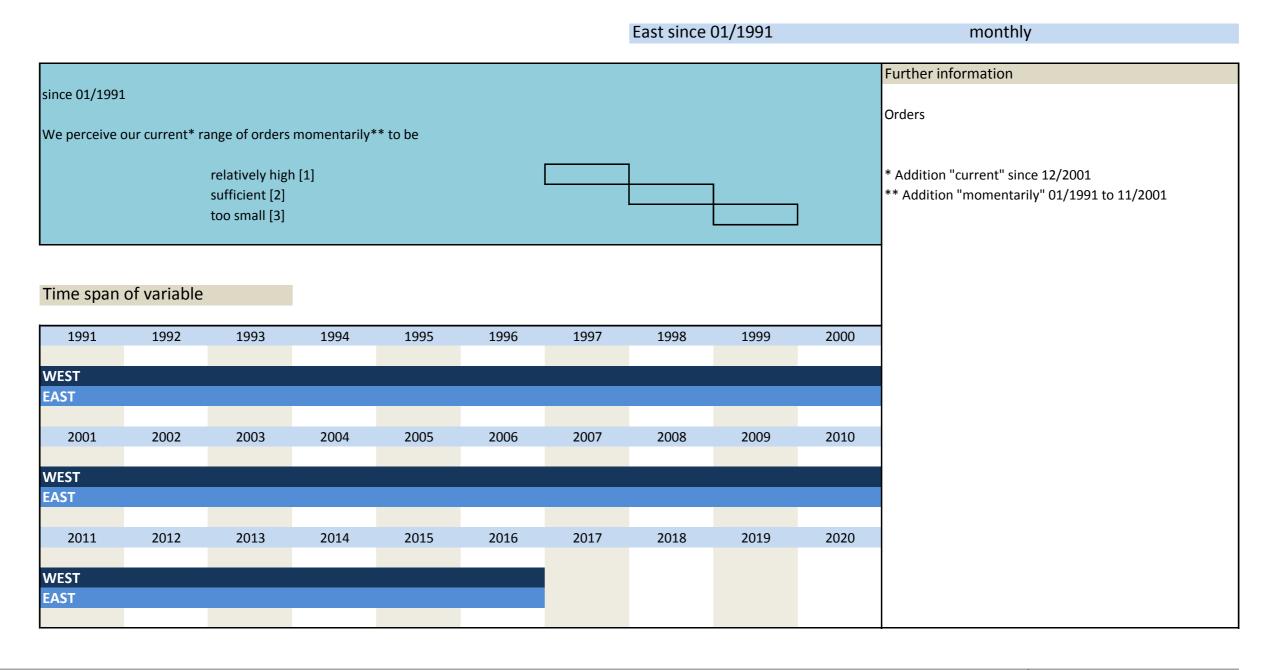
0.	Name		Label				Survey per	iod		Survey frequency
8)	bau_canco	ord	cancellation o	of orders			West since			monthly monthly
ording o	of question									
nce 01/201	2									Further information
										Cancellation of orders
e construc .]	tion activity/ ex	xecution of ord	lers was const	rained						
	If yes, due to:									
		lack of orders	cellations of o	orders [1]						
		thereon can								
		thereon can								
me span	of variable									
me span	of variable		1994	1995	1996	1997	1998	1999	2000	
					1996	1997	1998	1999	2000	
					1996	1997	1998	1999	2000	
1991	1992	1993	1994	1995						
					1996	1997	1998	1999	2000	
1991	1992	1993	1994	1995						
1991	1992	1993	1994	1995						
1991	1992	1993	1994	1995						
1991	1992 2002	1993	1994	1995 2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
2.9)	bau_othre	a	constraints: o	ther reasons			West since			monthly
Mording	of augstion						East since (	01/1991		monthly
wording	of question									
										Further information
since 01/199	91									Other reasons
The construc	ction activity/ ex	xecution of or	ders is currentl	y/ was constra	nined.*					other reasons
	If yes, due to:									*
		other reason	ıs. namelv**				1			*For the exact wording of question for the corresponding point of time see 2.2) constraints
			· ·							
										** Addition "namely" since 01/2002
Time spar	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST EAST	_	_	_	_	_	_	_	_	_	
EAST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	
WEST										
EAST										
										<u> </u>



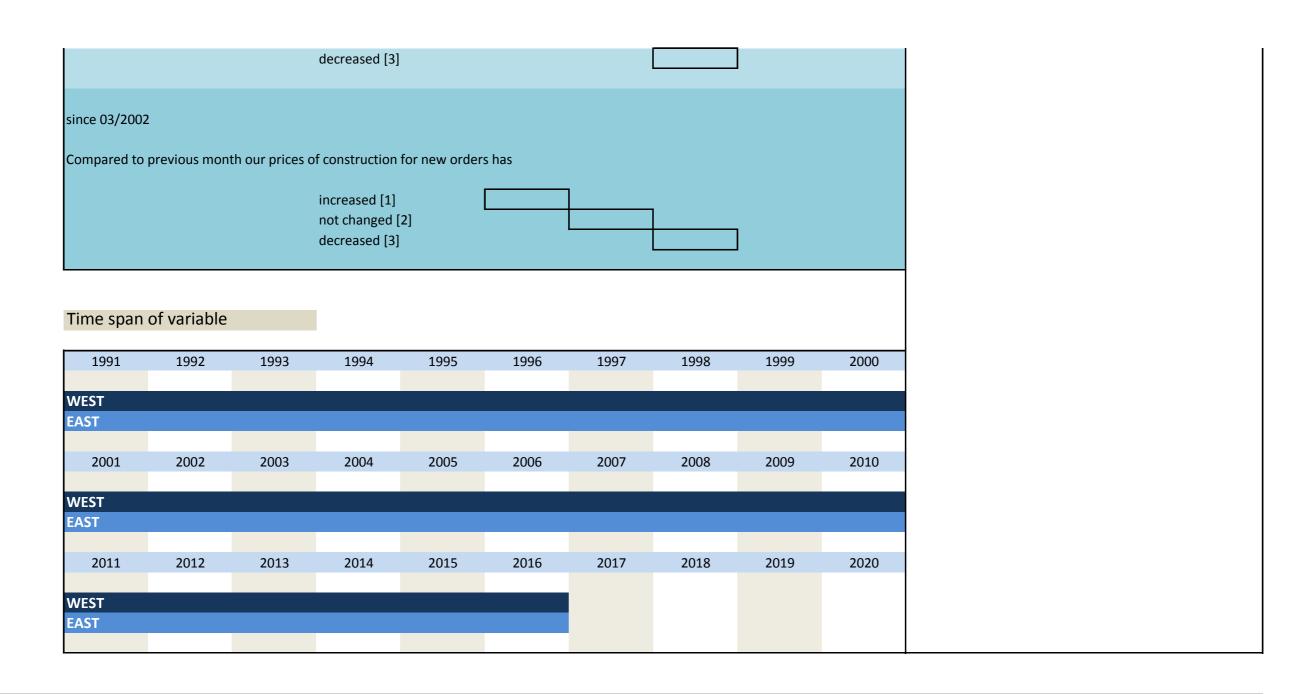


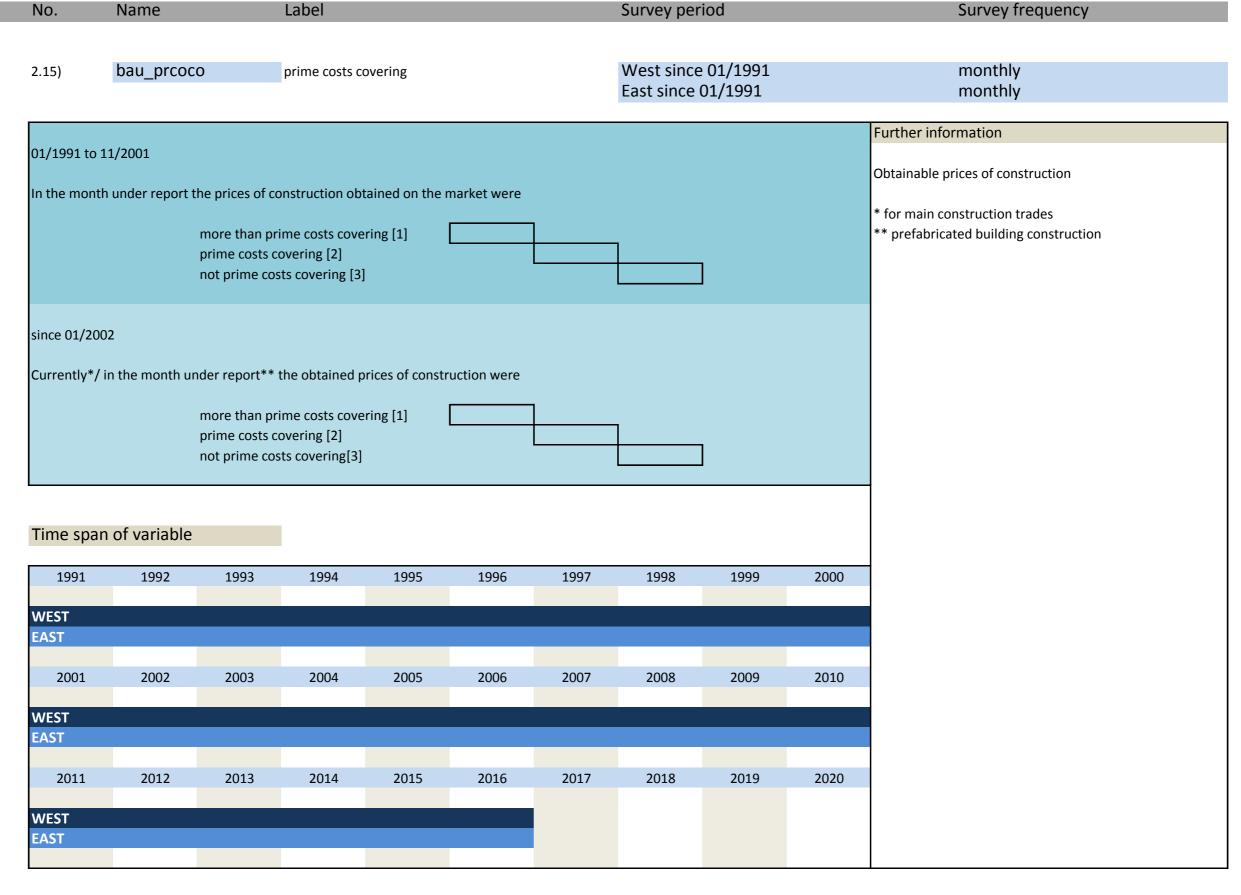
No.	Name	Label	Survey period	Survey frequency	
2.12)	bau_orders	orders (appraisal)	West since 01/1991	monthly	

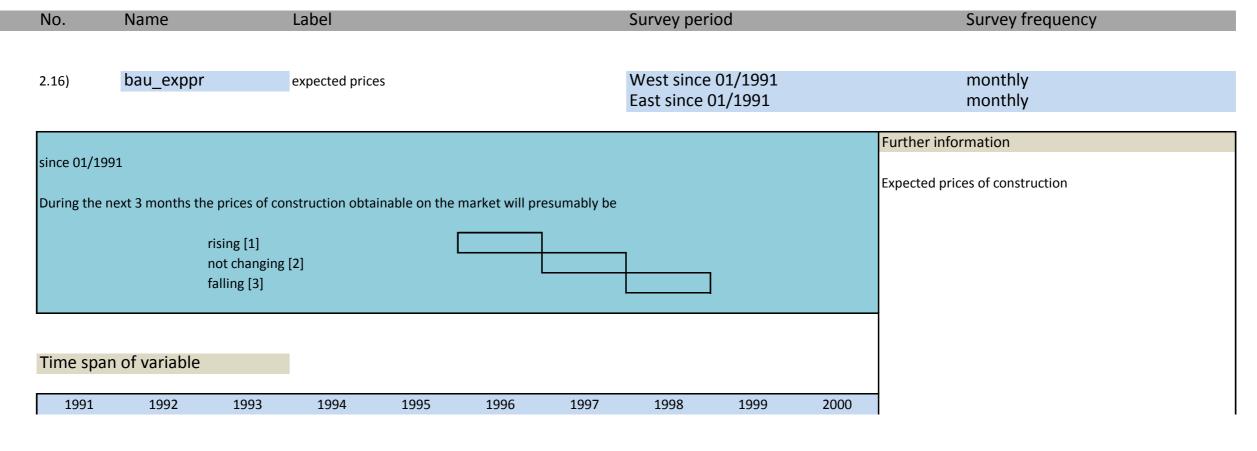


oau_ranord	range of orders	in months			West since East since (			monthly monthly
2001								Further information  Range of orders in months
e month under report ou duction of	[10] = 1 month [15] = 1,5 months [100] = 10 months etc.							
course of the season our	range of orders of	urrently equi	als an average _ months	production of				
f variable								
1992 1993	1994	1995	1996	1997	1998	1999	2000	
2002 2003	2004	2005	2006	2007	2008	2009	2010	
					2010	2010		
2012 2012	2011	2045	2010			7(17()	70.70	
2012 2013	2014	2015	2016	2017	2018	2019	2020	
(	e month under report ou duction of course of the season our 1992 1993	e month under report our range of orders duction of  course of the season our range of orders of the season our range of the season our range of orders or the season our range of orders of the season our range of orders of the season our range of orders or the season our range of orders or the season our range of orders or the season our range	e month under report our range of orders equals under duction of  course of the season our range of orders currently eques a course of the season our range of	e month under report our range of orders equals under an usual courduction of months	e month under report our range of orders equals under an usual course of the seas duction of months	e month under report our range of orders equals under an usual course of the season duction of months	e month under report our range of orders equals under an usual course of the season duction of months	e month under report our range of orders equals under an usual course of the season duction of months

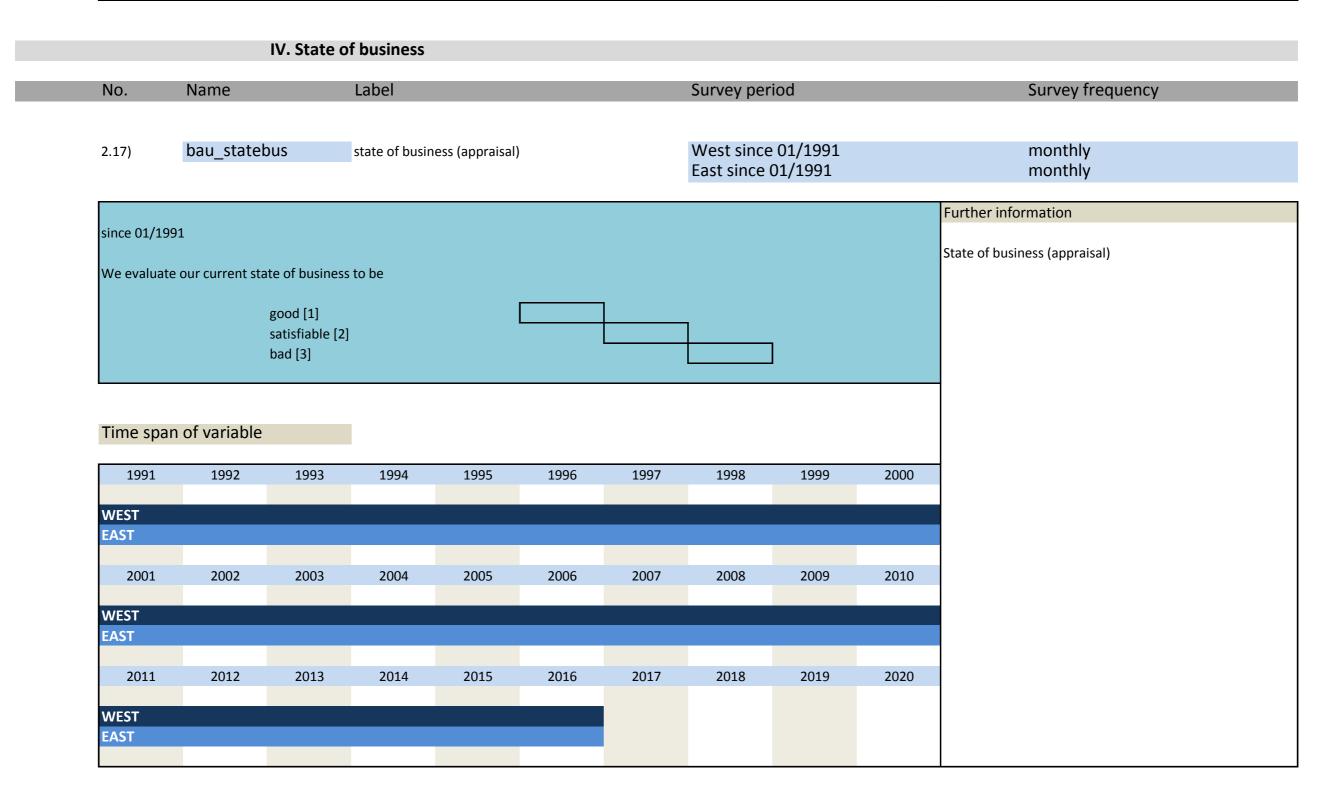
	III. Pr	rices of construction			
No.	Name	Label		Survey period	Survey frequency
2.14)	bau_prvpm	prices versus previous mo	nth	West since 01/1991 East since 01/1991	monthly monthly
01/1991 to		orices of construction for new order higher [1] unchanged [2] lower [3]	ers were mostly		Further information  Prices of construction compared to previous month
01/2002, (		es of construction for new orders increased [1] stayed the same [2]			

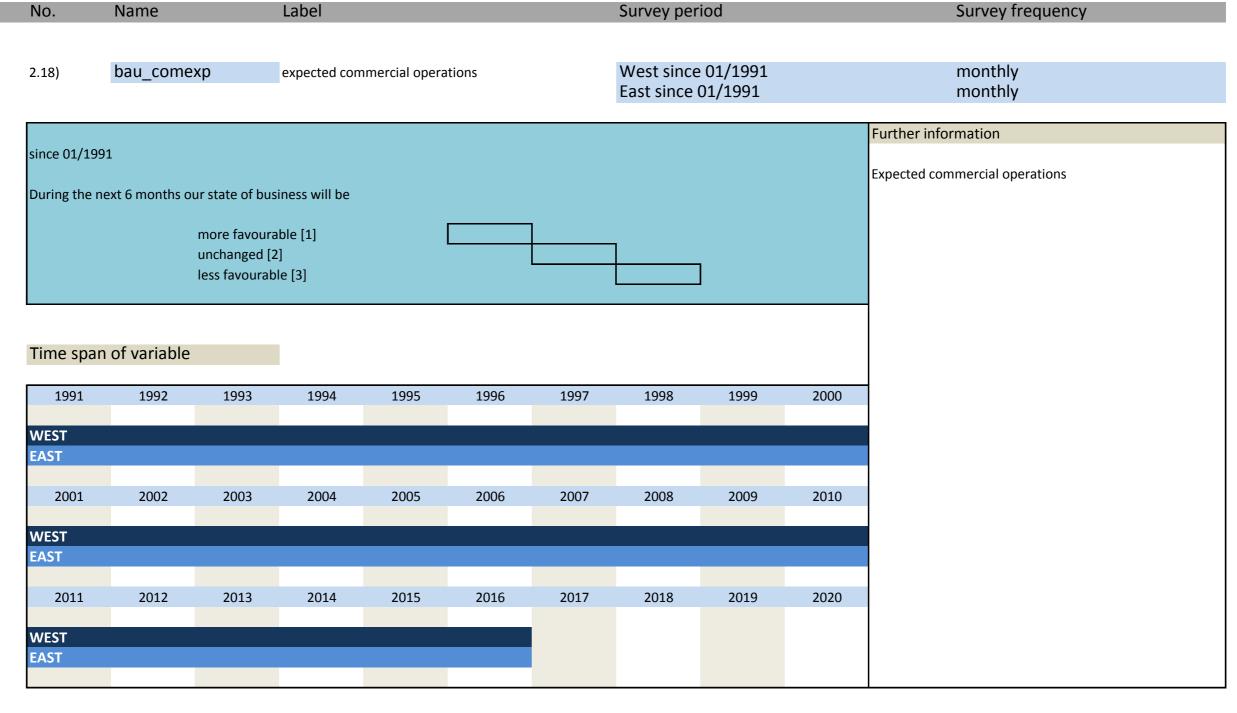






WECT									
WEST									
EAST									
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
WEST									
EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
WEST									
EAST									





	V. Utiliz	zation of capacity*		
No.	Name	Label	Survey period	* to 11/2001 "Geräteausnutzung"  Survey frequency
2.19)	bau_equiput2	equipment utilization in %	West since 01/1991 East since 01/1991	monthly monthly

Further information 01/1991 to 11/2001 Capacity utilization In the month under report the utilization of our equipment (full utilization customary for the company=100%) was on average about 95 100 more than 100%, in fact: \* Addition "all equipment" only in main construction 85 all equipment\*: since 01/2001 Lately the capacity utilization of our machines (full capacity utilization customary for the company=100%) was on average about 80 85 90 95 100 more than 100%, in fact: all equipment\*: 30 | 40 50 60 70 75 Time span of variable 1991 1992 1993 1995 1999 1994 1996 1997 1998 2000 WEST **EAST** 2002 2003 2004 2006 2008 2010 2001 2005 2007 2009 WEST **EAST** 2012 2014 2016 2018 2020 2011 2013 2015 2017 2019 WEST EAST

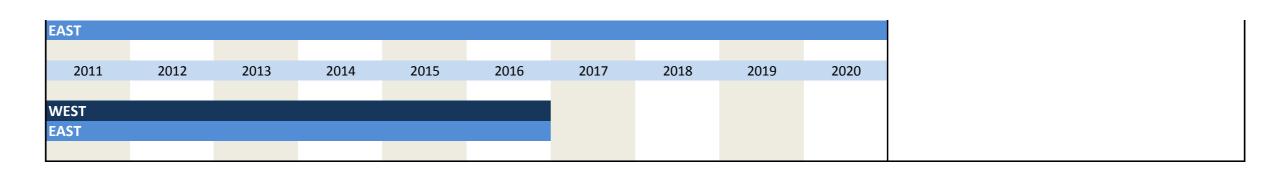
No.	No. Name Label					Survey period					Survey frequency			
2.20)	20) bau_equiput1 equipment utilization (civil engineering) in % West since 01/1991 East since 01/1991								monthly monthly					
														Further information
01/1991 to 3  In the montl on average	h under report	the utilization	of our equi	pment (fu	ll utiliza	ition cu	ıstomar	y for th	ie com	oany=10	00%) was			Capacity utilization in main construction trades
on average	about													Distinguishing between civil engineering
all equipr	ment:	30 40	50 60	70	75	80	85	90	95	100	more than	n 100%, in fa	ict:	and building construction happens only in the
thereof: - for civ	vil engineering													main construction trades.
- for bu														This question does not exist for the prefabricated building construction
since 01/200	02													
Lately the ca	apacity utilizati about	on of our mac	hines (full ca	apacity uti	lization	custon	nary for	the co	mpany	=100%)	was			
all equipr	ment:	30 40	50 60	70	75	80	85	90	95	100	more than	n 100%, in fa	ict:	
thereof: - for civ	vil engineering													
- for bu														
const	truction													
Time spar	n of variable													
1991	1992	1993	1994	1	995	19	996	19	997	19	998	1999	2000	
WEST														
EAST														
2001	2002	2003	2004	2	005	20	006	20	007	20	008	2009	2010	
MECT														
WEST EAST														
	2012	2062	224		045		04.5		047		140	2042	2020	
2011	2012	2013	2014	2	015	20	016	20	017	20	)18	2019	2020	
WEST														
EAST														
														ı

	VI. Employ	yees		
	N			
No.	Name	Label	Survey period	Survey frequency
2.21)	bau_emplexp	expected employees	West since 01/1991	monthly
•		,	East since 01/1991	monthly

										Further information
since 01/19	91									
										Expected development of the number of employees
During the	next 3-4 months	the number o	of our employee	s will be						
			increasing [1]	HOL C	nanging [2]		decreasing [3]			
	in total									
Time sna	n of variable									
Time spa	II OI Vallable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
EAST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2005	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST		_	_	_						

No.	Name		Label				Survey period			Survey frequency
2.22)	bau_indwo	rk	industrial work	ers			West since 01/1991 East since 01/1991			monthly monthly
										Further information
since 01/199	)1									
During the n	ext 3-4 months t	he number o	of our employees	will be						industrial workers
	increasing [1]	not c	hanging [2]	decreasing [3]						
in to	otal									
ther										
indu	ustrial workers									
<b></b>										
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
MICOT										
WEST EAST										
EAST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST							_			
EAST										
0011	2012	2012	2011	2017	2010	2017	2012	2012	2622	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										
										<u> </u>

No.	Name		Label				Survey peri	od		Survey frequen	су
2.23)	bau_emplo	ру	employee				West since	01/1991		monthly	
		•					East since (			monthly	
										Further information	
since 01/19	91										
										employees	
During the r	next 3-4 months	the number of	of our employee	es will							
			increasing [1]	not cl	nanging [2]		decreasing [3]				
: a						1					
	otal ereof										
	ployees										
Cili	proyects										
Time spai	n of variable										
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
WEST											
EAST											
2004	2002	2002	2004	2005	2000	2007	2000	2000	2010		
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
WEST											
***											



No.	Name		Label				Survey per	iod		Survey frequency
2.24)	bau_statill		status of emp	loyee's illness	in %		West since 01/1991			monthly
			East since 01/1991							monthly
										Further information
since 01/199	)1									
				Illness absence rate						
Currently of	our employees	are sick:	%							Note.: Values in the Stata-files have to be divided by
										10 to get the correct percentage format (with
										decimal place).
Time spar	of variable									eg.: for the value of 85 in the dataset applies: 8,5%
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
NA/ECT										
WEST EAST	_	_	_	_	_	_	_	_	_	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

#### 3. Special questions VII. Special questions\*\*/remarks\*\*\* $\hbox{\it ** main construction trades, *** prefabricated building construction}$ Label Survey period Survey frequency No. Name West 01/1991 - 01/2015 bau\_backconst annual survey, January 3.1) backlog of constructions East 01/2002 - 01/2015 annual survey, January Wording of question Further information 01/1991 to 01/2001 Backlog of constructions Backlog of constructions (for main construction trades) At the end of 19XX\* our backlog of unfinished and not yet started constructions was \* "end of 20XX" "end of previous more [1] year". Example: as much as last year [2] than end of 19/20YY\*\* less [3] If the question was posed in January 2003, "20XX"="2002". since 01/2002 \*\* "end of 20YY" "end of year before last" Backlog of constructions At the end of 20XX\* our backlog of unfinished and not yet started constructions was Example: If the question was posed in January 2003, "20YY"="2001". more [1] as much as last year [2] Lack than end of 20YY\*\* less [3] Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2001 2002 2003 2004 2006 2007 2008 2009 2010 2005 WEST EAST 2012 2013 2014 2016 2018 2020 2011 2015 2017 2019 WEST **EAST**

Label

No.

Name

Survey period

Survey frequency

West since 02/1991 East since 02/2002 annual survey, February annual survey, February bau\_subannsal subcontractor: % of annual sales 3.2) Wording of question Further information since 02/1991 Sales of subcontractors in percantage to the own annual sales Services of subcontractors Of our annual sales in 19/20XX\* about\* \_ (for main construction trades) \_ % are accounted for by subcontractors \* "20XX" means last year Example: Time span of variable If the question was posed in February 2003, "20XX"="2002". 1992 1993 1994 1995 1996 1997 1998 1999 2000 1991 \*\* since 02/2002 "circa" instead of "about" WEST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2012 2020 2011 2013 2014 2015 2016 2017 2018 2019 WEST EAST

No.	Name		Label				Survey per	iod		Survey frequency
3.3)	bau_subma	ain	subcontractor	: % for main c	ontract work		West since			annual survey, February
Wording o	f question						East since	02/2002		annual survey, February
Wording	n question									
										Further information
since 02/1993	1									Services of subcontractors of
Services of su	ubcontractors			main construction trades						
%	of the subcont	tractors' servi		(for main construction trades)						
				tirms of main	construction t	rades				* "20XX" means last year
										Example:
T:	ما مامان مینامام									If the question was posed in February 2003 ,
rime span	of variable									"20XX"="2002".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
MECT										
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
	EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2013	2010	2017	2010	2013	2020	
WEST										
EAST										
										I

	bau_subupg	r	subcontractor	: % for upgrad	ing work		West since (			annual survey, February annual survey, February
	l bcontractors of the subcontra	actors' servic		20XX* are acco						Further information  Services of subcontractors of upgrading work (for main construction trades)  * "20XX" means last year
Time span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	Example:  If the question was posed in February 2003,  "20XX"="2002".
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

Survey period

Label

Name

Survey frequency

EAST TO THE PROPERTY OF THE PR

No. Name Label Survey period Survey frequency

3.5) bau\_subtrans subcontractor: % for transport company West since 02/1991 annual survey, February annual survey, February

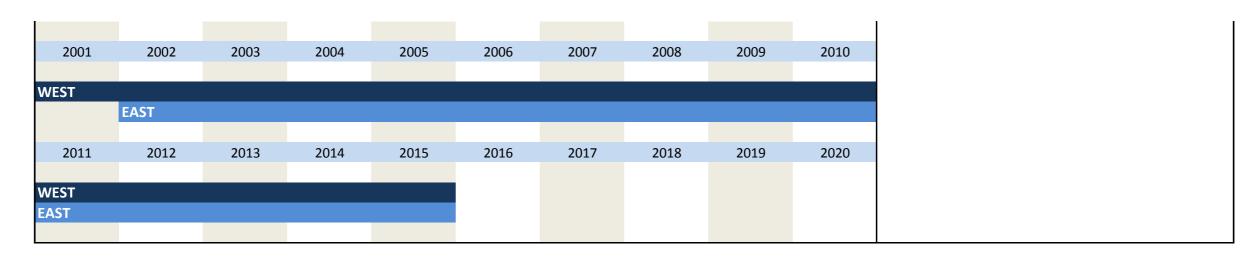
Wording of question Further information since 02/1991 Services of subcontractors of Services of subcontractors transport companies (for main construction trades) \_% of the subcontractors' services in year 19/20XX\* are accounted for by transport companies \* "20XX" means last year Example: If the question was posed in February 2003, Time span of variable "20XX"="2002". 1992 1993 1994 1995 1996 1997 1998 1999 2000 1991 WEST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 **WEST EAST** 

Label No. Name Survey period Survey frequency West 02/1991 - 02/2015 bau\_subreba annual survey, February 3.6) subcontractor: % for reinforcing bars East 02/2002 - 02/2015 annual survey, February Wording of question Further information since 02/1991 Services of subcontractors of Services of subcontractors bending and laying of reinforcing steel \_% of the subcontractors' services in year 19/20XX\* are accounted for by (for main construction trades)

bending and laying of reinforcing steel \* "20XX" means last year Example: If the question was posed in February 2003, Time span of variable "20XX"="2002". 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2001 2002 2003 2004 2006 2007 2008 2009 2010 2005 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 **WEST EAST** 

Survey period No. Name Label Survey frequency bau\_subfowo West 02/1991 - 02/2015 annual survey, February 3.7) subcontractor: % for formwork East 02/2002 - 02/2015 annual survey, February Wording of question Further information since 02/1991 Services of subcontractors of Services of subcontractors formwork/ scaffolding \_% of the subcontractors' services in year 19/20XX\* are accounted for by (for main construction trades) formwork/ scaffolding \* "20XX" means last year Example: If the question was posed in February 2003, Time span of variable "20XX"="2002". 1993 1994 1995 1996 1997 1998 1999 1991 1992 2000

WEST



No.	Name		Label				Survey per	iod		Survey frequency
.8)	bau_subdiv	<b>/</b>	subcontractor	: % for other c	ompanies		West since	02/1991		annual survey, February
	_				-		East since			annual survey, February
Wording o	of question									
										Further information
ince 02/199	1									
										Services of subcontractors of
	ubcontractors									other companies
9	6 of the subcon	tractors' servi								(for main construction trades)
				other compan	ies					
										* "20XX" means last year
										Example:
										If the guestian was posed in Fahruary 2002
										If the question was posed in February 2003,
ime span	of variable									"20XX"="2002".
ime span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991 VEST	1992	1993								
1991			1994	1995 2005	1996 2006	1997	1998	1999 2009	2000	
1991 VEST 2001	1992	1993								
1991 VEST 2001	1992 2002	1993								
1991 VEST 2001	1992	1993								
1991 VEST 2001 VEST	1992 2002 EAST	1993 2003	2004	2005	2006	2007	2008	2009	2010	
1991 VEST 2001	1992 2002	1993								
1991 VEST 2001 VEST 2011	1992 2002 EAST	1993 2003	2004	2005	2006	2007	2008	2009	2010	
1991 VEST 2001 VEST	1992 2002 EAST	1993 2003	2004	2005	2006	2007	2008	2009	2010	

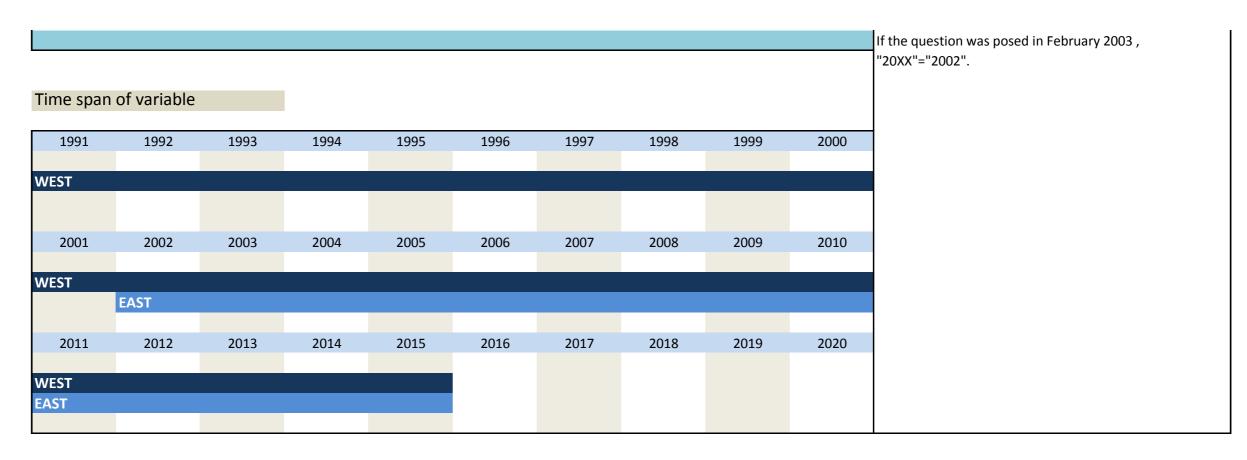
3.9)	bau_subfo	r	% for foreign	subcontractor	S		West since			annual survey, February annual survey, February
Wording	of question									
since 02/199	91									Further information
	subcontractors ubcontractors in	n total: 100%.								Services of foreign subcontractors (for main construction trades)
			thereof: servi	ces of foreign	subcontractors	s circa	%			* "20XX" means last year  Example:
Time snar	n of variable									If the question was posed in February 2003, "20XX"="2002".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
	EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

Survey frequency

Label

No.

No.	Name	Label	Survey period	Survey frequency
3.10)	bau_undcons	% of undocumented constructions	West 02/1991 - 02/2015	annual survey, February
			East 02/2002 - 02/2015	annual survey, February
Wording	g of question			
				Further information
since 02/19	991			
				Undocumented constructions
		ictically		/for manife construction trades)
Construction	ons not yet captured stati	istically		(for main construction trades)
		t yet documented as revenue (for the reporting in t	he building industry) was	(for main construction trades)
	of work completed but not		he building industry) was	* "20XX" means last year



No.	Name		Label				Survey per	iod		Survey frequency
3.11) Wording o	bau_sphad	is	sphere of action	on: % in same	district		West since East since (			annual survey, February annual survey, February
(Only to be a	tion of the com inswered for the _% of our rever	e main branch)			onstruction site in the same a		district			Further information  Revenue in the same administrative district (for main construction trades)  * "20XX" means last year  Example:  If the question was posed in February 2003,
Time span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	"20XX"="2002".
WEST 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2011	EAST 2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST	2012	2013	2014	2013	2010	2017	2010	2013	2020	

No.	Name		Label				Survey per	iod		Survey frequency
3.12)	bau_sphast	Fs	sphere of acti	on: % in same	federal state		West since			annual survey, February annual survey, February
Wording o	f question									
-1 02/4004	4									Further information
since 02/1992  Sphere of act	1 tion of the com	pany								Revenue in the same federal state (for main construction trades)
	nswered for the _% of our rever		XX* were acco	unted for by co			state			* "20XX" means last year <b>Example:</b> If the question was posed in February 2003,
Time span	of variable									"20XX"="2002".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST	EAST		_				_	_		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

West since 02/1991 annual survey, February 3.13) bau\_sphaofs sphere of action: % in other federal state East since 02/2002 annual survey, February Wording of question Further information since 02/1991 Revenue in other federal states Sphere of action of the company (for main construction trades) (Only to be answered for the main branch) Circa \_\_\_\_\_\_% of our revenues in 19/20XX\* were accounted for by construction sites \* "20XX" means last year in other federal states Example: If the question was posed in February 2003, "20XX"="2002". Time span of variable 1992 1993 1999 1991 1994 1995 1996 1997 1998 2000 WEST 2002 2001 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2018 2020 2015 2016 2017 2019 WEST **EAST** No. Name Label Survey period Survey frequency West since 02/1991 annual survey, February bau\_sphafc 3.14) sphere of action: % in foreign country East since 02/2002 annual survey, February Wording of question Further information since 02/1991 Revenue in foreign countries Sphere of action of the company (for main construction trades) (Only to be answered for the main branch) Circa \_\_\_\_\_\_% of our revenues in 19/20XX\* were accounted for by construction sites \* "20XX" means last year in foreign countries Example: If the question was posed in February 2003, "20XX"="2002". Time span of variable 1991 WEST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST **EAST** 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST **EAST** Label Survey period Survey frequency No. Name bau\_witiwoth West 03/1991 - 11/2015 March, November 3.15) wintertime: work through East 11/2001 - 11/2015 March, November Wording of question Further information

03/1991 to 11/2001 Wintertime: work through Winter construction (for main construction trades) We had enough orders and an appropriate equipment to work through with full workforce in winter (19XX/19YY\*) 20XX/20YY\* - except for the officially recognized days of bad weather. \* Example: If the question was posed in March 2004, "20WW/20VV" = "2003/2004" yes [1] no [2] since 03/2002 Winter construction We had enough orders and an appropriate equipment to work through with full workforce in winter (19XX/19YY\*) 20XX/20YY\* yes [1] no [2] Time span of variable

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WEST									
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
WEST									
EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
WEST									
EAST									

Label

Label

reasons of construction [1]

No.

No.

Name

Name

West 03/1991 - 11/2015 March, November bau\_witilo wintertime: lack of orders 3.16) East 11/2001 - 11/2015 March, November Wording of question Further information 03/1991 to 11/2001 Winter construction: lack of orders Winter construction (for main construction trades) We had enough orders and an appropriate equipment to work through with full workforce in winter (19XX/19YY\*) 20XX/20YY\* \* Example: - except for the officially recognized days of bad weather. The question was posed in March 2004, then "20WW/20VV" = "2003/2004" The necessity of the layoff was mainly due to lack of orders [1] since 03/2002 Winter construction We had enough orders and an appropriate equipment to work through with full workforce in winter (19XX/19YY\*) 20XX/20YY\* If no: The necessity of the layoffs/ short-time work was mainly due to lack of orders [1] Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2002 2003 2004 2006 2007 2008 2009 2010 2001 2005 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST **EAST** 

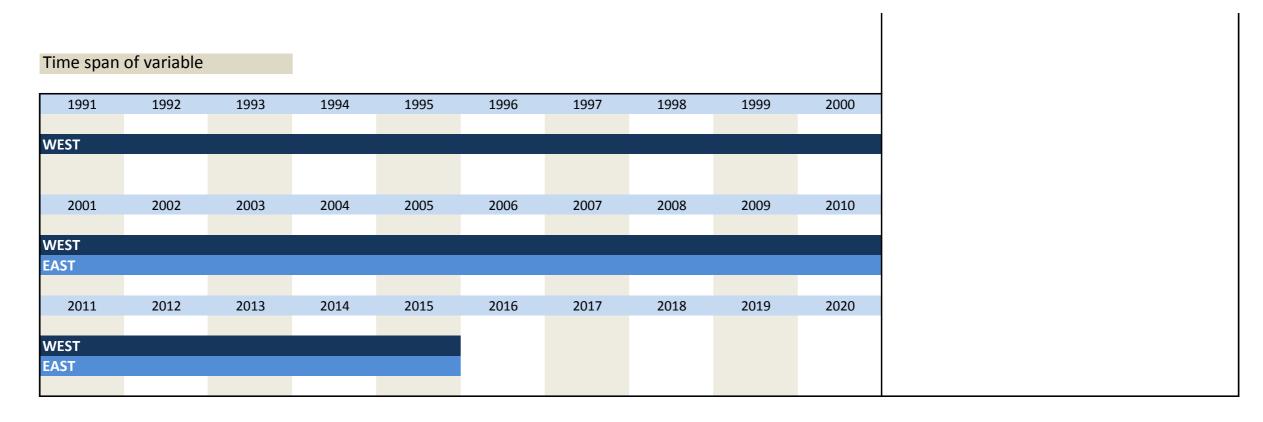
Survey period

Survey frequency

Survey frequency

3.17) bau_witirc wintertime: reasons of construction	West 03/1991 - 11/2015 East 11/2001 - 11/2015	March, November March, November
Wording of question	Last 11/2001 - 11/2013	iviaicii, Novellibei
Winter construction We had enough orders and an appropriate equipment to work through with full workforce except for the officially recognized days of bad weather.  If no: The necessity of the layoff was mainly due to  reasons of construction [1]	in winter (19XX/19YY*) 20XX/20YY*	Further information  Winter construction: reasons of construction (for main construction trades)  * Example: The question was posed in March 2004, then "20WW/20VV" = "2003/2004"
winter construction  We had enough orders and an appropriate equipment to work through with full workforce  If no:  The necessity of the layoffs/ short-time work was mainly due to	in winter (19XX/19YY*) 20XX/20YY*	

Survey period



No.	Name		Label				Survey per	iod		Survey frequency
3.18) Wording (	bau_witipw	I	wintertime: p	reference of w	orkers		West 11/1	991 to 11/1 996 - 11/20 01 - 11/201	15	March, November annual survey, November annual survey, November
03/1991 to 1	11/1995									Further information
Winter cons	<b>truction</b> I attitude of our	workers regar	rding winter co	onstruction, if	known: when	they have the	choice then			Winter construction: preference of workers (for main construction trades)
	winter-break-p working by no							]		
		pay without w	orking [1]		known: if they	had the choic	e,			
Time span	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										

No.	Name		Label				Survey per	iod		Survey frequency
3.19)	bau_flight	_ger	importance of	f flight connec	tions in Germa	any	West 03/2	013		once
V4/ 1:	<b>C</b>						East 03/20	13		once
Wording	of question									
										Further information
03/2013										Importance of flight connections to destinations in
Special ques	stion (once)									Importance of flight connections to destinations in Germany
	ant for your cor	mpany is a fligl	ht connection t	o destinations	in					
			vorv		less		1			
			very important	important	important	unimportant				
			[1]	[2]	[3]	[4]				
	Geri	many								
Time char	of variable									
rime spar	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
										1

200	)1	2002	2003	2004	2005	2006	2007	2008	2009	2010
201		2012	2010	2011	0015	2015	201-	2010	2010	2020
201	.1	2012	2013	2014	2015	2016	2017	2018	2019	2020
			WEST							
			EAST							

	Name		Label				Survey per	iod		Survey frequency
20)	bau_flight	_eur	importance of	f flight connec	tions in Europe		West 03/20			once
/ a u al : a a .	of acception						East 03/20	13		once
voraing (	of question									
										Further information
3/2013										
ecial ques	stion (once)									Importance of flight connections to destinations in Europ
	ant for your cor	mpany is a fligh	nt connection t	o destinations	in					
			very		less					
			important	important	important	unimportant				
			[1]	[2]	[3]	[4]				
	Eur	rope								
ime spar	n of variable									
ime spar	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995 2005	1996 2006	1997	1998 2008	1999	2000	
1991	1992	1993								
1991	1992	1993								
1991	1992	1993								
1991	1992	1993								
1991	1992 2002	1993 2003 2013	2004	2005	2006	2007	2008	2009	2010	
1991	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	

	Name	ame Label Survey period						Survey frequency		
.21)	bau_flight	_world	importance of	f flight connec	tions worldwid		West 03/2013			once
Vording o	of question						East 03/20	13		once
										le ii . c . ii
3/2013										Further information
										Importance of flight connections to destinations
	<b>ition (once)</b> ant for your cor	mpany is a fligl	ht connection t	o destinations						worldwide
			very important	important	less important	unimportant				
	1	d • d .	[1]	[2]	[3]	[4]				
	work	dwide								
ime spar	of variable									
	of variable									
ime spar	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993								
1991	1992	1993								
1991 2001	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993								
1991 2001	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.22)	bau sdco	special difficulties: cancelation of order	West 05/1991 to 09/1995	May, September
3.22)	<u> </u>	special difficulties: cancelation of order	West since 04/1996	April, September
Wordi	ng of question		East since 09/2001	April, September

										From the entire form and the
since 05/1991										Further information
Since 05/1991										Cancellation of orders
Special difficulties										(for main construction trades)
During the last 6 mo	onths the follo	owing proble	ems bothered	d us:						(10) main construction trades)
		511118 p. 5211								
	cano	cellation of o	rders [1]							
					•					
since 09/2016										
special difficulties	ahlama durir	ag the last 6	NAontha?							
Did you have any pro	obieiris durii	ig the last o	MOHUIST							
yes, namely:										
yes, namely.	cano	cellation of o	rders [1]		Ī					
			. ,							
Time span of va	riable									
1001	202	1000	1004	4005	4006	4007	1000	1000	2000	
1991 19	992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
WEST										
2001 20	002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST										
2011 20	012	2013	2014	2015	2016	2017	2018	2019	2020	
MEGE										
WEST										
EAST										

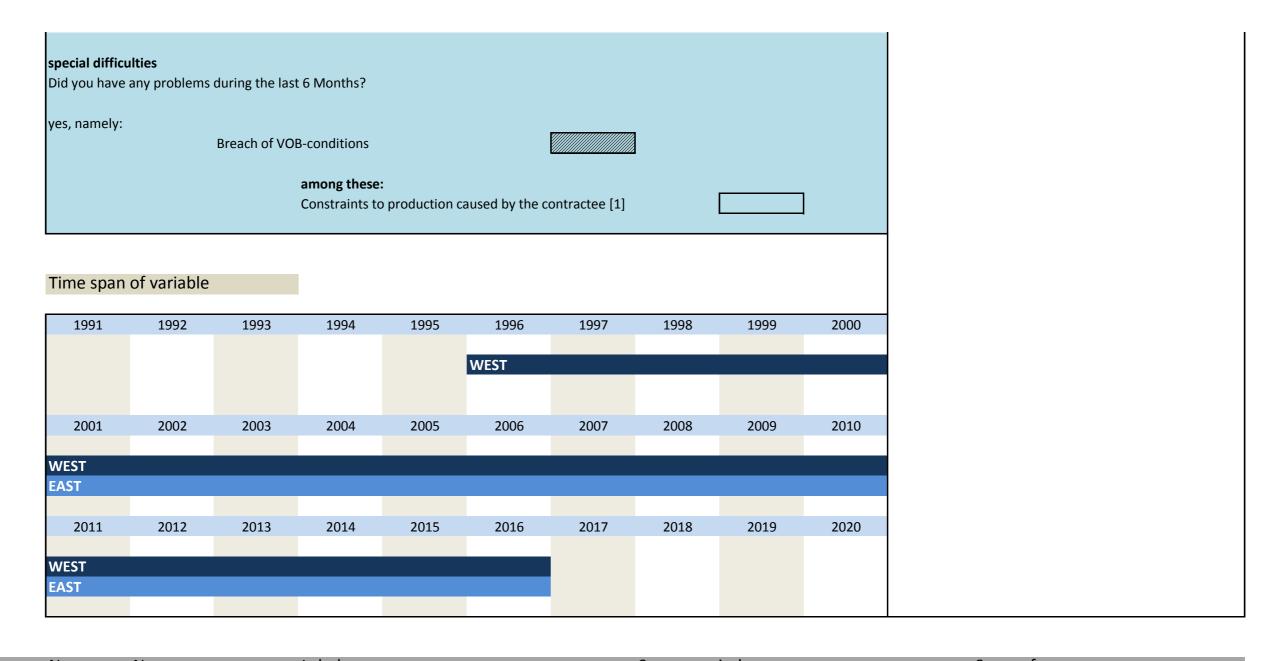
No.	Name	Name Label S					Survey per	Survey frequency		
3.23)	bau_sddp		special difficu	lties: defaultir	ng payment		West 05/1991 to 09/1995			May, September
Mording o	faucstion						West since			April, September
wording o	ding of question East since 09/2001									April, September
										Further information
since 05/1991	l									Defaulting payment of contractees
Special diffici	ulties		(for main construction trades)							
During the las	t 6 months the	following pro	blems bother	ed us:						
		defaulting pay	yment of contr	actees [1]						
			,	(-)			J			
since 09/2016										
Sirile 09/2010	,									
special difficu										
Did you have	any problems o	during the last	6 Months?							
yes, namely:							_			
		defaulting pay	yment of contr	actees [1]			]			
										1
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
NATE OF										
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	
WEST										
EAST										
										1

Name	Label	Survey period	Survey frequency
bau_sdlap of question	special difficulties: labor piracy of manpower	West 05/1991 to 09/1995 West since 04/1996 East since 09/2001	May, September April, September April, September
			Further information
91			labor piracy of manpower
culties			(for main construction trades)
ast 6 months the followi	ng problems bothered us:		
9	bau_sdlap of question of	bau_sdlap special difficulties: labor piracy of manpower of question	bau_sdlap special difficulties: labor piracy of manpower West 05/1991 to 09/1995 West since 04/1996 East since 09/2001

		labor piracy o	f manpower [1								
since 09/201	6										
	ecial difficulties d you have any problems during the last 6 Months?										
yes, namely:											
Time span	of variable										
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
WEST											
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
WEST EAST					_	_					
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
WEST EAST											

No.	Name		Label				Survey per	iod		Survey frequency
2.25)	hau cdhra	nach	anagial diffi	tion branch	of VOD condition		Wost OF /1	001 to 00/1	005	May Sontombor
3.25)	bau_sdbre	dCII	special difficu	ities: breach c	of VOB-condition	ons	West os/1	991 to 09/1	995	May, September April, September
Wording	of question						East since			April, September
								•		1 / 1
										Further information
since 05/199	91		Duna de af VOD and distant							
Special diffic	rulties		Breach of VOB-conditions (for main construction trades)							
	ast 6 months th	e following pro		(101 main construction trades)						
							_			
		Breach of VO	B-conditions [1	]			_			
since 09/201	16									
special diffic										
Did you have	e any problems	during the last	t 6 Months?							
yes, namely:										
		Breach of VO	B-conditions [1	]						
Time spar	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
WLST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
VALECT										
WEST EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
14/50E										
WEST EAST										
LASI										

No.	Name	Label	Survey period	Survey frequency
3.26)	bau_sdcc	special difficulties: constraints to construction	West since 04/1996	April, September
Wording	g of question		East since 09/2001	April, September
				Further information
since 04/19	996			
				Constraints to production
Special dif				(for main construction trades)
During the	last 6 months the follo	wing problems bothered us:		
	Breach of VOB-cond	ditions		
	amor	ng these:		
	Cons	traints to production caused by the contractee [1]		
since 09/20	016			



No.	Name		Label				Survey per	iod		Survey frequency
							<b>NA</b> / 1 '	04/4006		A 11 C
3.27)	bau_sdda		special difficul	ties: delay of	final acceptanc	е	West since			April, September
Wording	of question						East since (	J9/2001		April, September
vvoiumg	or question									
										Further information
since 04/199	96									
										Delay of final acceptance
Special diffi										(for main construction trades)
During the la	ast 6 months the	e following pro	oblems bothere	d us:						
	Breach of VO	D conditions								
	breach of voi	b-conditions								
		among these	:							
			acceptance cau	sed by the co	ntractee [1]					
since 09/20:	16									
anasial diffi	مراخته									
special diffic	re any problems	during the last	t 6 Months?							
Dia you nav	e any problems	during the last	t o Months:							
yes, namely	<i>r</i> :									
		Breach of VOI	B-conditions							
			among these:				ı			
			delay of final a	icceptance ca	used by the cor	ntractee [1]				
Time spar	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
					WEST					
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2003	_00 1	2003		2007	2000	2003	_010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
WEST EAST										
EAST										
										1

No.		Name	Label	Survey period	Survey frequency
3.28	3)	bau_sdlop	special difficulties: accepting the bid by the lowest price	West since 04/1996 East since 09/2001	April, September April, September
Wo	ording of	f question	price	2431 311100 03/2001	7.pm, september
					Further information
since	e 04/1996	5			Turther information
					Accepting the bid by the lowest price
	cial difficu	ulties at 6 months the following pro	ablams batharad us		(for main construction trades)
Duri	ing the ias	st o months the following pro	obiems bothered us.		
		Breach of VOB-conditions			

	among these:  Accepting the bid by the lowest price and not the  most profitable offer [1]												
since 09/2016													
<b>special difficul</b> Did you have a		during the last	t 6 Months?										
yes, namely:  Breach of VOB-conditions													
			among these: Accepting the most profitab	bid by the lov	west price and	not the			]				
Time span o	of variable												
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000				
1991	1992	1993	1994	1995	1996 WEST	1997	1998	1999	2000				
2001	1992	1993 2003	1994 2004	1995 2005		1997 2007	1998	1999 2009	2000				
2001 WEST					WEST								
2001 WEST EAST	2002	2003	2004	2005	<b>WEST</b> 2006	2007	2008	2009	2010				
2001 WEST					WEST								

Survey frequency

Label

No.

2 20)	hau sdnar	) FO		ia:			West 05/1991 to 09/1995			May Contombor
3.29)	bau_sdnop	ЛО	special difficu	ities: no sever	e problems		West since 04/1996			May, September April, September
Wording	of question						East since 09/2001			April, September
										Curther information
since 05/19	91									Further information
			No severe problems							
Special diff		o following pro	(for main construction trades)							
During the	last 6 months the	e following pro	bilems bothers	eu us.						
		no severe pro	blems [1]				]			
since 09/20	16									
special diffi	re any problems	during the last	6 Months?							
, , , , , , , , , , , , , , , , , , , ,	c any producting						_			
		No [1]					J			
										1
			ı							
Time spa	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
3.30)	bau_wh1	working hours: payment of overtime	West 04/1991 to 04/1995	annual survey, April
Wording	of question			
				Further information
04/1991 to (	04/1995			Payment of overtime
Allowance o	of working hours			
Our compan	ny occasionally pays addition	nal working hours (not actually carried out work) for good	d work,	
travel times	and other. yes [1]	no [2]		

Time span	of variable	_							
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WEST									
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

Survey frequency

Label

31)	bau_wh2		working hour	s: developmer	nt		West 04/19	991 to 04/19	95	annual survey, April
ording o	of question									
1/1001 += 0	04/100F									Further information
1/1991 to 0	14/ 1995									Development of additional working hours
llowance o	f working hours	;								
	y occasionally pa		I working hour	(not actually	carried out wo	ork) for good v	vork,			* Example
avel times	and other reaso	ns. If yes:								The question was posed in April 1993, "19XX=1992" and ""19YY=1991"
XX* comp	ared to 19YY the	number of a	dditionally allo	wed hours ha	S					
			increased [1]			1				
			not changed [	21			]			
			decreased [3]							
ime span	of variable									
•										
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
/FST										
/EST										
/EST 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.32)	bau_wh3	working hours: number in t-1	West 04/1991 to 04/1995	annual survey, April

# Wording of question

No.

4/1001 to 04	1/1005									Further information
/1991 to 04	1995	Additional working hours in t-1								
ur company avel times a	working hours occasionally pand other reaso the additionally	ays additional ons. If yes:	* Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991"							
	,									
			about	% in 19XX						
me span	of variable									
1991	1992	1002								
		1993	1994	1995	1996	1997	1998	1999	2000	
/FCT		1993	1994	1995	1996	1997	1998	1999	2000	
/EST		1993	1994	1995	1996	1997	1998	1999	2000	
	2002									
2001	2002	2003	2004	2005	1996 2006	1997 2007	1998	2009	2000	
	2002									
	2002									
2001 2011	2002									

.33)	bau_wh4		working hours: number in t-2				West 04/19	Vest 04/1991 to 04/1995		annual survey, April
ording o	f question									
ur company	working hour	ays additional	working hours	s (not actually	carried out wo	ork) for good w	ork,			Further information  Additionally allowed hours in t-2  * Example The question was posed in April 1993, "19XX=1992" and ""19YY=1991"
ne share of t	the additionall		rs to the total p		S:					
ime span	of variable		about	% in 19YY						
ime span	of variable		1994	% in 19YY	1996	1997	1998	1999	2000	
1991					1996	1997	1998	1999	2000	
					1996	1997	1998	1999	2000	
1991 VEST	1992	1993	1994	1995						

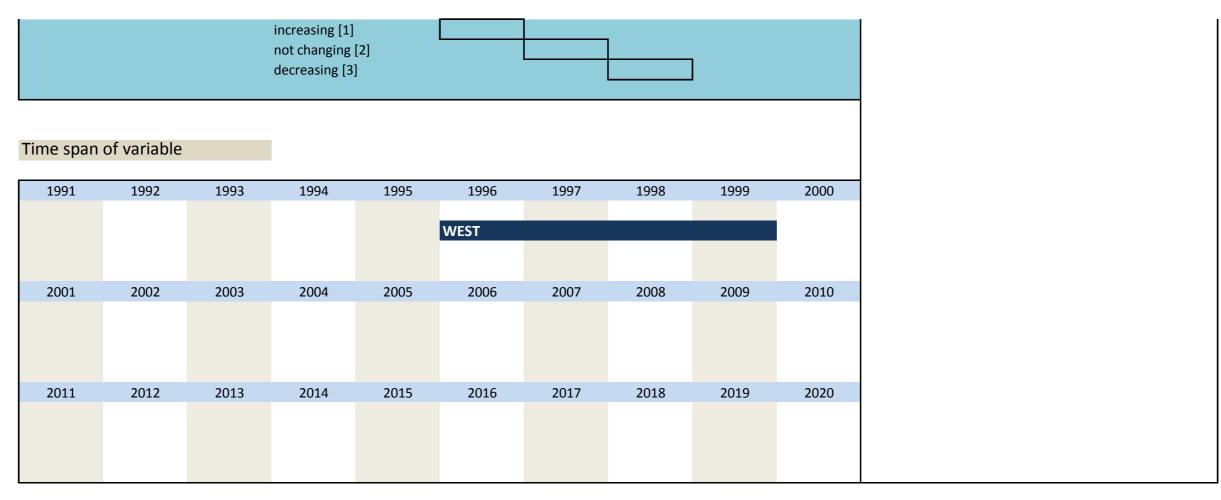
Survey frequency

Label

No.

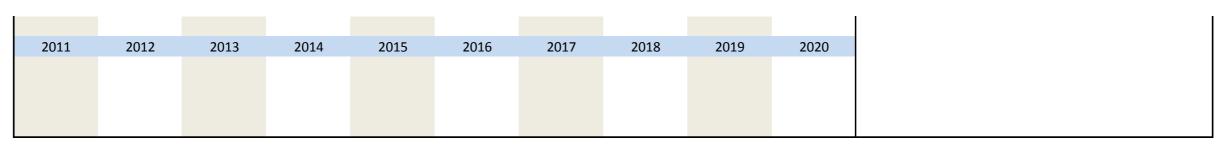
No.	Name		Label			Survey period			Survey frequency	
3.34) Wording o	bau_chord1		range of order	s within next	2 months: con	nplete	West 05/1991 to 05/1995 West 05/2000 - 05/2015 East 05/2001 - 05/2015			annual survey, May annual survey, May annual survey, May
Expected de Because of c our range of	velopment of th urrent requests, orders to be	e range of or submission r		2]	ions, during th	e next two mo	onths we expec	t		Development of the range of orders in 2 months (for main construction trades)
1991 WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000 WEST	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST EAST	_								_	
2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	2020	

No.	Name	Label	Survey period	Survey frequency
3.35)	bau_chord2	range of orders within next 2 months:	West 05/1996 to 05/1999	annual survey, May
\A/a adia a	of acception	other civil engineering		
wording	of question			
				Further information
05/1996 to 0	05/1999			
Expected de	velopment of the range of	orders		Development of the range of orders in 2 months: other civil engineering
•	•	n results and contract negotiations, during the next two	months we expect	
our range of	orders to be			
	other civil engineering			



	Name		Label				Survey per	IOO		Survey frequency
36) Yording o	bau_chord	3	range of orde public civil en		2 months:		West 05/1996 to 05/1999			annual survey, May
/1996 to 0										Further information  Development of the range of orders in 2 months:
rcause of co	orders to be  public civil en	, submission	results and con increasing [1] not changing decreasing [3]	[2]	ons, during the	e next two mo	onths we expec	t		public civil engineering
me span	of variable									
1991	1992	1993	1994	1995	1996 WEST	1997	1998	1999	2000	
1991	1992 2002	1993 2003	1994		1996 WEST 2006	1997	1998	1999	2000	

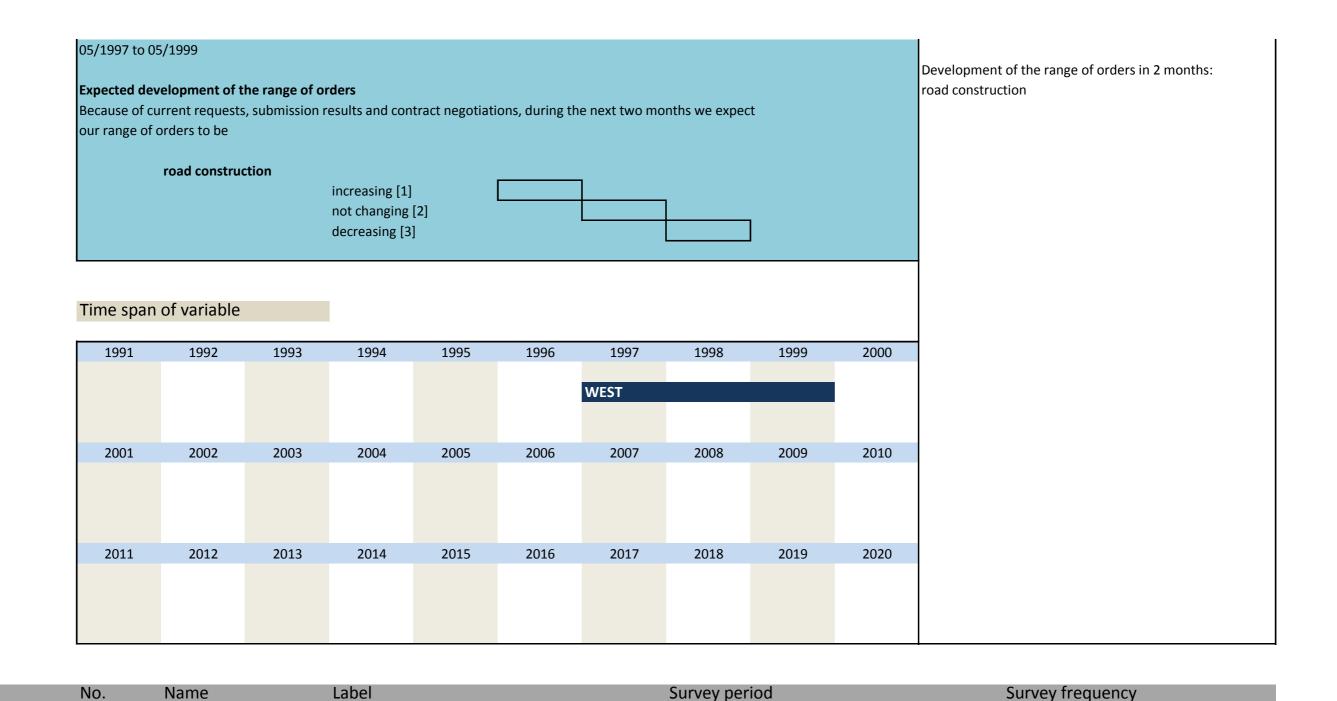
lo.	Name		Label				Survey per	iod		Survey frequency
37) Vording c	bau_chord4 range of orders within next 2 months: industrial civil engineering  of question  West 05/1996 to 05							.999	annual survey, May	
ecause of c	velopment of to urrent requests orders to be industrial civi	, submission i	results and cont	[2]	ions, during the	e next two mo	nths we expec	t		Further information  Development of the range of orders in 2 months: industrial civil engineering
ime span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2332	2333	255 .	2555	WEST	2007	2550			



Survey frequency Survey period No. Name Label annual survey, May bau\_chord5 West 05/1996 to 05/1999 3.38) range of orders within next 2 months: domestic construction, complete Wording of question Further information 05/1996 to 05/1999 Development of the range of orders in 2 months: Expected development of the range of orders total residential construction Because of current requests, submission results and contract negotiations, during the next two months we expect our range of orders to be total residential construction increasing [1] not changing [2] decreasing [3] Time span of variable WEST 

No.	Name		Label				Survey peri	iod		Survey frequency
3.39) Wording (	bau_chordof question	6	_		2 months: dor or more appar		West 05/19	996 to 05/19	999	annual survey, May
Because of c	evelopment of the current requests orders to be	, submission i		s with	ions, during th	e next two mo	onths we expect	t		Further information  Development of the range of orders in 2 months: Buildings with 3 or more apartments
	n of variable	1002	1004	1005	1000	1007	1000	1000	2000	
1991	1992	1993	1994	1995	1996 WEST	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.40)	bau_chord7	range of orders within next 2 months:	West 05/1997 to 05/1999	annual survey, May
Wordin	g of question	road construction		
				Further information



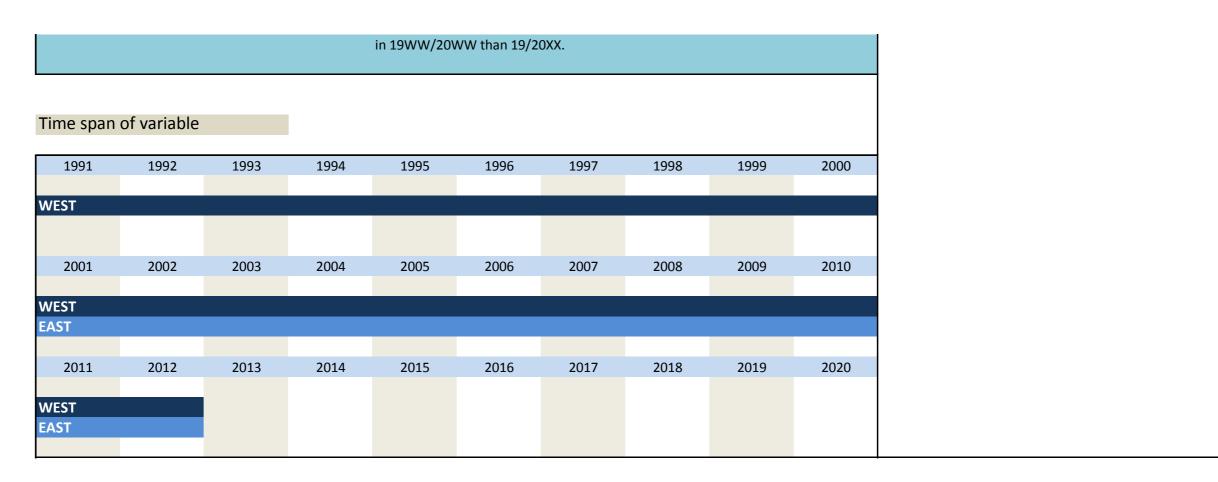
Survey period

Survey frequency

Name

West since 06/1991 annual survey, June bau\_cvno changes in construction volume: no changes 3.41) annual survey, June East since 06/2001 Wording of question Further information 06/1991 to 06/1995 Changes in construction volume Construction volume (for main construction trades) As far as it is possible to forecast already our constructions will presumably be \*Example: The question was posed in April 1993, more [1] "19WW=1993" and ""19XX=1992" not changing [2] less [3] \*\*since 06/2009 by volume in 19WW\* than 19XX. Same characteristic as in the years 1991 to 1995 [1] = more since 06/1996 [2] = about the same [3] = less Construction volume As far as it is possible to forecast already our constructions will presumably be Higher or lower construction volume is not inquired in the questionnnaire, but calculated from not changing [1]\*\* the variables 3.39) cvpos and 3.40) cvneg by volume in 19WW/20WW compared to 19/20XX. Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST **EAST** 2012 2013 2014 2015 2016 2017 2018 2019 2020 2011 WEST **EAST** 

No.	Name	Label	Survey period	Survey frequency
3.42)	bau_cvpos	changes in construction volume:	West since 06/1991	annual survey, June
Wording	g of question	positive changes in %	East since 06/2001	annual survey, June
	5 0 1 qui oction			
				Further information
since 06/19	991			
				Changes in construction volume: positive changes in %
Construction	ion volume			(for main construction trades)
As far as it	is possible to forecast a	already we will presumably construct		
				*Example:
		more, in fact about %		The question was posed in April 1993,
				"19WW=1993" and ""19XX=1992"



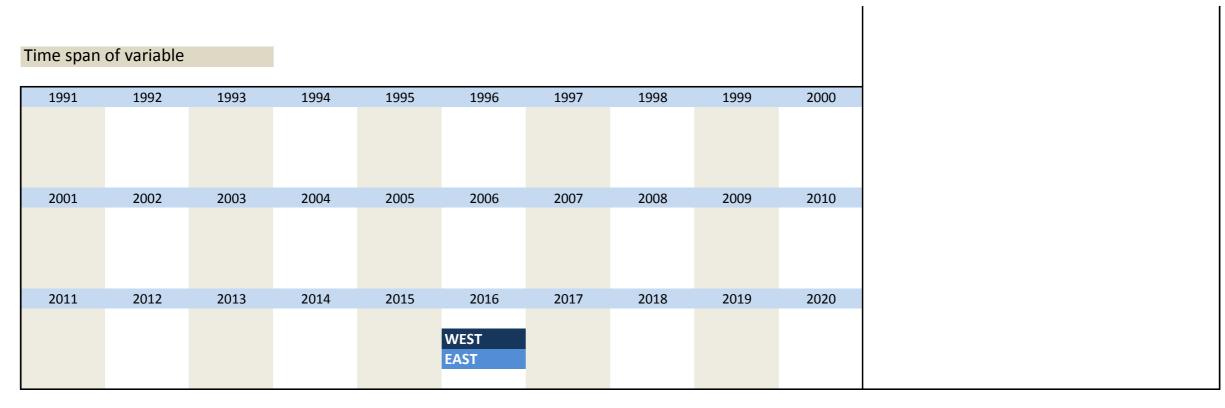
No.	Name		Label				Survey per	iod		Survey frequency
.43)	bau_cvneg		changes in co	nstruction volu	ıme:		West since	06/1991		annual survey, June
,			negative chan				East since			annual survey, June
Vording (	of question		0							
										Further information
ince 06/199	91									Change in a section of income in a section of the s
onstructio	n volume									Changes in construction volume: negative changes in (for main construction trades)
	s possible to fore	cast already w	e will presum	ably construct						(10) main construction trades,
										*Example:
			less, in fact ab	out	_%					The question was posed in April 1993,
				in 19WW/20V	101/11 - 10/0	ovv.				"19WW=1993" and ""19XX=1992"
				In 14W/W/////////	VVV than 1977	UXX.				
				111 13 00 00/200	*** than 13/2					
				111 13 00 00 / 200	*** than 13/2					
				1111900007200	*** than 13/2					
ime spar	n of variable			111 1300 00,200						
		1002					1000	1000	2000	
ime spar	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993					1998	1999	2000	
1991		1993					1998	1999	2000	
1991 VEST	1992		1994	1995	1996	1997				
1991		1993					1998	1999	2000	
1991 VEST	1992		1994	1995	1996	1997				
1991 VEST 2001	1992		1994	1995	1996	1997				
1991 VEST 2001 VEST	1992	2003	1994	1995	1996	1997 2007	2008	2009	2010	
1991 VEST 2001 VEST	1992		1994	1995	1996	1997				
1991 VEST 2001 VEST AST 2011	1992	2003	1994	1995	1996	1997 2007	2008	2009	2010	
1991 VEST 2001 VEST	1992	2003	1994	1995	1996	1997 2007	2008	2009	2010	

0.	Name		Label				Survey per	iod		Survey frequency
ording o	bau_cvpr_		% of construct by drawing lot				West since (			annual survey, June annual survey, June
ce 06/201 ecution st year's to			of the building	contractor	in t	otal				Further information  Share of drawing lots to the total performance last year total)
		(individual tra	ades without so	cheduling)	by circa	%				
me span	of variable		1994	1995	by circa	1997	1998	1999	2000	
							1998	1999	2000	

No.	Name		Label				Survey peri	od		Survey frequency
3.45)	bau_cvpr_	sc	% of construct	ion volume:			West 06/20			annual survey, June
NA/ a malting as	- <b>f</b>		as subcontrac	tor (in general	)		East 06/202	13 - 06/201	.5	annual survey, June
wording	of question									
										Further information
since 06/201	13									
Execution										Share of activities as a subcontractor to last year's total construction volume (in total)
Last year's to	otal constructio	n volume (=10	0%) was accou	nted for by						
(share in %)					in to	otal				
		activities as s	ubcontractor		III C	otai				
		activities as si	ubcontractor		by circa	%				
Time spar	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2042	2012	2014	2015	2016	2017	2040	2010	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								

No.	Name		Label				Survey per	iod		Survey frequency
3.46)	bau_cvpr_	pc	% of construc	tion volume:			West 06/2	013 - 06/20	15	annual survey, June
5 ,		.P C	as prime cont		ral)		East 06/20			annual survey, June
Wording	of question									
										Further information
since 06/202	13									
										Share of activities as prime contractor to last year's total
Execution	otal constructio	n volume (=10	IO%) was accou	inted for hy						construction volume (in total)
(share in %)		ii voidille (=10	ovoj was accou	inted for by						
					in t	otal				
		activities as p (with partial of	rime contracto	or						
		completion)	construction		by circa	%				
					·					
Time spar	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2010	2012	2011	2015	2015	2017	2010	2010	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								

No.	Name	Label	Survey period	Survey frequency
0.4=\	ha aa. aana		Wast sines 06/2016	
3.47)	bau_cvpr_scpc	% of construction volume:	West since 06/2016	annual survey, June
		as sub contractor and prime contractor (in general)	East since 06/2016	annual survey, June
Wording of	of question			
				Further information
since 06/201	16			
Execution				
Last year's to	otal construction volume (	=100%) was accounted for by		
(share in %)		, , , , , , , , , , , , , , , , , , ,		
(0.1.0.1.0.11.7.5)		in total		
	activities a	s sub contractor and prime		
	contractor	by circa%		
		by CIICa%		



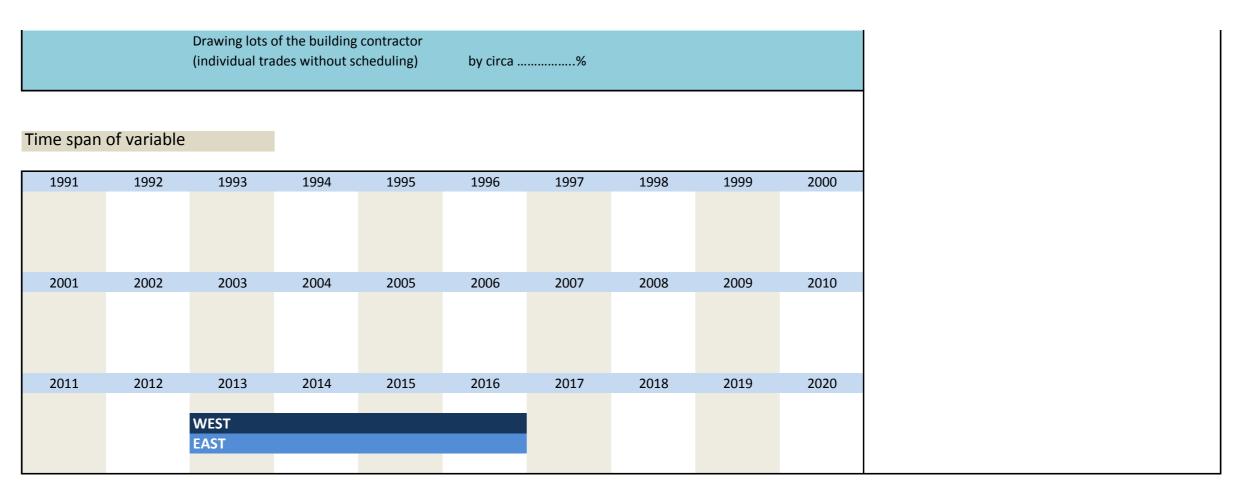
	Name		Label				Survey per	100		Survey frequency
<sup>48)</sup> /ording c	bau_cvpr_		% of construct as general con	tion volume: ntractor (in ger	neral)		West 06/20 East 06/20			annual survey, June annual survey, June
ace 06/201	3									Further information  Share of activities as general contractor to last year construction volume (in total)
			neral contracto ction execution rs)		by circa	%				
me snan	of variable				<u> </u>					
me span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995			1998	1999	2000	
1991	1992	1993			1996	1997				

No.	Name		Label				Survey per	iod		Survey frequency
INU.	Ivallie		Lanel				Survey per	100		Julvey frequency
3.49) Wording o	bau_cvpr_	solec	% of construct as sole contra		al)			013 - 06/20 13 - 06/201		annual survey, June annual survey, June
since 06/201	2									Further information
Execution		n volume (=1	00%) was accou	nted for by						Share of activities as sole contractor to last year's total construction volume (in total)
Silare III 70)					in t	otal				
Time span	ı of variable	(planning an providing es	ole contractor ad construction e sential own serv		by circa	%				
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1331	1332	1333	1334	1993	1330	1337	1330	1333	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								

0.	Name		Label				Survey per	iod		Survey frequency
50)	bau_cvpr_o		% of construct				West 06/20			annual survey, June
ording c	of question		others (in gen	eral)			East 06/20	13 - 06/201	5	annual survey, June
										Further information
nce 06/201	3									Share of other activities to last year's total construction
ecution										volume (in total)
	tal construction	volume (=10	0%) was accou	nted for by						
hare in %)					in t	otal				
			l contractor, p							
			oper, system p	rovider, pre- I construction						
	- 11	mancing mod	icis, iunicuona	i constituction						
		contract, PPP			by circa	%				
					by circa	%				
					by circa	%				
ime span					by circa	%				
	of variable	contract, PPP	models)				1008	1000	2000	
ime span	c			1995	by circa	1997	1998	1999	2000	
	of variable	contract, PPP	models)				1998	1999	2000	
	of variable	contract, PPP	models)				1998	1999	2000	
	of variable	contract, PPP	models)				1998	1999	2000	
1991	of variable	1993	1994	1995	1996	1997				
1991	of variable	1993	1994	1995	1996	1997				
1991	of variable	1993	1994	1995	1996	1997				
1991	of variable	1993	1994	1995	1996	1997				
1991	of variable 1992 2002	1993 2003	1994 2004	1995	1996	1997	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
3.51)	bau_cvpr_o	oth2	% of construc	tion volume:			West since			annual survey, June
11			others (in gen	others (in general)			East since 06/2016			annual survey, June
Wording of	of question									
										Further information
since 06/201	16									
Execution										Share of other activities to last year's total constr volume (in total)
	otal construction	n volume (=10	00%) was accou	inted for by						volume (in total)
(share in %)		,	,	,						
					in t	otal				
		others								
					by circa	%				
Time spar	n of variable									
1001	4003	1002	1004	1005	1000	1007	1000	1000	2000	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2003	2004	2003	2000	2007	2000	2003	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2015	WEST	2017	2018	2019	2020	
2011	2012	2013	2014	2015		2017	2018	2019	2020	

NO.	Name	Label	Survey period	Survey frequency
			06/2012	
3.52)	bau_cvpu_bdl	% of construction volume:	West since 06/2013	annual survey, June
		by drawing lots (public clients)	East since 06/2013	annual survey, June
Wording	g of question			·
	,			
				Further information
				Further information
since 06/20	013			
				Share of drawing lots to last year's total construction
Execution				volume (public principals)
Last vear's	total construction volume	(=100%) was accounted for by		
(share in %		( 20075, 1100 0000011100 101 by III		
(Silare III %	9)			
		public pri	ncipals	



).	Name		Label				Survey peri	iod		Survey frequency
3) ording (	bau_cvpu_sc % of construction volume:  as subcontractor (public clients)  West 06/2013 - 06/2015  East 06/2013 - 06/2015									annual survey, June annual survey, June
ce 06/201  cution t year's to are in %)	otal constructic	n volume (=10	00%) was accou	nted for by						Further information  Share of activities as subcontractor to last year's tota construction volume (public principals)
ure III 76 <b>,</b>		activities as s	ubcontractor		public p					
ne spar	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST EAST								

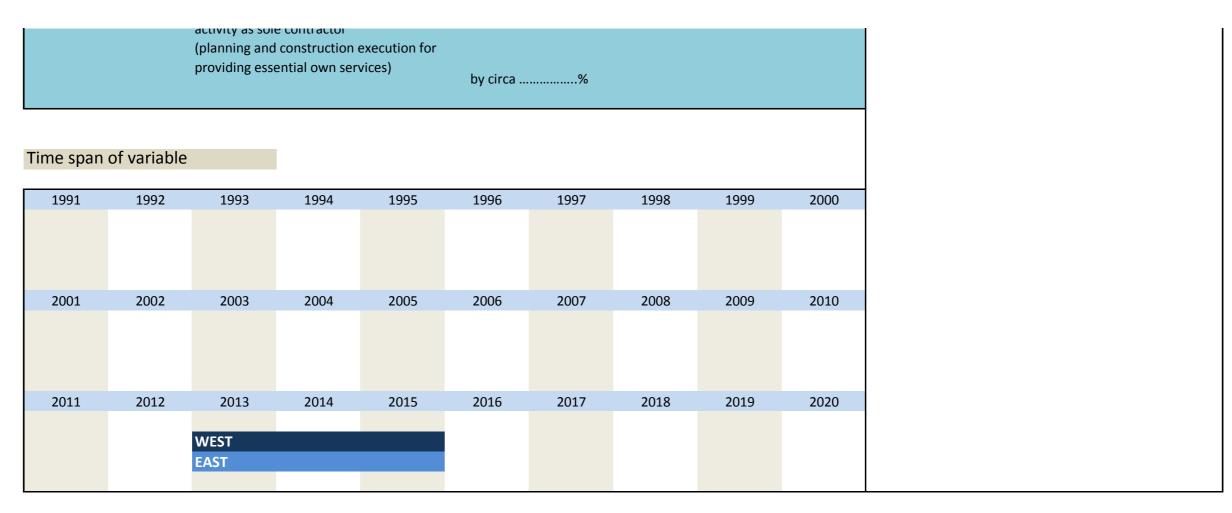
	Name	Label Survey period					Survey frequency			
54)	bau_cvpu_	_рс	% of construct	tion volume:			West 06/2			annual survey, June
	as prime contractor (public clients) East 06/2013 - 06/2015						.5	annual survey, June		
ording o	rding of question									
										Further information
nce 06/201	13									
										Share of activities as prime contractor to last year's tota
ecution										construction volume (public principals)
	otal constructio	n volume (=10	0%) was accou	nted for by						
hare in %)					public p	rincipals				
		activities as p	rime contracto	r	p					
		(with partial o	construction							
		completion)			by circa	%				
ime span	n of variable									
me span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994 2004	1995 2005	1996 2006	1997 2007	1998 2008	1999 2009	2000	
1991	1992	1993								
1991	1992	1993								
1991	1992	1993								
1991	1992	1993								
1991	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	

EAST

No.	Name		Label				Survey per	od		Survey frequency
3.55)	bau_cvpu_scp		% of construct					annual survey, June		
Wording o	55) bau_cvpu_scpc % of construction volume: as sub contractor and prime contractor (public clients)  Wording of question  West since 06/2016  East since 06/2016									annual survey, June
since 06/201	6									Further information
Execution Last year's to (share in %)	otal construction vol	ume (=100	0%) was accou	nted for by	public	clients				
		vities as su tractor	ıb contractor a	nd prime	by circa					
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016 WEST EAST	2017	2018	2019	2020	

lo.	Name		Label				Survey period			Survey frequency
56) Vording o	bau_cvpu		% of construction volume: as general contractor (public clients)				West 06/2013 - 06/2015 East 06/2013 - 06/2015			annual survey, June annual survey, June
										Further information
nce 06/2013 xecution ast year's to hare in %)		on volume (=10	0%) was accou	nted for by						Share of activities as general contractor to last year's tota construction volume (public principals)
			neral contracto ection executio rs)		public p	rincipals				
ime span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2505	200,	2003	2000	2007	2008	2003	2010	

No.	Name	Label	Survey period	Survey frequency
3.57)	bau_cvpu_solec	% of construction volume: as sole contractor (public clients)	West 06/2013 - 06/2015 East 06/2013 - 06/2015	annual survey, June annual survey, June
Wording	of question	as sole contractor (public clients)	Lust 00/2013 00/2013	annual survey, surie
				Further information
since 06/20	13			ruttier information
				Share of activities as sole contractor to last year's total
Execution				construction volume (public principals)
Last year's t	otal construction volume (=	100%) was accounted for by		
(share in %)				
		public principals		
	activity as o	cala contractor		



	Name		Label				Survey per	iod		Survey frequency
58) bau_cvpu_oth % of construction volumothers (public clients)  /ording of question							West 06/20 East 06/20			annual survey, June annual survey, June
nce 06/201	<b>o</b>									Further information
ecution		on volume (=10	00%) was accou	ınted for by						Share of other activities to last year's total constructivolume (public principals)
		project devel	al contractor, p oper, system p dels, functiona models)	rovider, pre-	public p	rincipals				
	of variable									
me span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993								
1991	1992	1993								
1991	1992	1993								
1991	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey period			Survey frequency
3.59) Wording	bau_cvpu_ of question	oth2	% of construct others (public				West since East since (			annual survey, June annual survey, June
since 06/201  Execution  Last year's to (share in %)	otal construction	n volume (=10 others	00%) was accou	nted for by	public by circa					Further information  Share of other activities to last year's total construction volume (in total)
	n of variable	1000		100-	400	4007	4000	4000	2000	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
					WEST				
					EAST				

No.	Name		Label Survey period							Survey frequency
3.60)	bau_pcgc	_gen	We regularly	act as prime/	general contra	ctor	West since	06/2013		annual survey, June
Mordina	(in general) East since 06/2013									annual survey, June
wording	Vording of question									
										Further information
since 06/2	2013									
Prime-/ ge	eneral contracto	r services								Regular work as prime/ general contractor (in general)
a) we regu	ularly act									
						in general				
							1			
		as nrime or g	eneral contrac	tor	yes [1]		]			
		us prime or g	cricial contrac	.01	no [2]		]			
Time spa	an of variable	<u>;</u>								
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2014	2042	2042	2044	2045	204.6	2047	2040	2040	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								
										<u> </u>

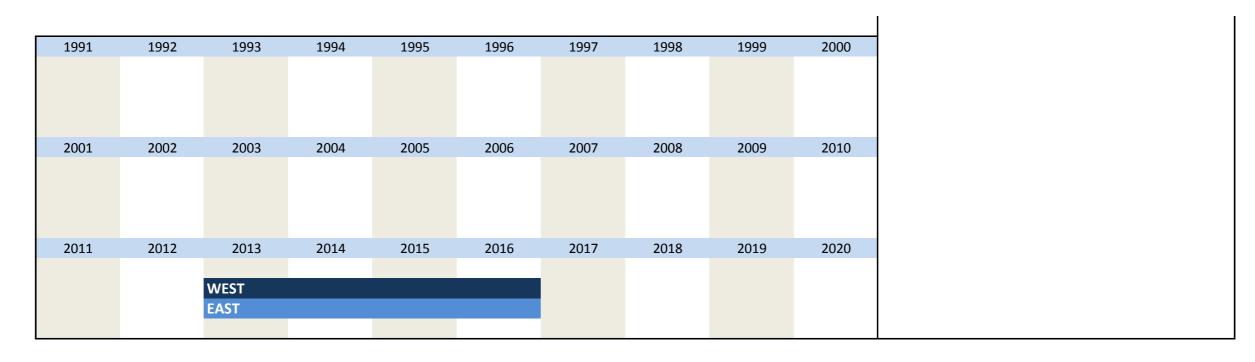
No.	Name		Label				Survey per	iod		Survey frequency
3.61) Wording o	bau_pcgc_ of question		We regularly act (public clients)	t as prime/ {	general contrad	ctor				annual survey, June annual survey, June
since 06/201  Prime-/ general) we regular	eral contracto	r services								Further information  Regular work as prime/ general contractors (public principals)
Time span	ı of variable		neral contractor		for yes [1] no [2]	public princip	pals			
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013 WEST EAST	2014	2015	2016	2017	2018	2019	2020	

No.	Name	Label	Survey period	Survey frequency
3.62)	bau_prop_gen	Propensity for placing orders with prime/ general	West since 06/2013	annual survey, June
		contractors (in general)	East since 06/2013	annual survey, June
Wording	of question			
				Further information
since 06/20	013			

P	rime-/ gener	ral contracto	r services								Propensity for placing orders with prime/ general contractors (in general)
b	) During the	last years the	e propensity of p	orincipals to p	lace orders as	prime/ genera	al contractors h	ıas			
						in general					
				i	ncreased [1]		]				
				not	changed [2]		]				
				d	ecreased [3]		]				
T	ime span	of variable	2								
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	2011	2042	2042	2011	2045	2016	2047	2040	2040	2020	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
			WEST								
			EAST								

No.	Name		Label				Survey peri	iod		Survey frequency
3.63)	bau_prop_		Propensity for		s with prime/	general	West since			annual survey, June
Wording	of question		contractors (p	ublic clients)			East since (	06/2013		annual survey, June
Wording	or question									
										Further information
since 06/20	13									Propensity for placing orders with prime/ general
Prime-/ gen	neral contractor s	services								contractors (public principals)
b) During th	ne last years the p	propensity of p	orincipals to pla	ace orders as p	orime/ genera	l contractors h	nas			
					public princip					
					, ,					
			ir	creased [1]						
			not	changed [2]						
			Œ	ecreased [3]						
Time snai	n of variable									
Time span	ii oi variabic									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								

No.	Name	Label	Survey period	Survey frequency
3.64)	bau_probl_pub	Are there problems regarding public procurement law	West since 06/2013	annual survey, June
\A/ =	f	(public clients)	East since 06/2013	annual survey, June
wording c	of question			
				Further information
since 06/201	3			
Prime_/ gene	eral contractor services			Problems regarding public procurement law (public clients)
_		ocurement law for public clients?		
		for public principals		
		yes [1]		
		no [2]		
Time span	of variable			



No.	Name		Label				Survey per	iod		Survey frequency
3.65)	bau_bes		borrowed equ	ipment / subo	contractors		West since			annual survey, July
							East since	07/2001		annual survey, July
Wording o	of question									
										Further information
since 07/199	)1									Parrayed againment
Rorrowed ed	quipment / pla	cing of equipm	nent intensive	works to sub	ontractors					Borrowed equipment (for main construction trades)
	we rent equip					nplete equipn	nent intensive	works		(for main construction trades)
		0.0					_			
		yes [1]			no [2]		]			
Time span	of variable									
•										
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST EAST				_		_			_	
LAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										
										1

No.	Name		Label				Survey per	iod		Survey frequency
3.66)	bau_beslc		borrowed equ	iipment / subc	contractors:		West 07/19	991 - 07/20	15	annual survey, July
Wording	of question		for lack of cap				East 07/20	01 - 07/201	.5	annual survey, July
										Further information
	equipment / place ly we rent equipr					mplete equipn	nent intensive	works .		Borrowed equipment due to lack of capacities (for main construction trades)
	to compensat	e fo short-terr	m lack of capac	ities [1]			]			
Time spa	an of variable		l							
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST EAST	_			_				_		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										
ENGI										

INO.	Ivallie	Lanei	Survey period	Survey frequency
3.67)	bau bessw	borrowed equipment / subcontractors:	West 07/1991 - 07/2015	annual survey, July
,	<del>-</del>			
		special work	East 07/2001 - 07/2015	annual survey, July
Wordin	g of question			

	<b>quipment / pla</b> o					mplete equipn	nent intensive	works .		Further information  Borrowed equipment due to special work (for main construction trades)
Time spar	for special wo by other com	panies [1]	e executed che	eaper						
1991 WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001 WEST EAST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	2020	

No.	Name		Label Survey period							Survey frequency		
3.68)	bau_beper		borrowed equ	uipment: num	ber in %		West since	07/1991		annual survey, July		
							East since	07/2001		annual survey, July		
Wording o	of question											
										Further information		
since 07/199	)1											
Downson of or	inmont / mlass	ing of online	ant intensive	auka ta auh						Borrowed equipment in %		
borrowea ed	quipment / plac				y in 20XX* wer	e horrowed e	auinment			(for main construction trades)		
			70 Of Our Equip	ment capacity	7 111 20/0/	e borrowed e	quipinent			* "20XX" means last year		
										Example:		
										If the question was posed in July 2003,		
Time span	of variable									"20XX"="2002".		
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000			
WEST												
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010			
2001	2002	2003	2004	2003	2000	2007	2006	2009	2010			
WEST												
EAST												
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020			
WEST												
EAST												

9) ording c	bau_belope of question		owed equipn ber in % for l		ods	West 07/1991 - 07/2015 East 07/2001 - 07/2015			annual survey, July annual survey, July	
ce 07/199	1									Further information  Borrowed equipment in %, longer periods
	quipment / placing o	(for main construction trades)								
					% of Borr	owed equipme	ent			
	of variable									
1991 EST	1992	1993 1	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003 2	2004	2005	2006	2007	2008	2009	2010	
EST ST	_	_								
2011	2012	2013 2	2014	2015	2016	2017	2018	2019	2020	

Survey period

Survey frequency

No.

Name

Label

WEST EAST

Survey period Survey frequency No. Label Name West 07/1991 - 07/2015 East 07/2001 - 07/2015 bau\_bewill annual survey, July borrowed equipment: willingness 3.70) annual survey, July Wording of question Further information since 07/1991 willingness to borrow equipment Borrowed equipment / placing of equipment intensive works to subcontractors (for main construction trades) During the last years the willingness to borrow equipment has increased [1] not changed [2] decreased [3] Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2012 2020 2011 2013 2014 2015 2016 2017 2018 2019 WEST

EAST

No.

Name

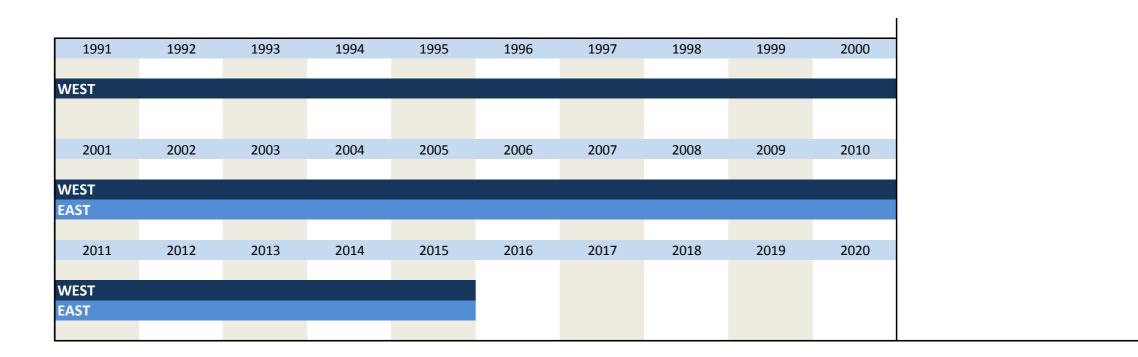
Label

No.	Name		Label				Survey per	iod		Survey frequency
3.71)	bau_bewilp		borrowed equ	uipment:			West 07/1991 - 07/2015			annual survey, July
Wording	of question		willingness fo	r longer perio	ds		East 07/20	01 - 07/201	.5	annual survey, July
										Further information
	91 equipment / placi last years the willi									willingness to borrow equipment for longer periods (for main construction trades)
			increased [1] not changed [ decreased [3]							
Time spa	n of variable		ı							
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
AST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										

3.72)	bau_sper	subcontractors: % of sales volume	West 07/1991 - 07/2015 East 07/2001 - 07/2015	annual survey, July annual survey, July
Wording	g of question		,	,, ,
				Further information
since 07/1	1991			
				Share of sales volume subcontractors
Borrowed	I equipment / placing of	equipment intensive works to subcontractors		(for main construction trades)
19/20XX*	equipment intensive ser	vices of subcontractors account for circa% of	four sales volume	
				* "20XX" means last year
				Example:
				If the question was posed in July 2003,

Survey period

Survey frequency



No.	Name		Label				Survey per	iod		Survey frequency
3.73)	bau_swill1		subcontractor	s: willingness			West 07/1	991 to 07/1	.995	annual survey, July
Wording	of question									
07/1991 to (	7/1005									Further information
										Placing special works to subcontractors
	quipment / place ast years the wil									
			increased [1] not changed [ decreased [3]					]		
Time spar	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	

2011

No.

2012

Name

2013

2014

Label

2015

2016

2017

2018

Survey period

2019

2020

Survey frequency

3.74)	bau_swill		subcontractor	rs: willingness			West 07/19			annual survey, July
Vording o	of question						EdSt 07/20	01 - 07/201	0	annual survey, July
nce 07/1996	6									Further information
TICE 07/1330	U									Placing of special works to subcontractors
	<b>quipment / plac</b> st years the wil									(for main construction trades)
	se years are wi	B.1.633 to p.1.		No to subcome		1				
			increased [1] not changed [	21			1			
			decreased [3]							
										-
limo cnan	of variable									
Time span	of variable		l							
ime span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996 WEST	1997	1998	1999	2000	
			1994	1995		1997	1998	1999	2000	
			1994 2004	1995 2005		1997	1998	1999	2000	
1991	1992	1993			WEST					
1991	1992	1993			WEST					
1991 2001 WEST	1992 2002	1993 2003	2004	2005	WEST	2007		2009		
1991 2001 VEST AST 2011	1992	1993			<b>WEST</b> 2006		2008		2010	
1991 2001 WEST	1992 2002	1993 2003	2004	2005	<b>WEST</b> 2006	2007	2008	2009	2010	

West since 08/1991

medium-term expected commercial operations:

annual survey, August

Survey frequency

bau\_co1

3.75)

No.

Name

Label

	bau_co2 f question		medium-term 4th quarter	expected co	mmercial opera	tions:	West since (			annual survey, August annual survey, August
Our state of b since 08/1996 <b>Medium-tern</b>	n <b>expected co</b> n ousiness with re	espect to eco	very good [1] good[2] satisfiable [3] bad [4] very bad [5]		4th quarter 19					Further information  Commercial operations this year, 4th quarter (for main construction trades)  *Instructions to answer "Please answer this special question for the whole company, plant or subsidiary"  ** "20WW" means this year  Example:  If the question was posed in July 2003, "20WW"="2003".
Time span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
<b>WEST</b> 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST EAST	2012		2014		2016		2018			
2011 WEST EAST	2012	2013	2014	2015	2010	2017	2018	2019	2020	

Survey period

3.77)	bau_co3		medium-term e	expected co	mmercial opera	itions:	West since	08/1991		annual survey, August
•			1st quarter	pootou oo	or oran open		East since (			annual survey, August
Wording c	of question		·					•		,, ,
										Further information
since 08/199	1 to 08/1995									Commercial operations next year, 1st quarter
Medium-terr	m expected con	nmercial ope	erations*							(for main construction trades)
	business with re				1st quarter 19	VV**				
			yong good [1]							*Instructions to answer
			very good [1] good[2]							"Please answer this special question for the whole company, plant or subsidiary"
			satisfiable [3]							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
			bad [4]							
			very bad [5]							** "20VV" means next year
										Example:
since 08/199	16									If the question was posed in August 2003 ,
										"20VV"="2004".
	<b>m expected con</b> business with re				1st quarter 20	\/\/**				
our state or i	Dusiness with re	spect to eco	nomic cycles		13t quarter 20	, v v				
			good [1]							
			satisfiable [2]							
			bad [3]							
T:	of variable									
Time shan	i ot variable									
Time span	i oi variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1991		1993	1994	1995	1996	1997	1998	1999	2000	
1991		1993	1994	1995	1996	1997	1998	1999	2000	
1991		1993	1994	1995	1996	1997	1998	1999	2000	
1991		1993	1994	1995	1996 2006	1997	1998	1999	2000	
1991 WEST 2001	1992									
1991 WEST 2001 WEST	1992									
1991 WEST 2001 WEST	1992									
1991 WEST	1992									
1991 WEST 2001 WEST EAST 2011	1992 2002	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001 WEST EAST	1992 2002	2003	2004	2005	2006	2007	2008	2009	2010	

Survey period

No.

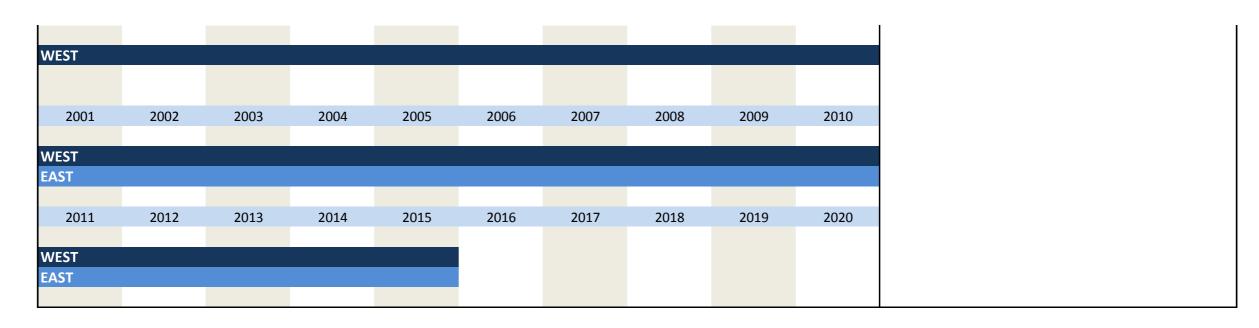
Name

Label

Survey frequency

	Name		Label				Survey per	100		Survey frequency
3.78) Wording	bau_co4 of question		medium-term 2nd quarter	expected con	mmercial opera	itions:	West since East since			annual survey, August annual survey, August
since 08/19	91 to 08/1995									Further information
	rm expected cor	nmercial ope	rations*							Commercial operations next year, 2nd quarter (for main construction trades)
	f business with re				2nd quarter 2	0VV**				
			very good [1] good[2] satisfiable [3] bad [4]							*Instructions to answer  "Please answer this special question for the whole company, plant or subsidiary"
			very bad [5]							** "20VV" means next year
since 08/19	96									Example:  If the question was posed in August 2003,
Medium-tei	r <b>m expected co</b> r f business with re		nomic cycles		2nd quarter 2	0VV**				"20VV"="2004".
Medium-tei	rm expected cor				2nd quarter 2	0VV**				"20VV"="2004".
<b>Medium-te</b> Our state of	rm expected cor		good [1] satisfiable [2]		2nd quarter 2	0VV**				"20VV"="2004".
<b>Medium-te</b> Our state of	r <b>m expected co</b> r f business with re		good [1] satisfiable [2]	1995	2nd quarter 2	0VV** 1997	1998	1999	2000	"20VV"="2004".
Medium-ter Our state of Time spar	rm expected conf business with re	espect to eco	good [1] satisfiable [2] bad [3]				1998	1999	2000	"20VV"="2004".
Medium-ter Our state of Time span	rm expected conf business with re	espect to eco	good [1] satisfiable [2] bad [3]				1998	1999	2000	"20VV"="2004".
Medium-ter Our state of  Time span  1991  WEST	n of variable	1993	good [1] satisfiable [2] bad [3]	1995	1996	1997				"20VV"="2004".
Medium-ter Our state of  Time span  1991  WEST  2001	n of variable	1993	good [1] satisfiable [2] bad [3]	1995	1996	1997				"20VV"="2004".

No. Name Label Survey period Survey frequency West 09/1991 to 09/1995 annual survey, September bau\_lackwoper 3.79) number lack of work in % Wording of question Further information 09/1991 to 09/1995 Lack of work due to summer holidays Summer holidays This year in July and August the lack of work due to holidays was about \_ \_% of the working hours of all employees Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2012 2013 2014 2015 2016 2018 2019 2011 2017 2020 No. Label Name Survey period Survey frequency West 09/1991 to 09/1995 bau\_lackwo2 annual survey, September 3.80) lack of work (comparison) Wording of question Further information 09/1991 to 09/1995 Lack of work due to summer holidays compared to Summer holidays last year Compared to summer of last year the number of the lack of work in July and August 19WW\* has \* "20WW" means this year increased [1] Example: not changed [2] If the question was posed in September 1993, "19WW"="1993". decreased [3] Time span of variable 1992 1999 1993 1994 1995 1996 1997 1998 2000 1991 WEST 2002 2004 2008 2009 2010 2001 2003 2005 2006 2007 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 Label Survey period Survey frequency No. Name West 10/1991 - 10/2015 annual survey, October 3.81) bau\_prpa1 precast parts: utitization annual survey, October East 10/2001 - 10/2015 Wording of question Further information since 10/1991 Utilization of precast parts Utilization of precast parts in "conventional" construction (for main construction trades) For our "conventional" constructions we also use precast parts (flights of stairs, façade elements, prefabricated ceilings, light shafts for cellars, canlization and shaft construction elements\*, tübbings and so forth) \* Addition "canalization and shaft construction elements" since 10/1996 yes [1] no [2] Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000



No.	Name		Label				Survey per	iod		Survey frequency
.82)	bau_prpacvi	m	precast parts:				West 10/1	991 - 10/20	15	annual survey, October
			% of construct	tion volumen a	at the momen	t	East 10/20	01 - 10/201	.5	annual survey, October
<b>Nording</b>	of question									
										Further information
ince 10/19	91									
										Percentage of precast parts of the construction volume
	of precast parts in nventional" constr				of stairs faca	de elements ir	nrefahricated (	reilings		(for main construction trades)
	for cellars, canliza						or crabineated (	.cg3,		* Addition "canalization and shaft construction
yes:										elements" since 10/1996
recast part	ts currently accour	nt for about	[] of the total	construction	value	0/				
						%				
Time spa	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992	1995	1994	1995	1990	1997	1990	1999	2000	
VEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2005	2004	2005	2000	2007	2006	2009	2010	
WEST										
AST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	2012	2013	2014	2013	2010	2017	2010	2019	2020	
2011										
WEST										

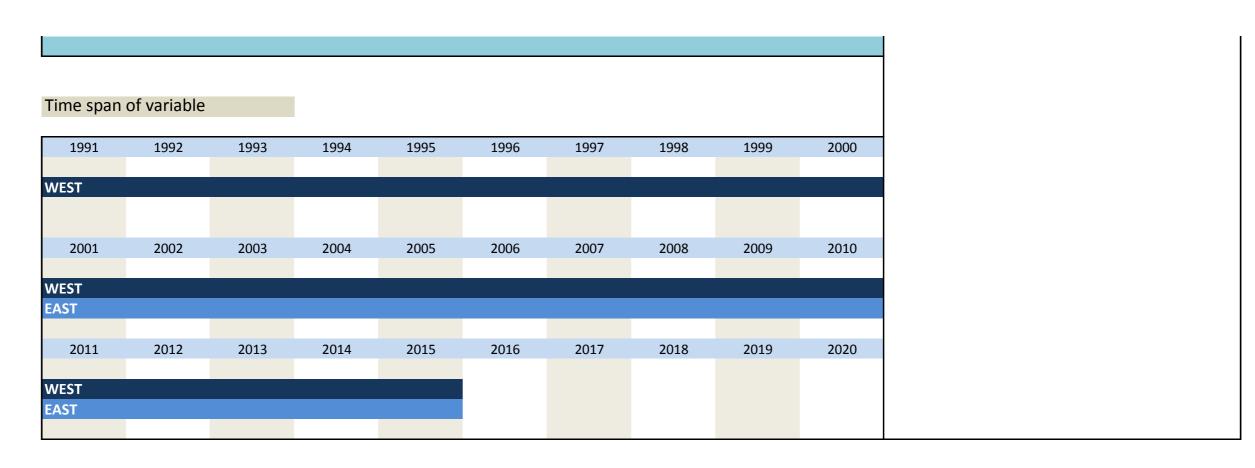
lo.	Name		Label				Survey per	100		Survey frequency
.83)	bau_prpacv	<b>′</b> Y	precast parts:				•	991 - 10/20		annual survey, October
Mandina a	£		% of construc	tion volumen v	whole year		East 10/20	01 - 10/201	5	annual survey, October
vording o	of question									
										Further information
ince 10/199	1									
	£	. !!								precast parts: % of construction volume last year
	f precast parts in ventional" const				of stairs faca	de elements	orefabricated o	reilings		(for main construction trades)
	or cellars, canliza						or crabilitated (	,		* Addition "canalization and shaft construction
yes:										elements" since 10/1996
he share of	precast parts to	the total con				%				
				annrovimately	.,		% in 19/20XX3	<b>*</b> *		* "20XX" means last year
				approximately	у		_/0 111 13/ 20///			
				арргохіпіатег	у		_/0 111 13/ 20///			Example:
				арргохипатег	у		_// 111 13/20///			Example:  If the question was posed in October 2003,
ime span	of variable			арргохипасег	y		_70 111 137 207 7			Example:
ime span	of variable			арргохипасег	y		_70 111 137 207 7			Example:  If the question was posed in October 2003,
ime span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	Example:  If the question was posed in October 2003,
1991		1993							2000	Example:  If the question was posed in October 2003,
		1993							2000	Example:  If the question was posed in October 2003,
1991		1993							2000	Example:  If the question was posed in October 2003,
1991		1993							2000	Example:  If the question was posed in October 2003,
1991 VEST 2001	1992		1994	1995	1996	1997	1998	1999		Example:  If the question was posed in October 2003,
1991 VEST 2001 VEST	1992		1994	1995	1996	1997	1998	1999		Example:  If the question was posed in October 2003,
1991 VEST 2001	1992		1994	1995	1996	1997	1998	1999		Example:  If the question was posed in October 2003,
1991 VEST 2001 VEST	1992 2002	2003	1994	1995 2005	1996 2006	1997	1998	1999	2010	Example:  If the question was posed in October 2003,
1991 VEST 2001 VEST	1992		1994	1995	1996	1997	1998	1999		Example:  If the question was posed in October 2003,
1991 VEST 2001 VEST	1992 2002	2003	1994	1995 2005	1996 2006	1997	1998	1999	2010	Example:  If the question was posed in October 2003,

No.	Name	Label	Survey period	Survey frequency
3.84)	bau ovtim	overtime	West since 10/1991	annual survey, October
	_		East since 10/2001	annual survey, October
				•

										Further information
/1991 to 10	0/2001									
vertime										Overtime (for main construction trades)
	under report	overtime was	worked in our o	company						(for main construction trades)
		yes [1]			no [2]					
ince 10/2002	2									
<b>)vertime</b> n September	r overtime wa	s worked in ou	r company							
		yes [1]			no [2]					
ime span	of variable									
4004	1002		1001	4005	1005	4007	4000	4000	2000	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	1992		1994	1995	1996	1997	1998	1999	2000	
	1992		1994	1995	1996	1997	1998	1999	2000	
VEST		1993								
	1992		2004	1995	1996 2006	1997 2007	1998	1999 2009	2000	
VEST 2001 VEST		1993								
VEST 2001 VEST		1993								
2001 VEST AST	2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	
VEST 2001 VEST		1993								
VEST  2001  VEST  2011  VEST	2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	
VEST 2001 VEST AST 2011	2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
3.85)	bau_ovtimp	oer	overtime in %					991 - 10/20		annual survey, October
Wording	of question						East 10/20	01 - 10/201	.5	annual survey, October
Wording	n question									
										Further information
10/1991 to 1	0/2001									Overtime in %
Overtime										(for main construction trades)
	under report of			company						
	ximately vorking hours w									
sin so 10/200	2									
since 10/200	2									
Overtime										
	r overtime was									
	ximately vorking hours w									
of the total v	vorking nours w	ere worked o	vertime							
										1
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										-
EAST										
			22::				20:5		0677	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
3.86)	bau_cfc1	construction in foreign countries	West 10/1991 - 10/2015 East 10/2001 - 10/2015	annual survey, October annual survey, October
Wordin	g of question			,
				Further information
_				
since 10/	1991			
since 10/				Construction in foreign countries
	1991 tion in foreign countries			Construction in foreign countries (for main construction trades)
Construct	tion in foreign countries	cts in foreign countries or are you involved in such?		-
Construct	tion in foreign countries			-



	Name		Label				Survey per	iod		Survey frequency
3.87)	bau_cfcgh		construction i		tries:			991 - 10/20		annual survey, October
Nording o	f question	ı	german head	quarter			East 10/20	01 - 10/201	.5	annual survey, October
wording o	question									
40/4004	4									Further information
since 10/1991	L									Construction in foreign countries by german headquarter
	in foreign cou									(for main construction trades)
	uct construction nducted by the			s or are you in	volved in such	1?				
i yes. is it co	naucteu by the	e german neac	aquarter:							
				yes [1]			]			
Time span	of variable									
			1004	1005	1006	1007	1000	1000	2000	
Time span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996 2006	1997	1998	1999	2000	
1991 WEST 2001	1992	1993								
1991 WEST 2001 WEST	1992	1993								
1991 WEST 2001	1992	1993								
1991 WEST 2001 WEST	1992	1993								
1991 WEST 2001 WEST EAST 2011	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001 WEST	1992 2002	1993 2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
3.88)	bau_cfcac		construction i		ntries:		West 10/1			annual survey, October
Mording	of augstion	l	associated co	mpany			East 10/20	01 - 10/201	.5	annual survey, October
wording	of question									
										Further information
since 10/199	91									
Construction	n in favoien cou	mtuina								Construction in foreign countries by associate
	<b>n in foreign cou</b> luct constructio		oreign countrie	s or are vou ir	nvolved in such	15				companies (for main construction trades)
	onducted by ass									(i.e. main construction diducts)
							,			
				yes [1]			_			
Time span	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

bau\_cfcsh West 10/1991 - 10/2015 annual survey, October 3.89) construction in foreign countries: East 10/2001 - 10/2015 annual survey, October shareholding Wording of question Further information since 10/1991 Construction in foreign countries by shareholding of Construction in foreign countries local associations Do you conduct construction projects in foreign countries or are you involved in such? (for main construction trades) If yes: Is it conducted by shareholding of local associations? yes [1] Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2001 2002 2004 2003 2005 2006 2007 2008 2009 2010 **WEST EAST** 2012 2013 2014 2018 2020 2011 2015 2016 2017 2019 **WEST EAST** No. Name Label Survey period Survey frequency bau\_salvol1 West 12/1996 to 12/2000 3.90) sales volume in %: road construction annual survey, December annual survey, December\*\*\*\* West and East since 06/2009 Wording of question Further information since 12/1996 sales volume in %: road construction Information for weighting purposes (for main construction trades) As foundation for the weighting of your information in 19/20YY\* we ask for information about how the revenue you made so far in 19WW\*\* is distributed among the following construction sectors (estimate is sufficient) \* "19YY" means next year Example: If the question was posed in December 1998, road construction "19YY"="1999". Time span of variable \*\* "19WW" means this year Example: 1991 1992 1993 1994 1995 1996 1998 1999 2000 1997 If the question was posed in December 1998, "19WW"="1998". WEST \*\*\* 12/1996 to 12/2000 record type 1 2002 2001 2003 2004 2005 2006 2007 2008 2009 2010 \*\*\*\*The data is inquired annually in December but WEST appears in the datasets monthly since 06/2009. **EAST** This data is taken from the previous December. 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST **EAST** No. Name Label Survey period Survey frequency West 12/1996 to 12/2000 3.91) bau\_salvol2 sales volume in %: other civil engineering annual survey, December annual survey, December\*\*\*\* West and East since 06/2009 Wording of question Further information since 12/1996 sales volume in %: other civil engineering Information for weighting purposes (for main construction trades) As foundation for the weighting of your information in 19/20YY\* we ask for information about how the revenue you made so far in 19WW\*\* is distributed among the following construction sectors (estimate is sufficient) \* "19YY" means next year Example: If the question was posed in December 1998, other civil engineering\_ "19YY"="1999". Time span of variable \*\* "19WW" means this year

1998

1999

1997

1992

1991

1993

1994

1995

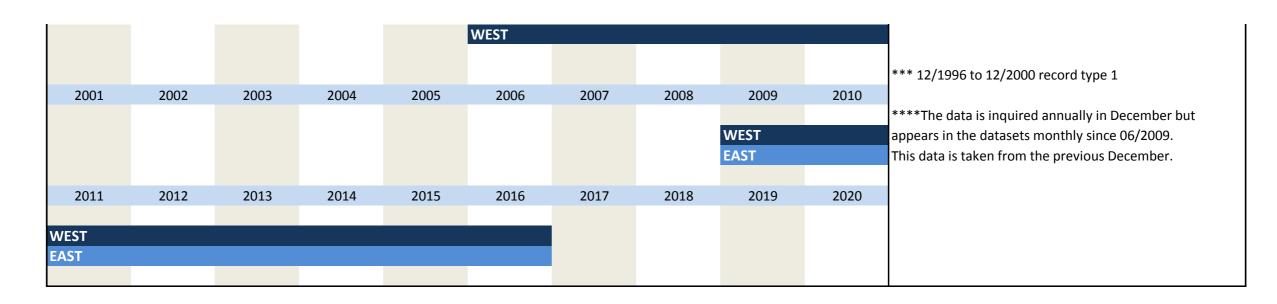
1996

Example:

"19WW"="1998".

If the question was posed in December 1998,

2000



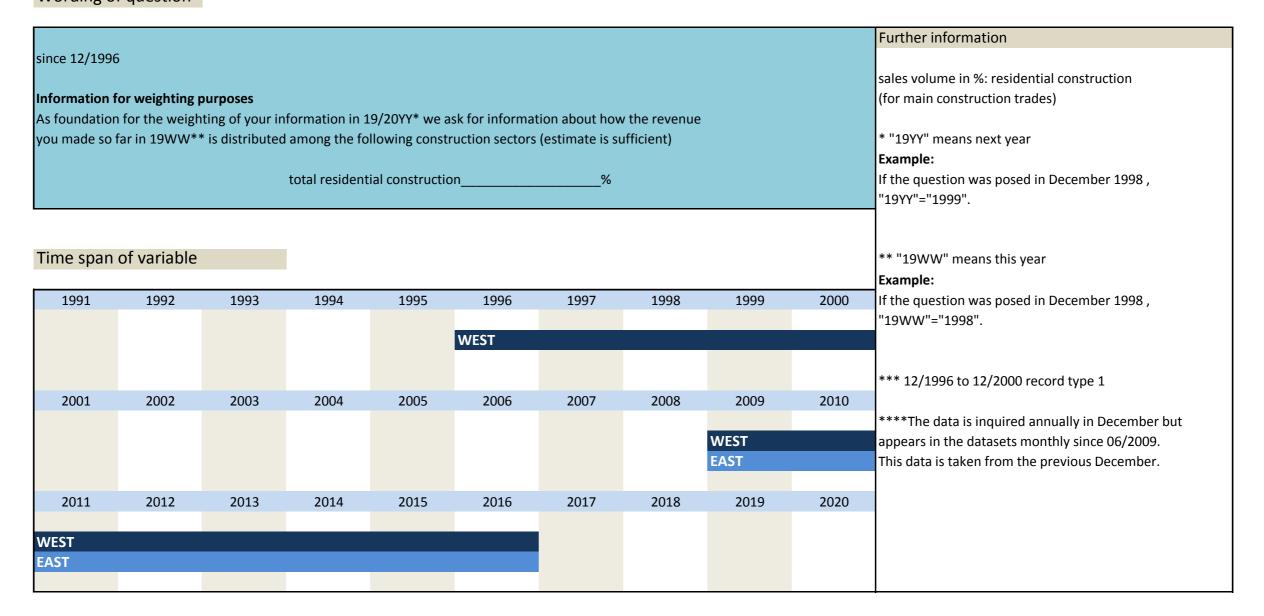
No.	Name	Label	Survey period	Survey frequency
3.92)	bau_salvol3	sales volume in %: public civil engineering	West 12/1996 to 12/2000	annual survey, December
			West and East since 06/2009	annual survey, December****

As foundation	or weighting p	ting of your in		lowing constr	sk for informat ruction sectors	(estimate is su				Further information  sales volume in %: public civil engineering (for main construction trades)  * "19YY" means next year  Example: If the question was posed in December 1998, "19YY"="1999".
Time span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	** "19WW" means this year  Example:  If the question was posed in December 1998,
					WEST					*** 12/1996 to 12/2000 record type 1
2001	2002	2003	2004	2005	2006	2007	2008	WEST EAST	2010	****The data is inquired annually in December but appears in the datasets monthly since 06/2009. This data is taken from the previous December.
2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	2020	

No.	Name	Label	Survey period	Survey frequency
3.93)	bau_salvol4	sales volume in %: industrial civil engineering	West 12/1996 to 12/2000	annual survey, December
			West and East since 06/2009	annual survey, December****

As foundation	f <b>or weighting p</b> n for the weigh far in 19WW**	ting of your in								Further information  sales volume in %: industrial civil engineering (for main construction trades)  * "19YY" means next year  Example:
			industrial civil	engineering_		%				If the question was posed in December 1998, "19YY"="1999".
Time span	of variable									** "19WW" means this year  Example:
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	If the question was posed in December 1998,
					WEST					"19WW"="1998".  *** 12/1996 to 12/2000 record type 1
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	*** 12/1996 to 12/2000 record type 1
								WEST EAST		****The data is inquired annually in December but appears in the datasets monthly since 06/2009.  This data is taken from the previous December.
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										

No.	Name	Label	Survey period	Survey frequency
3.94)	bau_salvol5	sales volume in %: domestic construction	West 12/1996 to 12/2000	annual survey, December
	<del>-</del>		West and East since 06/2009	annual survey, December****



INO.	Ivaille	Lanci	Survey period	Jul vey mequency
3.95)	bau salvol6	sales volume in %: buildings with 3 or more flats	West 12/1996 to 12/1999	annual survey, December
3.337	244_54.15.5	sales volume in 7st saliangs with 5 of more hats		amaa sartey, December

#### Wording of question

12/1996 to 12	2/1999									Further information sales volume in %: buildings with 3 or more flats
As foundation		ting of your in				tion about how				60 man 6 man
you made so	far in 19WW**	' is distributed	among the fo	llowing constr	uction sectors	(estimate is su	fficient)			* "19YY" means next year
										Example:
		residential co		_						If the question was posed in December 1998,
		thereof buildi	ngs with 3 or r	nore flats		%				"19YY"="1999".
										** "19WW" means this year
Time span	of variable									Example:
										If the question was posed in December 1998 ,
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	"19WW"="1998".
					WEST					
					WEST					
										*** 12/1996 to 12/2000 record type 1
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2011	2013	2010	2017	2010	2015	2020	

No.	Name	Label	Survey period	Survey frequency
3.96)	bau_salvol7	number of workers	West 12/1996 to 12/2000	annual survey, December

										Further information
12/1996 to 1	.2/2000									
E										number of workers
<b>Employees</b>	014 <i>1</i> 1444									
In year 19/20	OWW* the num	iber of our wo	rkers was on a	verage						* "10\\\\\" magns this year
										* "19WW" means this year
										Example:
Time snan	of variable		ı							If the question was posed in December 1998, "19WW"="1998".
Time spar	i di variabic									150000 - 1550 .
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
					WEST					
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

No. Name Label Survey period Survey frequency

3.97) bau\_salvol8 employees altogether West 12/1996 to 12/2000 annual survey, December

# Wording of question

.2/1996 to 12, Employees		age number of	f our employe	es altogether v	was					Further information  Employees all togehter
1 year 15/20 v	vvv the aver	age namber of	our employed	es artogether						* "19WW" means this year
										Example:  If the question was posed in December 1998,
Time span	of variable									"19WW"="1998".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
					WEST					
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

INO.	iname	Labei	Survey period	Survey frequency
3.98)	bau emp	employees	East 12/1995 to 04/2001	monthly
•	——————————————————————————————————————		•	•

## Wording of question

2/1995 to 04,	/2001									Further information
mployees										Employees in total
i year 19/20v	vw the aver	age number of	r our employe	es altogether v	vas					* "19WW" means this year
										Example:
ime span o	of variable									If the question was posed in December 1998, "19WW"="1998".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
				EAST						
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
AST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

No.	Name	Label	Survey period	Survey frequency
3.99)	bau inwo	industrial workers	East 01/2000 to 01/2001	annual survey, January
•	_			•

01/2000 to 01,	/2001									Further information industrial workers
<b>Employees</b> In year 20WW	* the number	of our industr	ial workers wa	as on average_						* "20WW" means this year
Time span	of variable									Example:  If the question was posed in December 2000 ,  "20WW"="2000".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
									EAST	

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
EAST									
EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

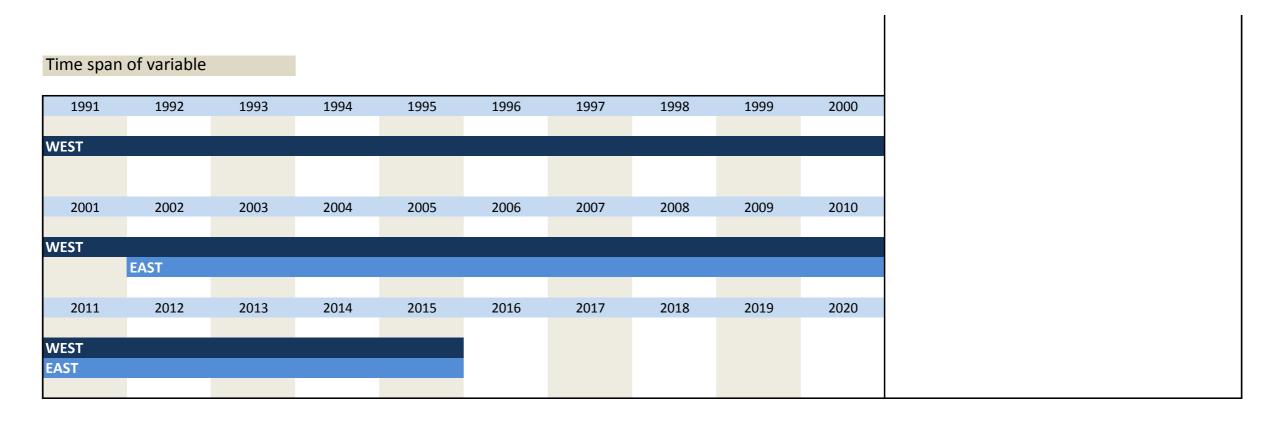
No.	Name	Label	Survey period	Survey frequency
3.100)	bau_numwor	number of workers	West since 12/2002	annual survey, December**
			East since 12/2002	annual survey, December**

ince 12/200	2									Further information
IIICE 12/200.	<b>Z</b>									number of workers
mployees	l									(for main construction trades)
ı year 20WV	V* the average	number of ou	r workers was			_				* "20WW" means this year
										Example:
ime span	of variable									If the question was posed in December 2003 , "20WW"="2003".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	> Only for the west the predecessor of the variable
										numwor was the variable 3.92) salvol7 (12/1996 to 12/2000).
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	WEST									****The data is inquired annually in December but appears in the datasets monthly since 06/2009.
	EAST									This data is taken from the previous December.
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
VECT.										
VEST AST										
A-0-1										

No. Name Label Survey period	Survey frequency
3.101) bau_empl employees altogether West since 12/2002 East since 12/2002	• •

since 12/200 Employees In year 20W	02 W* the average	e number of ou	ır employees a	altogether was			_			Further information  Employees altogether (for main construction trades)  * "20WW" means this year
										Example:
Time snan	of variable									If the question was posed in December 2003 ,
rime span	of variable									"20WW"="2003".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
										> Only for the west the predecessor of the variable empl was the variable 3.93) salvol8 (12/1996 to 12/2000).
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
										****The data is inquired annually in December but
	WEST									appears in the datasets monthly since 06/2009.
	EAST									This data is taken from the previous December.
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
3.102)	bau_phcaw	plant holidays: cessation of all work	West since 12/1991	annual survey*, December
<b>VA</b> / 1.			East since 12/2002	annual survey, December
Wordin	g of question			
				Further information
since 12/1	1991			
				plant holidays: cessation of all work
Plant holi	•			(for main construction trades)
During the	e summer months we ha	ve plant holidays with cessation of all work		
				*No inquiry in 12/2001
		yes [1] no [	2]	



	Name		Label				Survey per	iod		Survey frequency
.103)	bau_phcwb	r	plant holidays	::			West since			annual survey*, December
Mording	of augstion		cessation of w	ork of singula	r branches		East since	12/2002		annual survey, December
Wording	of question									
										Further information
ince 12/199	991									Plant holidays: cessation of work of singular branches
lant holida	ays									(for main construction trades)
Ouring the s	summer months v	we have plant	t holidays with	cessation of c	onstruction op	perations of sin	ngular branche	es		*no inquiru in 12/2001
			yes [1]			no [2]		l		*no inquiry in 12/2001
			,			- ( )		J		
ime snar	n of variable									
Time spar	n of variable									
Time spar	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
1991 VEST	1992									
1991		1993	1994 2004	1995	1996 2006	1997	1998	1999	2000	
1991 VEST	1992 2002									
1991 VEST 2001	1992									
1991 VEST 2001	1992 2002									
1991 WEST 2001 WEST 2011	1992 2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001	1992 2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	

3.104) Wording of	bau_phyn f question		plant holidays				West and E	ast since 1	2/2016	annual survey, December
since 12/1991  Plant holidays  During the sur	s		holidays		]	no [2]				Further information  Plant holidays
Time span	of variable	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	2020	

Survey period

Survey frequency

Name

No.

Label

No.	Name	Label	Survey period	Survey frequency
3.105)	bau_phm	plant holidays:	West since 12/1991	annual survey*, December

East since 12/2002

month (labels valid until 12/2000,

East since 12/2002   annual survey, December	No.	Name		Label				Survey peri	iod		Survey frequency
Wording of question    Since 12/1991	3.106)	bau_phdur	•	plant holidays	: duration in v	veeks					
Further information  Plant holidays  The duration of the plant holidays is:  1 weeks [2] 3 weeks [3] 4 weeks [4]  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST								East since 2	12/2002		annual survey, December
Plant holidays The duration of the plant holidays is:  1 week [1] 2 weeks [2] 3 weeks [3] 4 weeks [4]   Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	Wording of	of question									
Plant holidays The duration of the plant holidays is:  1 week [1] 2 weeks [2] 3 weeks [3] 4 weeks [4]   Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											e about formula.
Plant holidays The duration of the plant holidays is:  1 week [1] 2 weeks [2] 3 weeks [3] 4 weeks [4]   Time span of variable  1 991	since 12/100	11									Further information
Plant holidays The duration of the plant holidays is:  1 week [1] 2 weeks [2] 3 weeks [3] 4 weeks [4]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST  (for main construction trades) *no inquiry in 12/2001  *no inquiry in 12/	Since 12/199	,1									Plant holidays in weeks
The duration of the plant holidays is:  1 week [1] 2 weeks [2] 3 weeks [3] 4 weeks [4]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	Plant holiday	vs									
2 weeks [2] 3 weeks [3] 4 weeks [4]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST			olidays is:			1 week [1]					(
Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											*no inquiry in 12/2001
Time span of variable  1991						3 weeks [3]					
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020						4 weeks [4]					
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020											
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020											
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	Time snan	of variable									
WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	Time span	i di variabic									
WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											
WEST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	WEST										
WEST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											
WEST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											
EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST	WEST	FACT									
WEST		EAST									
WEST	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	2011	2012	2013	2017	2013	2010	2017	2010	2013	2020	
	WEST										
	EAST										

3.107)	bau_phdur	2	plant holidays	duration in v	veeks		West and E	ast since 1	2/2016	annual survey, December
Wording	of question									
since 12/199  Plant holida  The duration		lidays is:		3 weeks	1 week [1] 2 weeks [2] 3 and more [3]					Further information  Plant holidays in weeks
Time spar	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	

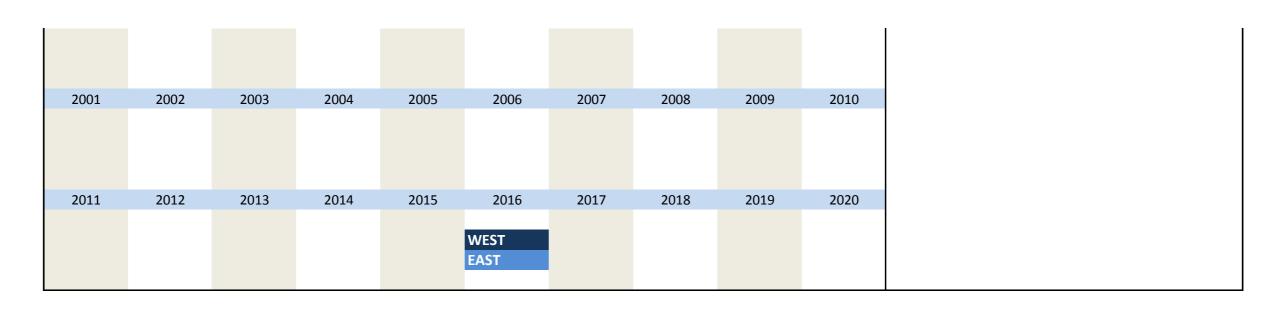
Survey period

No.

Name

Label

Survey frequency



No.	Name		Label				Survey per	iod		Survey frequency
3.108)	bau_phintr		year of introd	uction of plant	t holidays		West 12/2			annual survey, December
Wording	of question						East 12/20	02 to 12/20	08	annual survey, December
	q									
since 12/200	กว									Further information
Since 12/200	02									year of introduction of plant holidays
Plant holida										(for main construction trades)
The plant ho	olidays were intr	oduced in yea	ar							year, 4 digits
										1
Time snar	n of variable									*no inquiry in 12/2001
	TOT VARIABLE									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2003	2004	2003	2000	2007	2000	2003	2010	
	WEST									
	EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

Label

No.

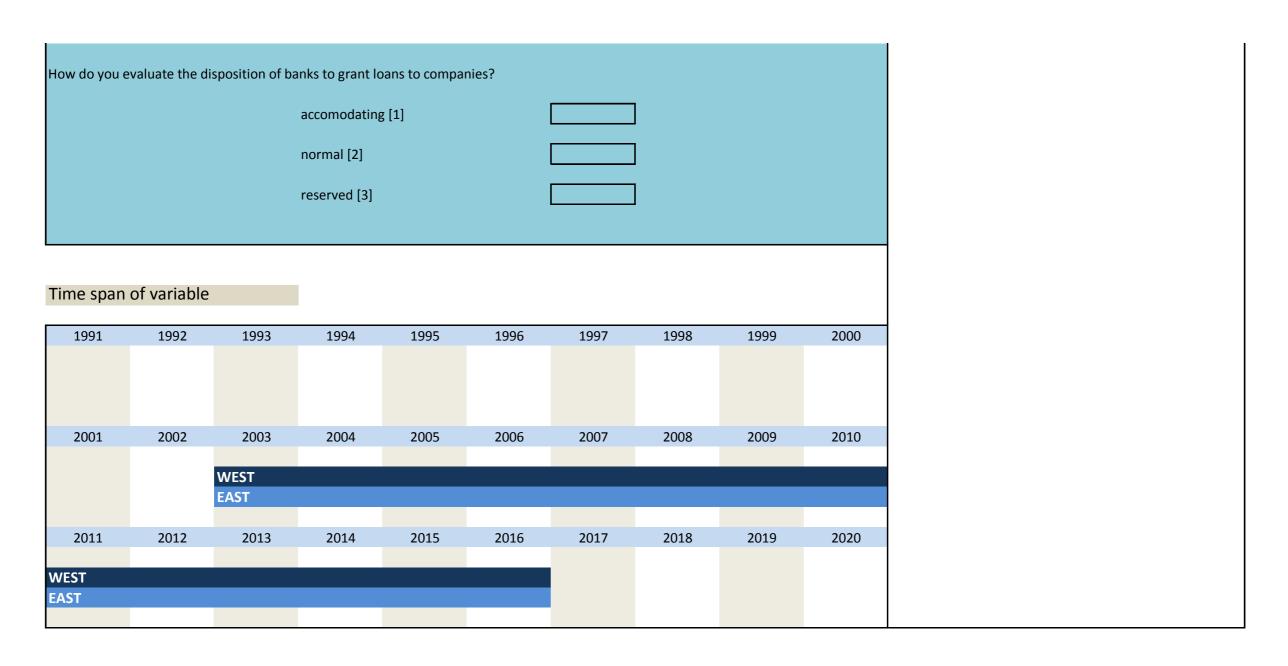
Name

3.109)	bau_decco	n	decline of con	struction activ	vity		West since			annual survey*, December
Wording o	of question						East since 1	12/2002		annual survey, December
since 12/199	91									Further information
Plant holida										decline of construction activity due to plant holidays
We report a	decline of the co		tivity in the res	pective holid	ay month in th	e ifo economi	ic cycle test (qu	estion I.1)**		*no inquiry in 12/2001
		yes [1]			no [2]		]			** see 2.1) conactex
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST	EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

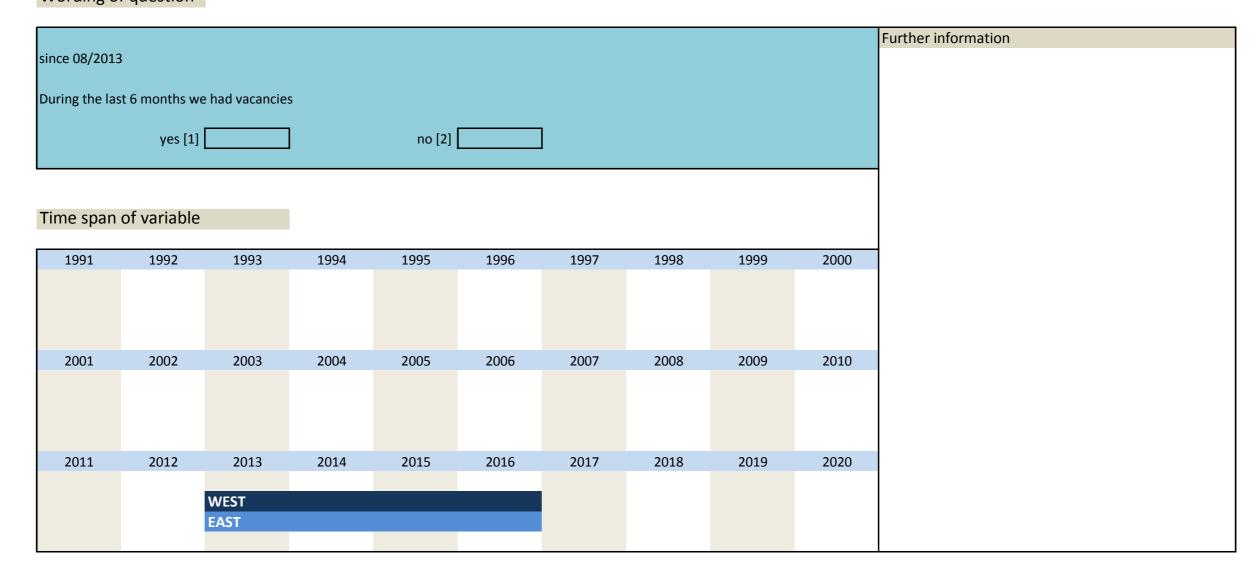
Survey period

Survey frequency

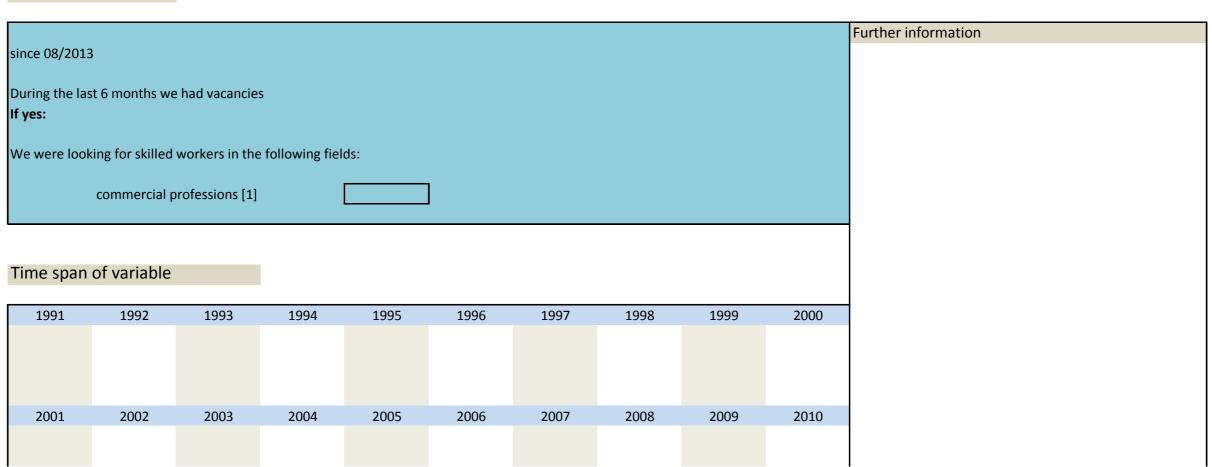
No.	Name	Label	Survey period	Survey frequency
3.110) Wording	bau_credit g of question	credit allocation	East and West 08/2003 to 08/2004 East and West 03/2005 to 08/2008 East and West since 11/2008	annual survey, August March , August monthly
since 08/20	003			edit allocation

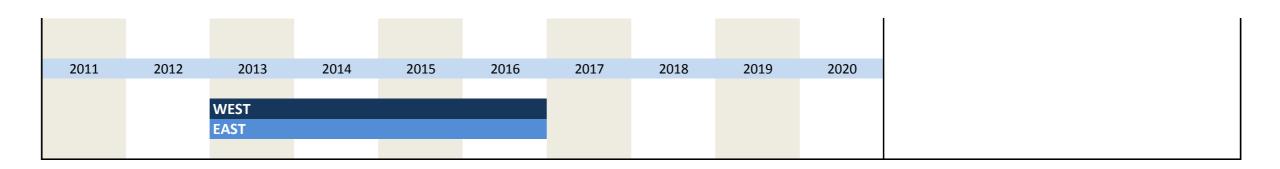


No.	Name	Label	Survey period	Survey frequency	
3 111\	hau vaclhy	vacancies during last 6 months	Fast und West since 08/2013	annual survey August	

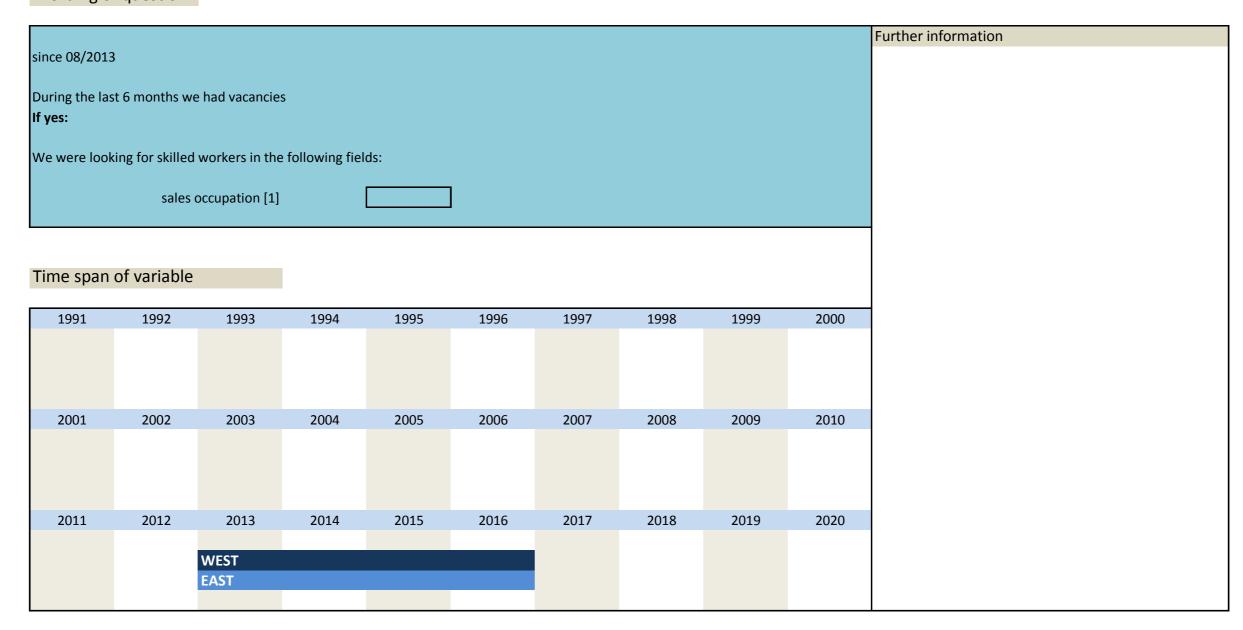


No.	Name	Label	Survey period	Survey frequency	
3.112)	bau_vaclhy_cp	vacancies during last 6 months:	East und West since 08/2013	annual survey, August	
		commercial professions			



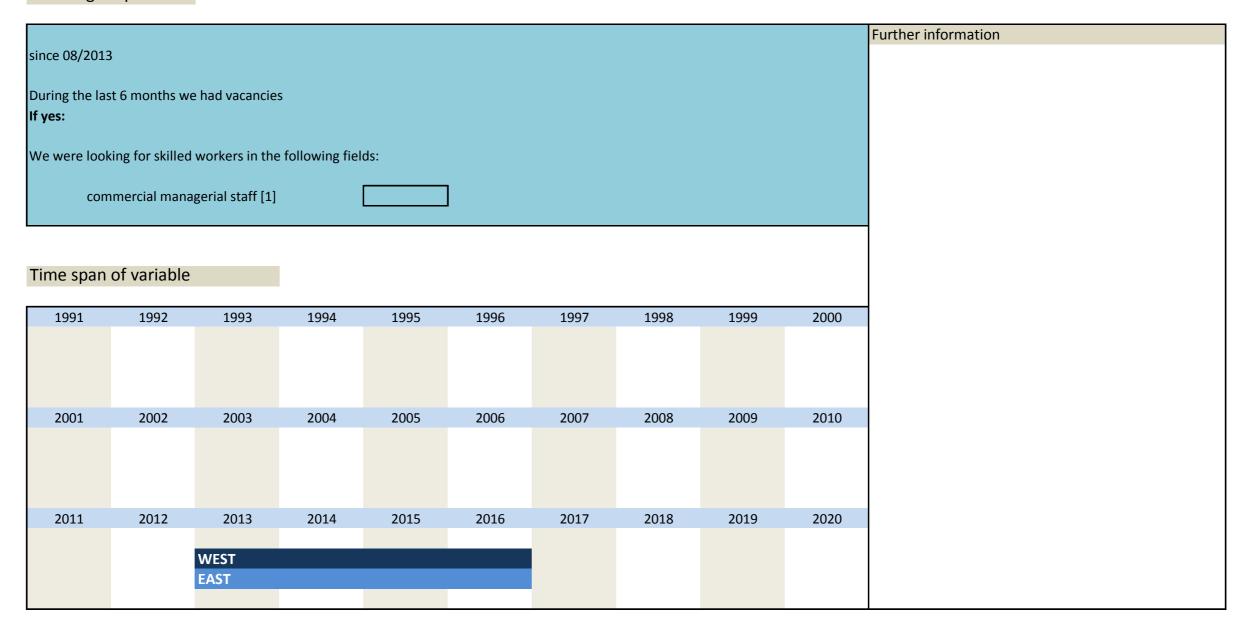


No.	Name	Label	Survey period	Survey frequency
3.113)	bau vaclhy so	vacancies during last 6 months: sales occupation	East und West since 08/2013	annual survey, August



No.	Name	Label	Survey period	Survey frequency
3.114)	bau_vaclhy_mc	vacancies during last 6 months: managerial staff	East und West since 08/2013	annual survey, August
		(commerce)		

# Wording of question

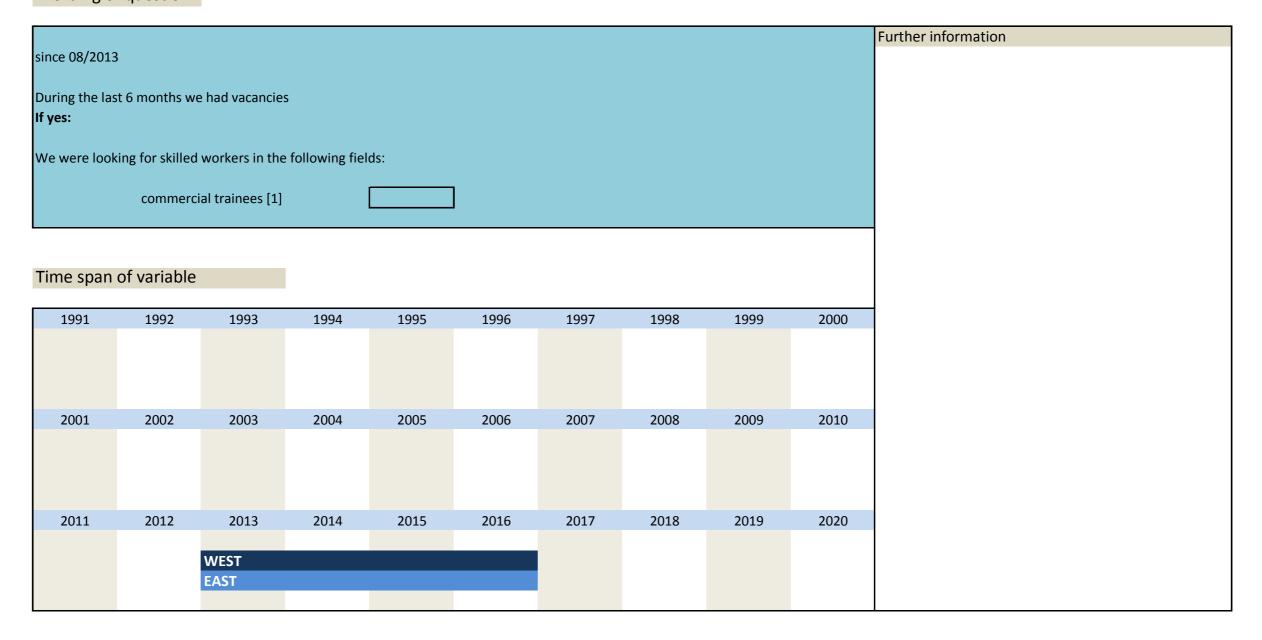


No.	Name	Label	Survey period	Survey frequency
3.115)	bau_vaclhy_ce	vacancies during last 6 months: construction engineer	Fast und West since 08/2013	annual survey, August
3.113)	bau_vaciny_ce	vacancies during last o months. construction engineer	Last und West since 00/2013	ailliuai sui vey, August

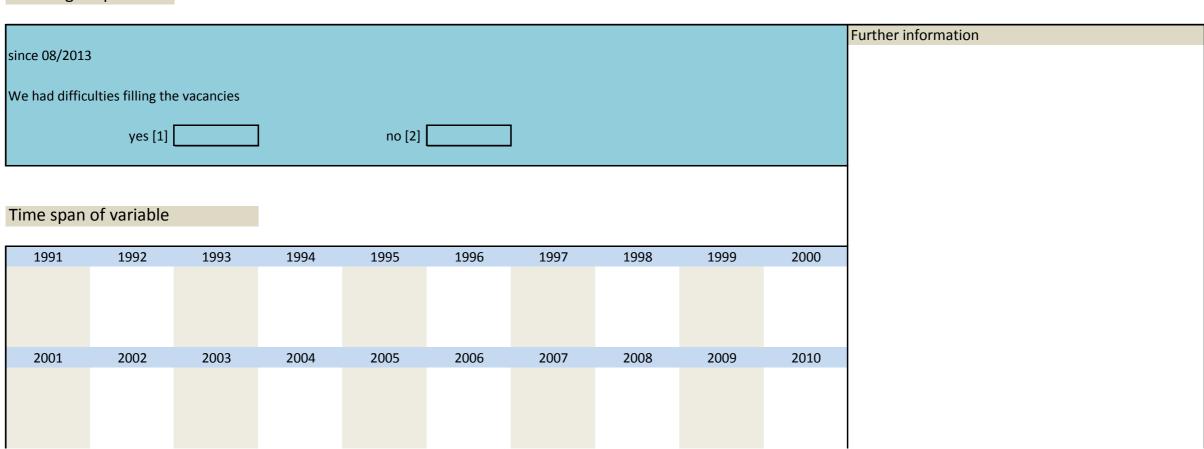
	Further information
since 08/2013	

If yes:	During the last 6 months we had vacancies  If yes:  We were looking for skilled workers in the following fields:										
		on engineer [1]									
Time span	of variable										
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
		WEST EAST	_	_	_						

N	No.	Name	Label	Survey period	Survey frequency
3	3.116)	bau_vaclhy_tc	vacancies during last 6 months: trainees (commerce)	East und West since 08/2013	annual survey, August

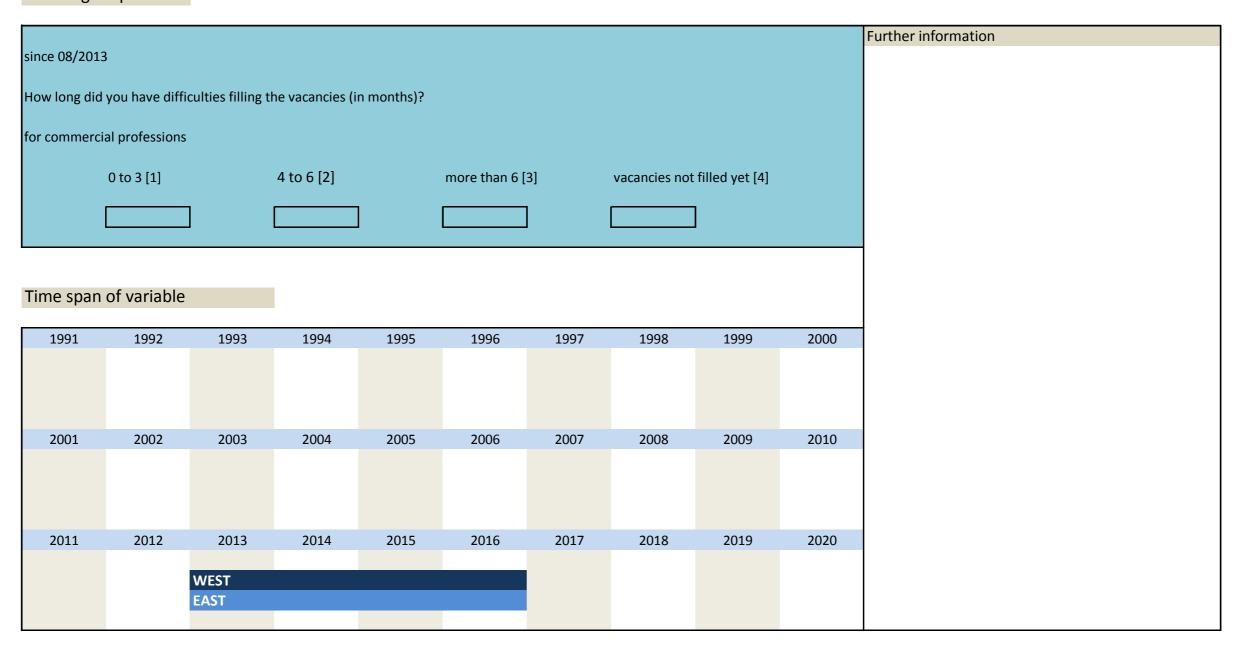


No.	Name	Label	Survey period	Survey frequency	
3.117)	bau difilvac	difficulties filling vacancies	East und West since 08/2013	annual survey, August	



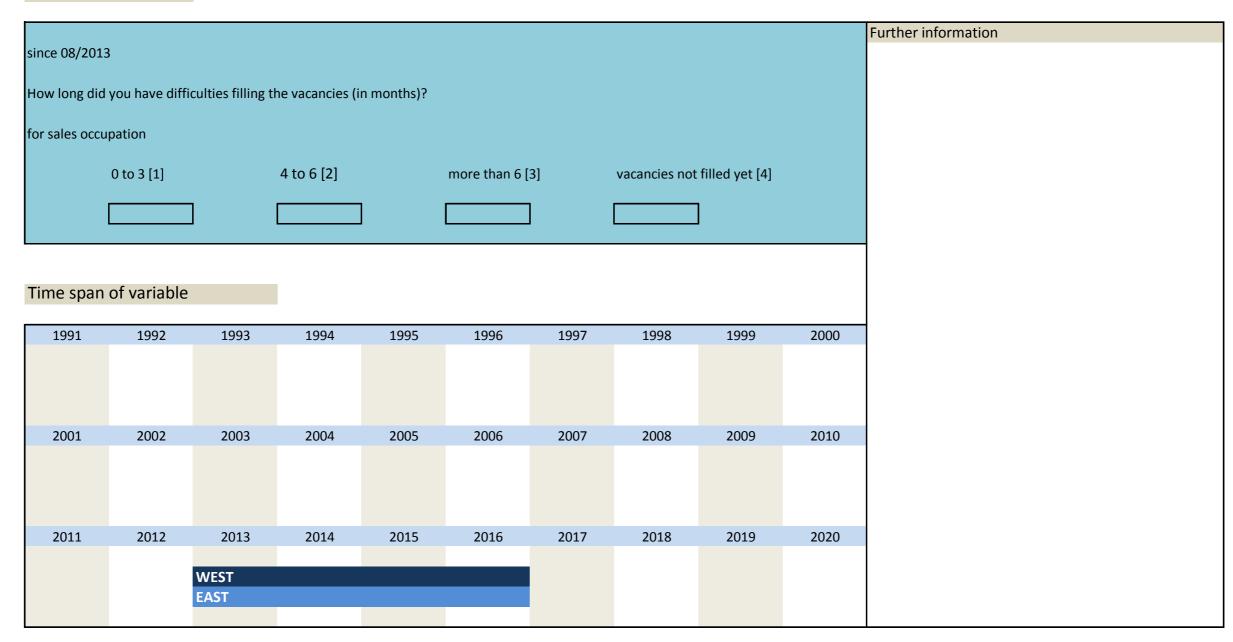


No.	Name	Label	Survey period	Survey frequency
3 118\	bau difil co	difficulties filling vacancies: commercial professions	Fast und West since 08/2013	annual survey August



No.	Name	Label	Survey period	Survey frequency
3.119)	bau_difil_so	difficulties filling vacancies: sales occupation	East und West since 08/2013	annual survey, August

## Wording of question



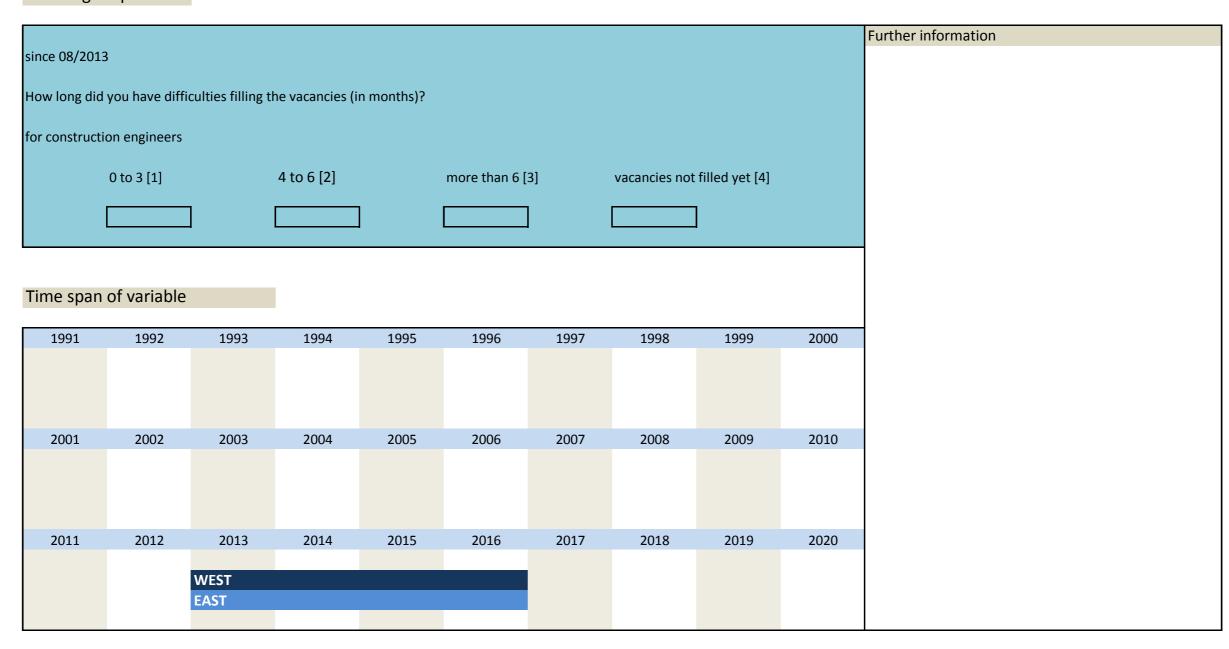
No.	Name	Label	Survey period	Survey frequency
3.120)	bau_difil_mc	difficulties filling vacancies: managerial staff (commer	ce East und West since 08/2013	annual survey, August

F. Control of the Con	Further information
since 08/2013	

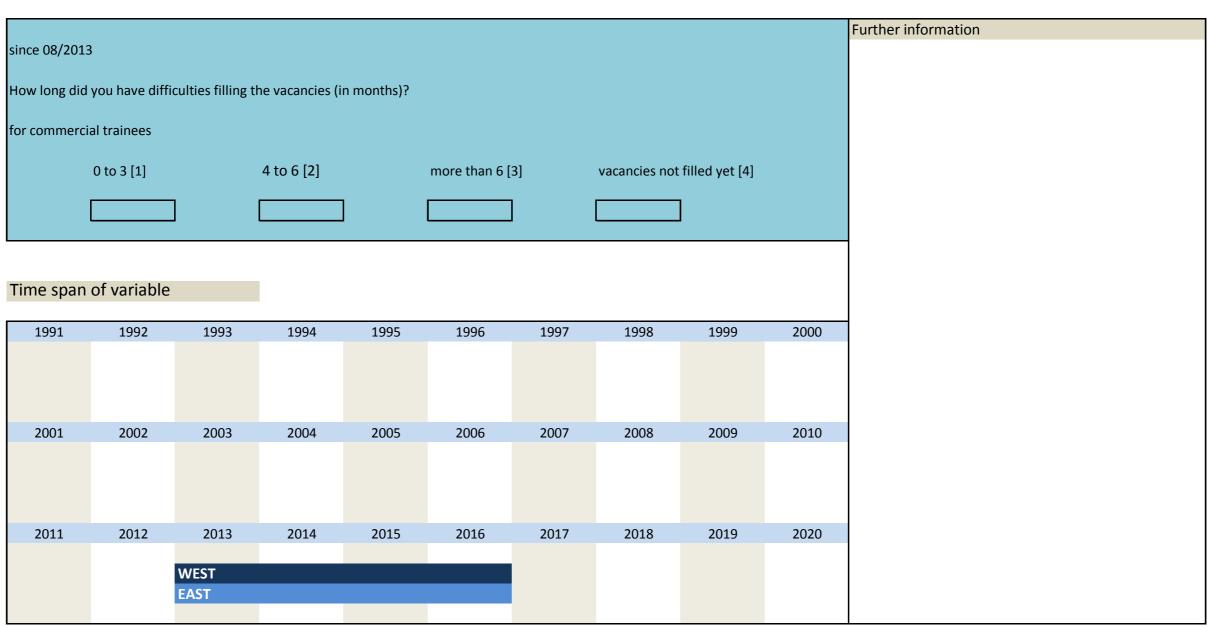
How long did you have difficulties filling the vacancies (in months)?											
for commercia	for commercial managerial staff										
	0 to 3 [1]		4 to 6 [2]		more than 6 [	[3]	vacancies not	t filled yet [4]			
						]		]			
Time span	of variable		1								
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		

2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		WEST							
		EAST							

No. Name	Label	Survey period	Survey frequency
3.121) bau difil	CE difficulties filling vacancies: cons	struction engineer East und West since 08/2013	annual survey. August



No.	Name	Label	Survey period	Survey frequency
3.122)	bau_difil_tc	difficulties filling vacancies: trainees (commerce)	East und West since 08/2013	annual survey, August



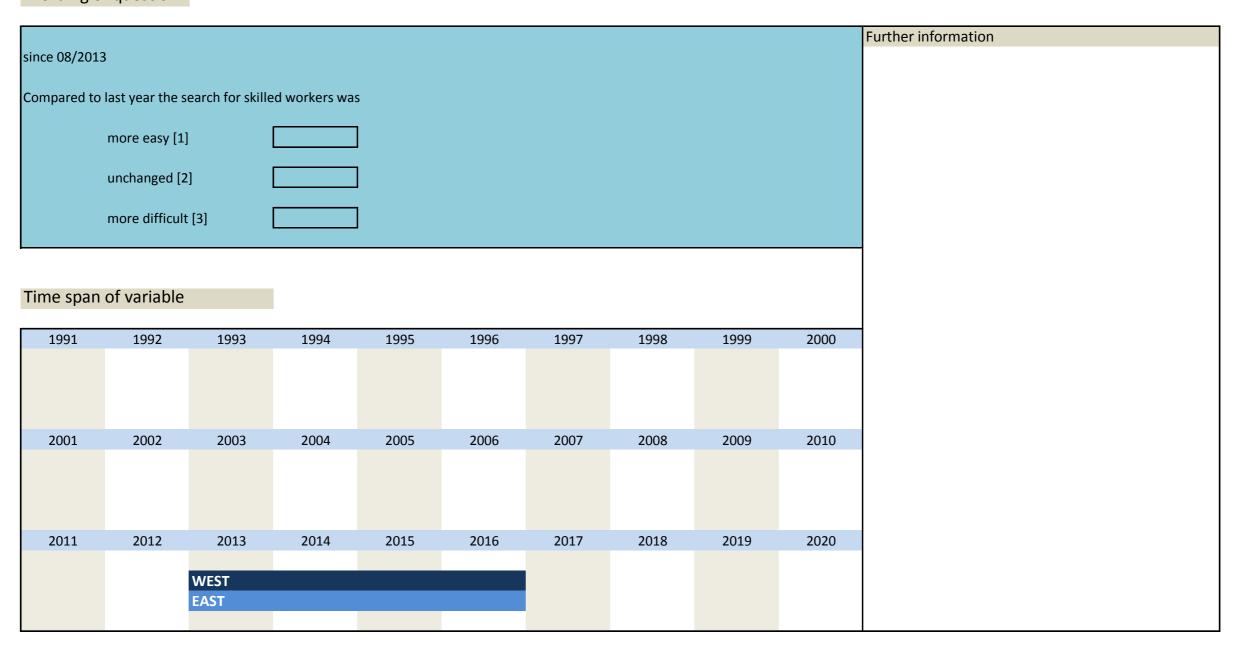
No.	Name	Label	Survey period	Survey frequency
3.123)	bau_vacrepfea	% of vacancies reported to federal employment agency	East und West since 08/2013	annual survey, August

### Wording of question

										Further information
since 08/2013	3									
About	% c	of these vacand								
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WECT			_					
		WEST EAST								

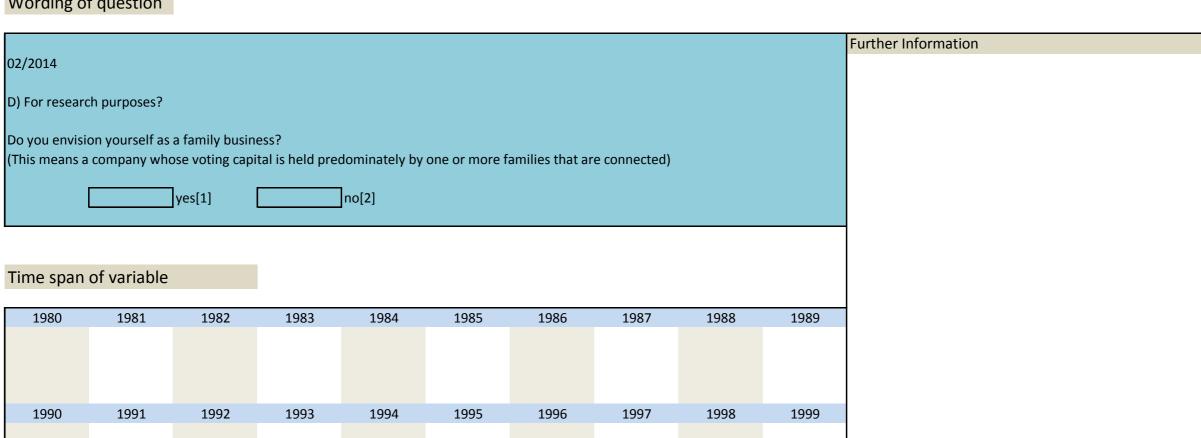
No.	Name	Label	Survey period	Survey frequency
	1		5	
3.124)	bau_seskivly	search for skilled workers vs. last year	East und West since 08/2013	annual survey, August

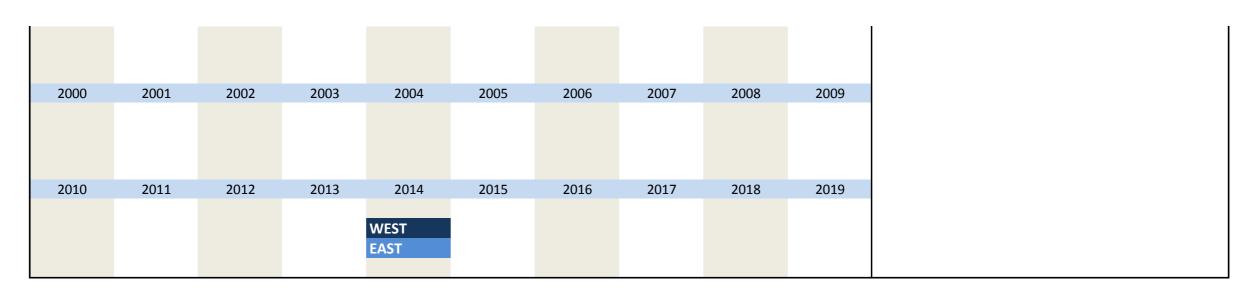
#### Wording of question



No.	Name	Label	Survey period	Survey frequency
3.125)	bau_fambus	family business	East and West 02/2014	once

# Wording of question





No.	Name		Label				Survey per	iod		Survey frequency
3.126)	bau_ref1		refugees ques	tion 1			East and W	/est 10/201	once	
Wording of	f question									
			Further Information							
10/2015										
1. How large o	do you assess t	he potential o								
			[1] small		[2] large					
	trainees									
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					

3.127)	bau_ref2		refugees ques	tion 2			East and W	est 10/201	15	once
Wording o	f question									
										Further Information
10/2015										
1. How large	do you assess t	he potential o	of asylum seeke	rs to be emp	loyed in the foll	owing position	ons?			
			[1] small		[2] large					
	unskilled aid v	workers								
Timo snan	of variable									
	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000	4004	4002	4003	4004	1005	4005	4007	1000	4000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2003	2000	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2010	2011	2012	2015	2017		2010	2017	2010	2019	
					WEST EAST					

Survey period

Label

No.

Name

Survey frequency

No.	Name		Label				Survey per	riod		Survey frequency
3.128)	bau_ref3		refugees que	stion 3			East and V	Vest 10/20:	15	once
Wording o	of question									
10/2015										Further Information
	a da vou accoss t	ho notontial	of aculum cook	ars to be om	nloved in the fol	llowing positi	one?			
i. How large	e do you assess t	ne potentiai		ers to be em	ployed in the fol	nowing position	onsr			
			[1] small	1	[2] large	1				
	skilled worker	·S								
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	2012	2014	2015	2016	2017	2019	2019	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST EAST					
No.	Name		Label				Survey per	riod		Survey frequency
				aki an A		-				
3.129)	bau_ref4		Label refugees que	stion 4				riod Vest 10/20	15	Survey frequency once
3.129)				stion 4					15	
3.129) Wording (	bau_ref4			stion 4					15	
3.129) Wording o	bau_ref4 of question	he potential	refugees que		ployed in the fol	llowing positi	East and V		15	once
3.129) Wording o	bau_ref4 of question	he potential	refugees que		ployed in the fol	llowing position	East and V		15	once
3.129) Wording o	bau_ref4 of question e do you assess t		refugees que		ployed in the fol [2] large	llowing positio	East and V		15	once
3.129) Wording o	bau_ref4 of question		refugees que			lowing position	East and V		15	once
3.129) Wording o 10/2015 1. How large	bau_ref4 of question e do you assess t		refugees que			llowing position	East and V		15	once
3.129) Wording of 10/2015  1. How large	bau_ref4 of question e do you assess to leading position	ons	of asylum seek	ers to be em	[2] large		East and V	Vest 10/20:		once
3.129) Wording o 10/2015 1. How large	bau_ref4 of question e do you assess t		refugees que			llowing position	East and V		1989	once
3.129) Wording of 10/2015  1. How large	bau_ref4 of question e do you assess to leading position	ons	of asylum seek	ers to be em	[2] large		East and V	Vest 10/20:		once
3.129) Wording of 10/2015  1. How large	bau_ref4 of question e do you assess to leading position	ons	of asylum seek	ers to be em	[2] large		East and V	Vest 10/20:		once
Wording of 10/2015  1. How large Time span 1980	bau_ref4 of question e do you assess to leading position of variable 1981	ons 1982	of asylum seek [1] small	ers to be em	[2] large	1986	East and V	Vest 10/20:	1989	once
Wording of 10/2015  1. How large Time span 1980	bau_ref4 of question e do you assess to leading position of variable 1981	ons 1982	of asylum seek [1] small	ers to be em	[2] large	1986	East and V	Vest 10/20:	1989	once
Wording of 10/2015  1. How large Time span 1980	bau_ref4 of question e do you assess to leading position of variable 1981	ons 1982	of asylum seek [1] small	ers to be em	[2] large	1986	East and V	Vest 10/20:	1989	once
3.129) Wording of 10/2015 1. How large 1980 1990	bau_ref4 of question e do you assess to leading position 1981 1991	1982 1992	of asylum seek [1] small  1983	ers to be em	[2] large	1986	1987 1997	1988 1998	1989	once
3.129) Wording of 10/2015 1. How large 1980 1990 2000	bau_ref4 of question e do you assess to leading position 1981 1991 2001	1982 1992 2002	of asylum seek [1] small  1983  1993	ers to be em  1984  1994  2004	[2] large  1985  1995  2005	1986 1996 2006	1987 1997 2007	1988 1998 2008	1989	once
3.129) Wording of 10/2015 1. How large 1980 1990	bau_ref4 of question e do you assess to leading position 1981 1991	1982 1992	of asylum seek [1] small  1983	ers to be em	[2] large	1986	1987 1997	1988 1998	1989	once

No.	Name	Label	Survey period	Survey frequency
3.130)	bau_ref5	refugees question 5	East and West 10/2015	once
Wording	g of question			

10/2015

1. How large do you assess the potential of asylum seekers to be employed in the following positions?

[1] small

[2] large

		other position	ns							
Tiı	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
	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				Survey peri	od		Survey frequency
3.131)	bau_ref6		refugees ques	stion 6			East and W	est 10/20	15	once
Wordin	ng of question									
10/2015										Further Information
2. how m	uch of an obstacle	e to employing	asylum seeker	s do you cons	ider the follow	ing factors to	be in your bran	ch:		
			[1] little		[2] much					
	labor law-rel	ated provisions	5							
Time 2 20			ı							
	oan of variable		1002	1004	1005	1986	1987	1988	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					

3.132)	bau_ref7		refugees ques	tion 7			East and W	est 10/202	15	once
Wording o	of question									
40/2045		Further Information								
10/2015										
2. how much	of an obstacle									
				[1] little		[2] much				
	unfit level of o	qualification	į				]			
							•			
Time spar	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1002	1993	1004	1005	1996	1007	1998	1999	
1990	1991	1992	1993	1994	1995	1990	1997	1998	1999	
										I

Survey period

Survey frequency

Label

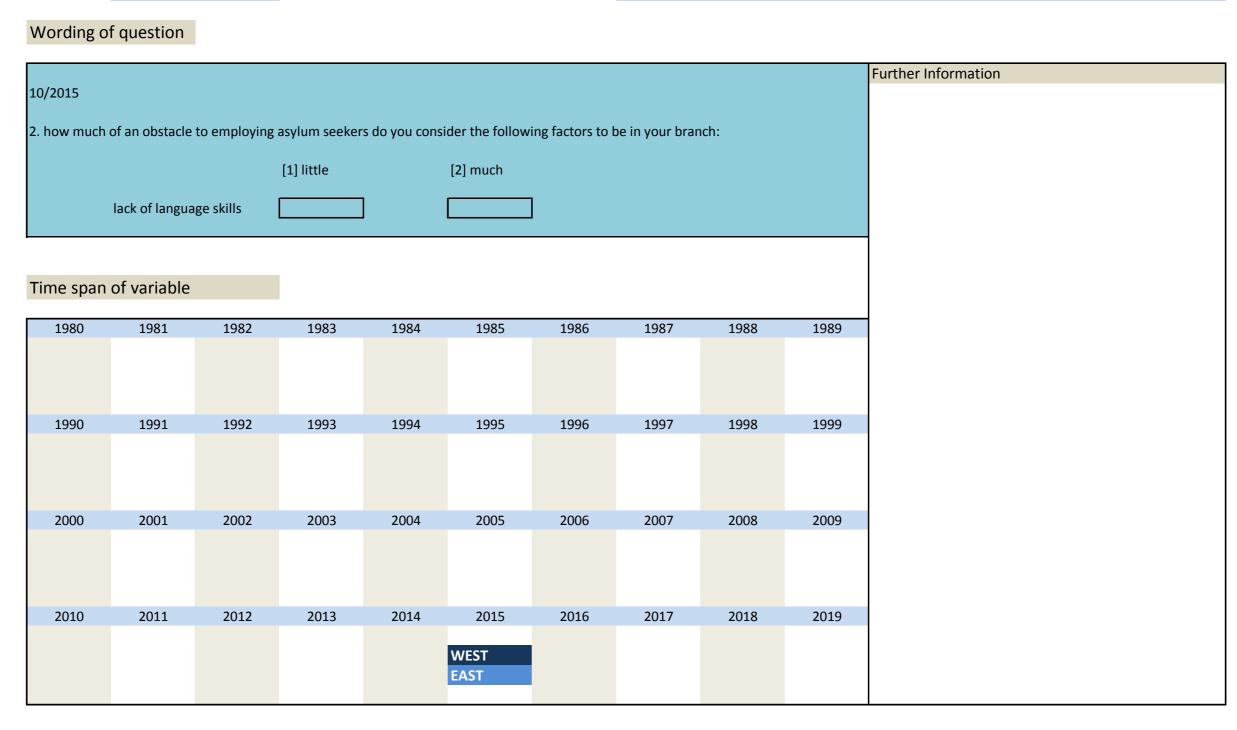
No.

Name

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				

No.	Name		Label				Survey period			Survey frequency
3.133)	bau_ref8		refugees ques	tion 8			East and W	est 10/201/	5	once
Wording o	fauestion									
vvoruing o	i question									
10/2015										Further Information
2. how much	of an obstacle t	o employing	asylum seekers	do you cons	ider the followi	ng factors to	be in your brar	ich:		
			[1] little		[2] much					
	minimum wag	e								
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
					WEST					
					EAST					

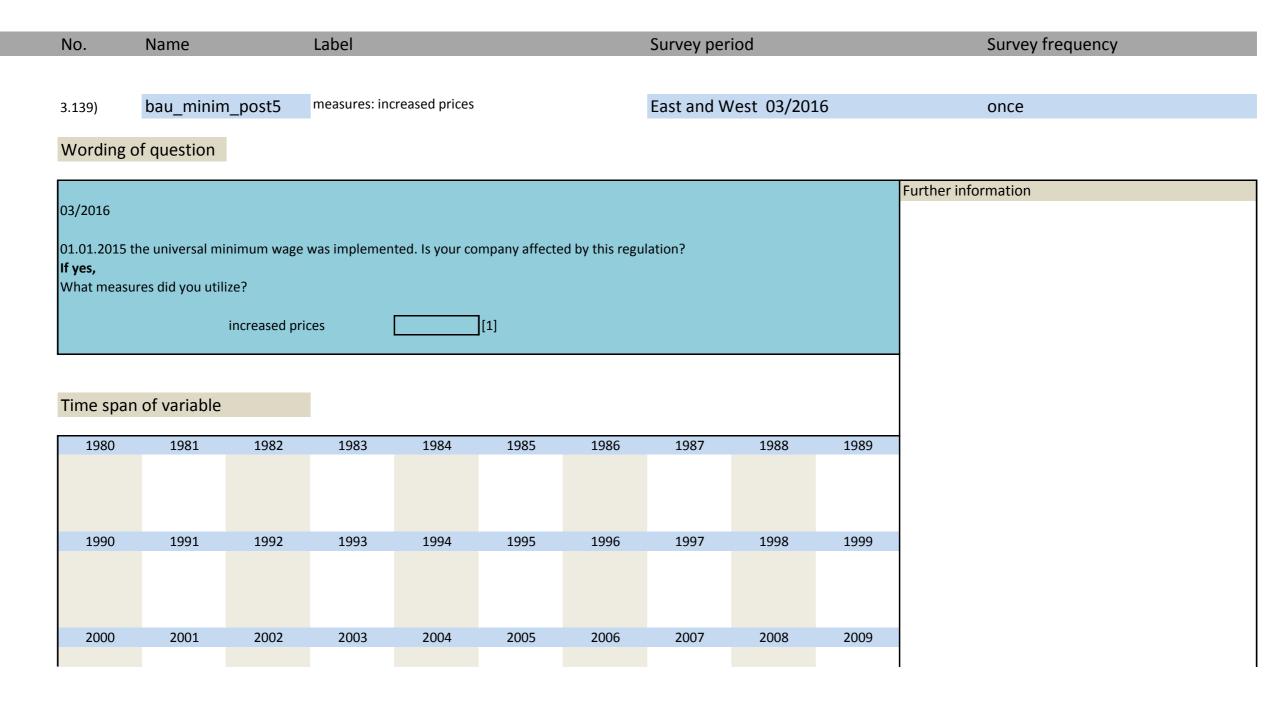
No.	Name	Label	Survey period	Survey frequency	
2.424	have rafo	refugees question 9	Fact and Mast 10/2015	0.000	
3.134	bau_ref9	refugees question 3	East and West 10/2015	once	

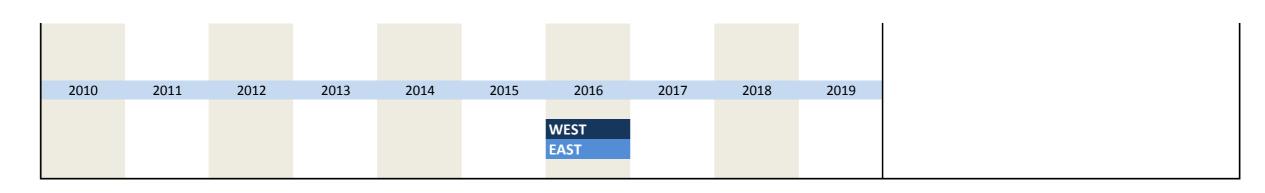


East and West 03/2016 bau\_minim\_post1 affected by minimum wage 3.135) once Wording of question Further information 03/2016 01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation? [2] no [1] yes Time span of variable WEST EAST No. Name Label Survey period Survey frequency East and West 03/2016 bau\_minim\_post2 no minimum wage measures once 3.136) Wording of question Further information 03/2016 01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation? What measures did you utilize? Time span of variable WEST EAST Survey period Survey frequency Label No. Name bau\_minim\_post3 measures: employee reduction East and West 03/2016 3.137) once Wording of question Further information 03/2016 01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation? What measures did you utilize? [1] employee reduction

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			

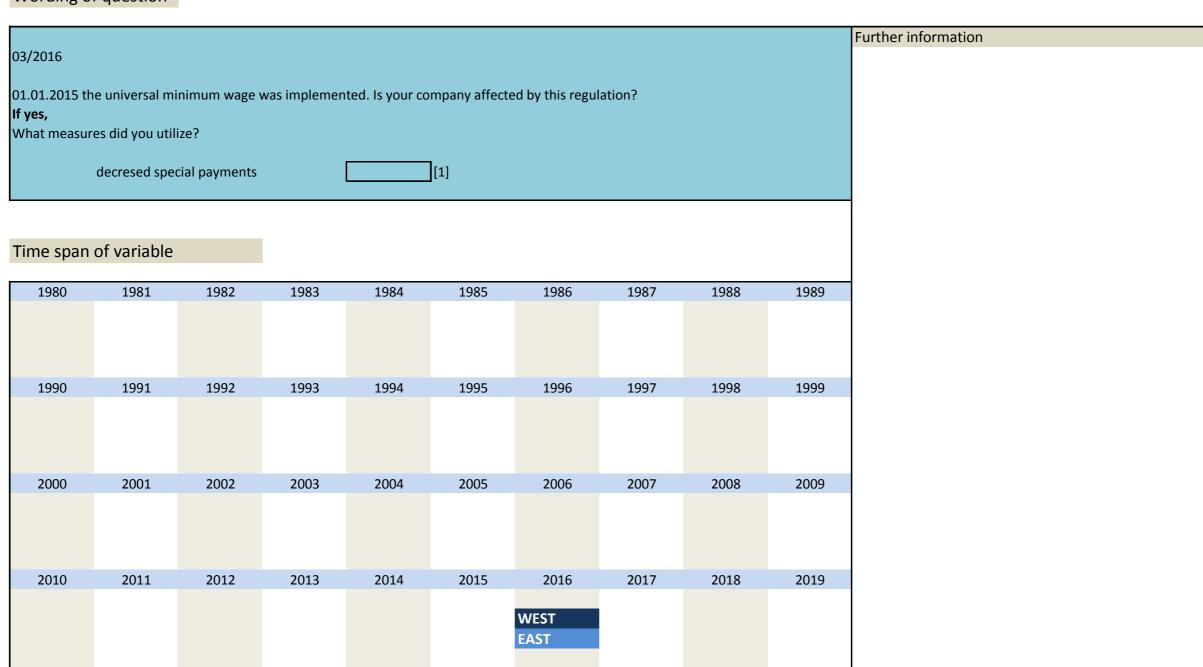
No.	Name		Label				Survey per	iod		Survey frequency
3.138)	bau_mini	im_post4	measures: wo	orking hour red	duction		East and W	/est 03/201	.6	once
Wordi	ng of question	1								
										Further information
03/2016	i									ruttiei iiioiiiatioii
01.01.20	)15 the universal r	minimum wage	was implemen	ted. Is your co	mpany affect	ted by this regul	lation?			
If yes,	easures did you u					,				
vviiat iii	easures did you d									
		working hour	reduction		[1]					
Time s	pan of variable	e								
198	0 1981	1982	1983	1984	1985	1986	1987	1988	1989	
150	1301	1302	1303	1304	1303	1300	1307	1300	1303	
199	0 1991	1992	1993	1994	1995	1996	1997	1998	1999	
133	0 1331	1332	1333	1334	1993	1330	1337	1338	1333	
200	0 2001	2002	2003	2004	2005	2006	2007	2008	2009	
200	2001	2002	2003	2004	2003	2000	2007	2000	2003	
201	0 2011	2012	2013	2014	2015	2016	2017	2018	2019	
201	2011	2012	2013	2014	2015		2017	2018	2019	
						WEST EAST				
						E/NOT				





No.	Name		Label				Survey per	iod		Survey frequency
3.140)	bau_minim	_post6	measures: ded	creased invest	ment		East and W	/est 03/201	.6	once
Wording	of question									
										Further information
03/2016										
	the universal mi	nimum wage	was implement	ted. Is your co	mpany affect	ed by this regul	lation?			
<b>If yes,</b> What measi	ures did you utili	7 <b>6</b> ?								
villacilleasi										
		decreased in	vestment		[1]					
Time chai	n of variable									
Tille Spai	II OI Valiable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2003	2000	2007	2008	2003	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						EAST				

No.	Name	Label	Survey period	Survey frequency
3.141)	bau_minim_post7	measures: decreased special payments	East and West 03/2016	once
Wording o	f question			
				Further information



No.	Name	Label	Survey period	Survey frequency
3.142	bau_minim_post8	less minijobs	East and West 03/2016	once

## Wording of question

No.

Name

Label

03/2016									
04 04 0045									
01.01.2015	the universal mi	nimum wage v	was impiemen	tea. Is your co	трапу аттест	ed by this regui	ation?		
Has there t	een a change in	employment i	n your compar	ny?					
					less				
	less minijobs				[1]				
Time spa	n of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						MECT			
						WEST EAST			
						EAST			

Survey period

Survey frequency

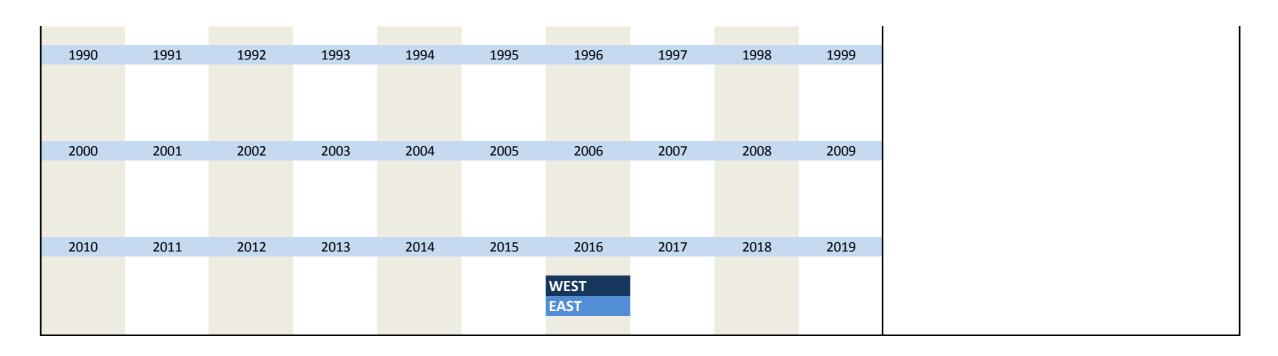
4.40\	harr mainin		minijobs trans	formed into i	acurable emp	lovment	Foot and M	look 02/204	C	
143)	bau_minim	i_post9	minijous trans	sioimed iiito ii	isurable emp	ioyinent	East and W	/est 03/201	.0	once
ording o	f question									
										Further information
3/2016										Further information
1 01 2015 th	na universal mi	nimum waga i	was implemen	ted Is your co	mnany affect	ed by this regu	ulation?			
					ilipally affect	eu by tills regu	nation:			
as there bee	en a change in	employment i	n your compar	ıy?						
	minijobs were	transformed	into							
	insurable em			[1]						
ime span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2012	2014	2015	2016	2017	2019	2010	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						EAST				

No.	Name	Label		Survey period	Survey frequency	
3.144)	bau_minim_post10	new insurable employment		East and West 03/2016	once	
Wording	of question					
					Further information	
03/2016						
01.01.2015 t	the universal minimum wage	was implemented. Is your co	mpany affected by this regi	ulation?		
Has there be	een a change in employment	in your company?				
	new insurable employmen	t was				

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	iod		Survey frequency
3.145)	bau_minim	_post11	employment i	relationships d	id not chang	e	East and W	/est 03/201	16	once
Wording	of question									
wording	or question									
03/2016										Further information
01.01.2015 t	he universal mi	nimum wage v	vas implemen	ted. Is your co	mpany affect	ted by this regul	lation?			
Has there be	en a change in	employment in	n your compan	ny?						
	employment i	relationshins d	id not							
	change	Ciationships a	id not	[1]						
Time spar	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	2002	2004	2005	2006	2007	2009	2000	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						EAST				

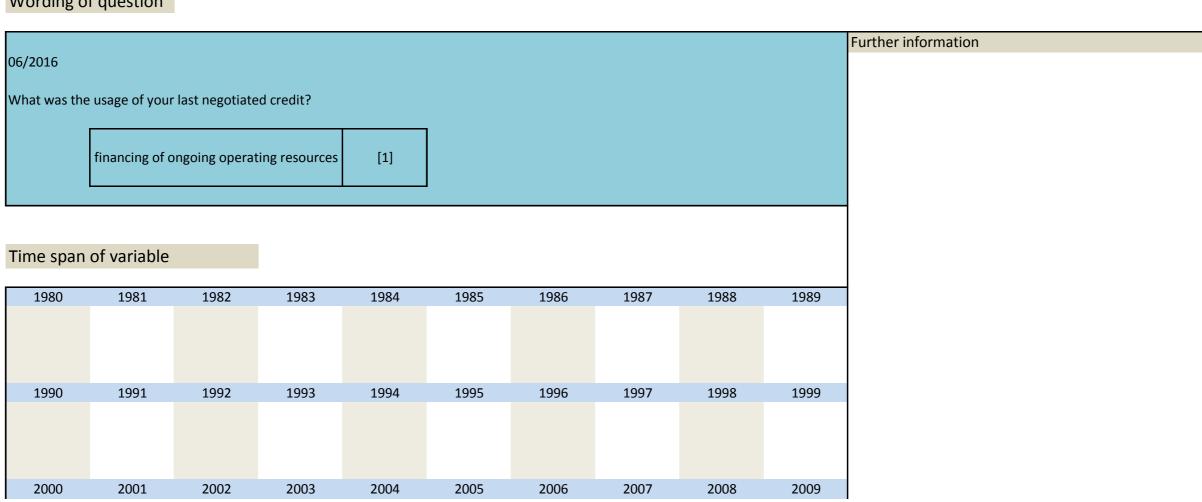
No.	Name	Label				Survey per	iod		Survey frequency
3.146)	bau_credityes	credit agreem	ent signed			East and W	/est 06/201	6	once
Wording o	of question								
wording c	n question								
06/2016									Further information
00/2010									
	ned one or more credit				?				
(e.g. new cre	dits, debt restructuring	g or prolungation of a	credit/ line of cr	edit)					
Yes:									
	[11] 0.000		- avaaatad			l.			
		ount and conditions a ount as expected, wo							
		ditions as expected, l							
	[4] low	er amount and worse	conditions than	expected					
T: 22.2.2.2.2.2	of voriable								
rime span	of variable								
1980	1981 198	82 1983	1984	1985	1986	1987	1988	1989	1
									1

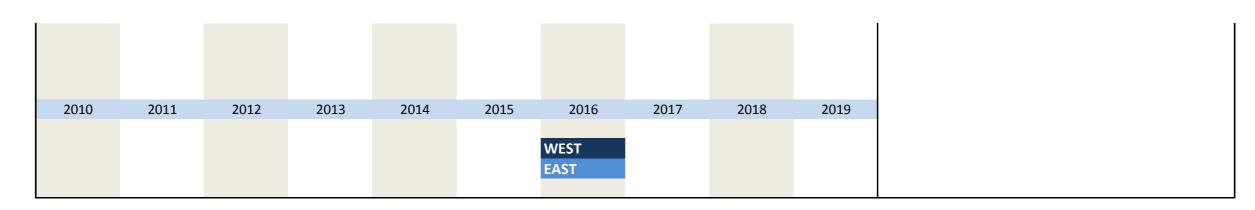


No.	Name		Label				Survey per	iod		Survey frequency
3.147)	bau_credit	no	credit agreem	ent not signe	d		East and V	/est 06/201	16	once
Wording o	of question									
06/2016										Further information
	ned one or moi dits, debt restr					ths?				
no, because:										
iio, because.										
		[1] no need [2] unaccepta	ahla tarms							
		[3] denied by								
			c prospect of a	credit						
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1000	1001	1002	1002	1004	1005	1006	1007	1000	1000	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						EAST				

No.	Name	Label	Survey period	Survey frequency
2 140\	hau crodituso1	financing of ongoing operating resources	East and West 06/2016	onco
3.148)	bau_credituse1	illiancing of origonia operating resources	East and West 06/2016	once

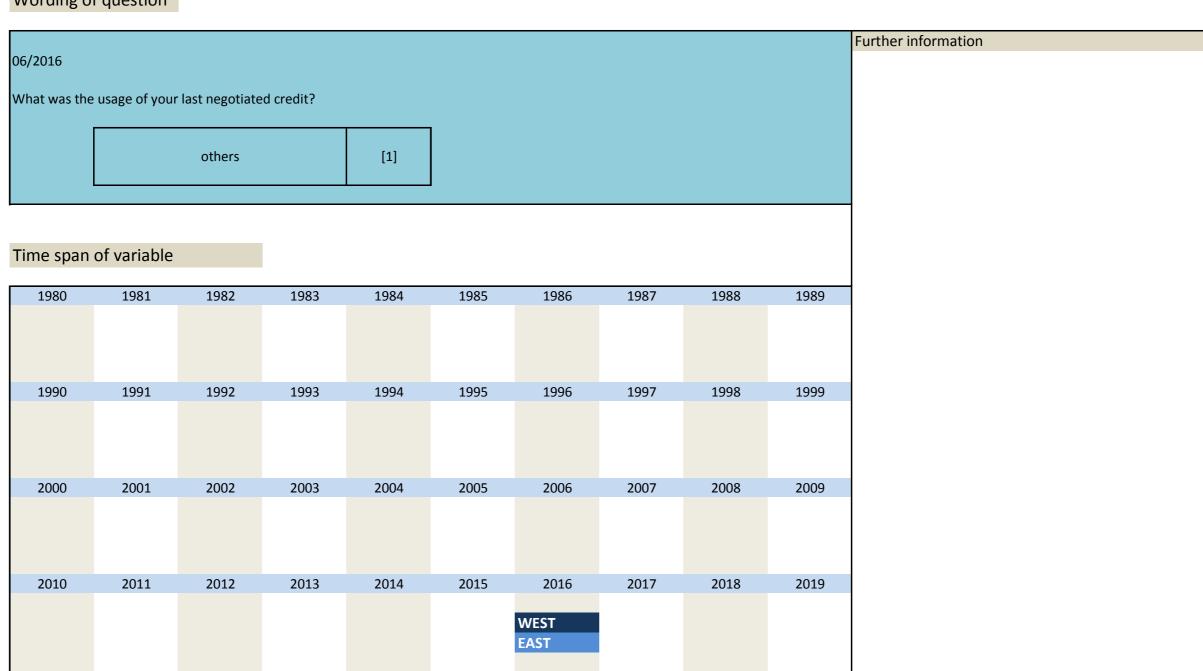
# Wording of question





No.	Name		Label				Survey per	iod		Survey frequency
3.149)	bau_credit	use2	financing of a	n investment			East and W	/est 06/2016	j	once
Wording	of question									
06/2016										Further information
	haaa afa	last nametics	to do one dita							
what was t	he usage of your	iast negotiai	lea creait?							
	financ	ing of an inve	estment	[1]						
	IIIIane			(-)						
	6									
Time spa	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
			2010	2014	2015	2016	2017	2018	2019	
2010	2011	2012	7013		411.1	2010	2017	2010	2013	1
2010	2011	2012	2013	2014						
2010	2011	2012	2013	2014	2020	WEST EAST				

No.	Name	Label	Survey period	Survey frequency
3.150)	bau_credituse3	other financing	East and West 06/2016	once
Wording	of question			
Wording	or question			
06/2016				Further information



No.	Name	Label	Survey period	Survey frequency
3.151)	bau_midmanager	mid tier: more than 4 managers	East and West 09/2016	once

0 /5 -										Further information
9/2016										
<b>id tier</b> bes your co	ompany have m	ore than 4 m	anagers?							
		yes [1]			no [2]		]			
	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				
										<u>.</u>
lo.	Name		Label				Survey per	iod		Survey frequency
									1.6	
			mid tion at los	act one mana	aar bas shara	•				ONCO
	bau_midm	anshare	mid tier: at lea	ast one mana	ger has shares	5	East and W	est 09/201	10	once
	bau_midm	anshare	mid tier: at lea	ast one mana	ger has share	5	East and W	est 09/203	10	
		anshare	mid tier: at lea	ast one mana	ger has shares	5	East and W	rest 09/201	10	Further information
<b>Vording o</b>		anshare	mid tier: at lea	ast one mana	ger has shares	5	East and W	rest 09/203	10	
Vording o	of question		mid tier: at lea		ger has shares	5	East and W	rest 09/20:	10	
Vording o	of question				ger has shares		East and W	est 09/20:	10	
Vording o	of question	anagers hold					East and W	rest 09/20:	10	
Vording of	of question	anagers hold yes [1]					East and W	est 09/20:		
Vording of 19/2016  Sidtier oes at least	of question	anagers hold yes [1]	shares of your o	company?	no [2]					
Vording of 19/2016  Midtier oes at least	of question	anagers hold yes [1]				1986	1987	1988	1989	
Vording of 19/2016  Sidtier oes at least	of question	anagers hold yes [1]	shares of your o	company?	no [2]					
Vording of 19/2016  Sidtier oes at least	of question	anagers hold yes [1]	shares of your o	company?	no [2]					
ime span	of question t one of your many	anagers hold yes [1] 1982	shares of your o	company?	no [2]	1986	1987	1988	1989	
ime span	of question t one of your many	anagers hold yes [1] 1982	shares of your o	company?	no [2]	1986	1987	1988	1989	
ime span	of question t one of your many	anagers hold yes [1] 1982	shares of your o	company?	no [2]	1986	1987	1988	1989	
ime spar	of question  t one of your many of variable  1981  1991	anagers hold yes [1] 1982	shares of your o	1984 1994	no [2]	1986	1987	1988	1989	
ime spar 1980	of question  t one of your many of variable  1981  1991  2001	anagers hold yes [1]  1982  2002	1983 1993 2003	1984 1994 2004	no [2]  1985  1995  2005	1986 1996	1987	1988	1989	
ime spar	of question  t one of your many of variable  1981  1991	anagers hold yes [1] 1982	shares of your o	1984 1994	no [2]	1986 1996 2006	1987	1988	1989	
ime spar 1980	of question  t one of your many of variable  1981  1991  2001	anagers hold yes [1]  1982  2002	1983 1993 2003	1984 1994 2004	no [2]  1985  1995  2005	1986 1996	1987	1988	1989	
ime spar 1980	of question  t one of your many of variable  1981  1991  2001	anagers hold yes [1]  1982  2002	1983 1993 2003	1984 1994 2004	no [2]  1985  1995  2005	1986 1996 2006 WEST	1987	1988	1989	
ime span 1980 2000	of question  t one of your many of variable  1981  1991  2001	anagers hold yes [1]  1982  2002	1983 1993 2003	1984 1994 2004	no [2]  1985  1995  2005	1986 1996 2006 WEST	1987	1988 1998 2008	1989	
ime span 1980 2000 2000	of question  t one of your many of of variable 1981 2001 2011	anagers hold yes [1]  1982  2002  2012	1983 1993 2003 Label	1984 1994 2004	no [2]  1985  2005  2015	1986 1996 2006 WEST	1987 1997 2007 2017	1988 1998 2008	1989 1999 2009	Survey frequency
ime span 1980 2000 2000	of question  t one of your many of variable  1981  1991  2001  Name  bau_midye	anagers hold yes [1]  1982  2002  2012	1983 1993 2003	1984 1994 2004	no [2]  1985  2005  2015	1986 1996 2006 WEST	1987 1997 2007	1988 1998 2008	1989 1999 2009	Further information
ime span 1980 2000 2000	of question  t one of your many of of variable 1981 2001 2011	anagers hold yes [1]  1982  2002  2012	1983 1993 2003 Label	1984 1994 2004	no [2]  1985  2005  2015	1986 1996 2006 WEST	1987 1997 2007 2017	1988 1998 2008	1989 1999 2009	Survey frequency
ime span 1980 2000 2000	of question  t one of your many of variable  1981  1991  2001  Name  bau_midye	anagers hold yes [1]  1982  2002  2012	1983 1993 2003 Label	1984 1994 2004	no [2]  1985  2005  2015	1986 1996 2006 WEST	1987 1997 2007 2017	1988 1998 2008	1989 1999 2009	Survey frequency

Time	e span	of variable								
1	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
							WEST EAST			