

List of variables

ifo Business Survey Construction

Data: 1/1991-6/2018

As of December 2018

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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		
1.19)	bau_participant	participation in this survey	Teilnahme		

2. Standard questions

I. Construction activity

No.	Name	Label	German description		
2.1)	bau_conactex	construction activity versus past	Bautätigkeit in Vergangenheit		
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		
2.09)	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	0.	Name	Label	German description					
2.1	11)	bau_ordvpm	orders versus past	Bestand an Bauaufträgen in Vergangenheit					
2.1	12)	bau_orders	orders (appraisal)	Auftragsbestand					
2.1	13)	bau_ranord	range of orders in months	Auftragsbestände in Monaten					

III. Prices of construction

No.	Name	Label	German description		
2.14)	bau prvpm	nrices versus nast	Raunreise in Vergangenheit		
2.14)	bau_prvpm	prices versus past	Baupreise in Vergangenheit		

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_statebus_sl	state of business (VAS)	Beurteilung der Geschäftslage (Slider)		
2.19)	bau_statebus_clicks	state of business (clicks)	Beurteilung der Geschäftslage (Klicks)		
2.20)	bau_comexp	expected commercial operations	Erwartungen der Geschäftslage		
2.21)	bau_comexp_sl	expected commercial operations (VAS)	Erwartungen der Geschäftslage (Slider)		
2.22)	bau_comexp_clicks	expected commercial operations (clicks)	Erwartungen der Geschäftslage (Klicks)		

V. Utilization of capacity*

			* until 11/2001 "Utilization of equipment"
No.	Name	Label	German description
2.23)	bau_equiput2	equipment utilization in %	Kapazitätsauslastung
2.24)	bau equiput1	equipment utilization (civil engineering) in %	Kapazitätsauslastung im Bauhauptgewerbe

VI. Employees

No.	Name	Label	German description		
		_			
2.26)	bau_emplexp	expected employees	Erwartete Entwicklung der Gesamtangestelltenzahl		
2.26)	bau_indwork	industrial workers	Gewerbliche Arbeitnehmer		
2.27)	bau_employ	employee	Angestellte		
2.28)	bau_statill	status of employee's illness in %	Krankenstand		
2.29)	bau_comexp_unc	uncertainty w.r.t. commercial operation	Slider Unsicherheit		

3. Special questions

VII. Special questions**/remarks***

No.	Name	Label	** main construction trades, *** prefabricated building construction German description			
140.	Name	Label	derman 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				
3.9)	bau_subfor		Subunternehmerleistungen von sonstigen Unternehmen			
3.10)		% for foreign subcontractors	Leistungen ausländischer Subunternehmer Statistisch nach nicht orfasste Rauten			
	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			
3.26)	bau_sdcc	special difficulties: constraints of construction	Baubehinderung			
3.27)	bau_sdda	special difficulties: delay of final acceptance	<u> </u>			
	_		Verzögerte Bauabnahme			
3.28)	bau_sdlop	special difficulties: accepting the bid by the lowest price	Zuschlagserteilung auf das billigste Angebot			
3.29)	bau_sdnopro	special difficulties: no severe problems	Keine größeren Probleme			
3.30)	bau_wh1	working hours: payment of overtime	Bezahlung zusätzlicher Stunden			
3.31)	bau_wh2	working hours: development	Entwicklung zusätzlich bezahlter Stunden			
3.32)	bau_wh3	working hours: number in t-1	Zusätzlich bezahlte Stunden in t-1			
3.33)	bau_wh4	working hours: number in t-2	Zusätzlich bezahlte Stunden in t-2			
3.34)	bau_chord1	range of orders within next 2 months: complete	Auftragsentwicklung in 2 Monaten			
3.35)	bau_chord2	range of orders within next 2 months: other civil engineering	Auftragsentwicklung in 2 Monaten: sonstiger Tiefbau			
3.36)	bau_chord3	range of orders within next 2 months: public civil engineering	Auftragsentwicklung in 2 Monaten: Öffentlicher Hochbau			
3.37)		range of orders within next 2 months: industrial civil engineering	Auftragsentwicklung in 2 Monaten: Gewerblicher Bau			
	bau_chord4					
3.38)	bau_chord5	range of o. w. next 2 m.: domestic construction, complete	Auftragsentwicklung in 2 Monaten: Wohnungsbau insgesamt			
3.39)	bau_chord6	range of o. w. next 2 m.: buildings of 3 or more appartments	A. in 2 M.: Gebäude mit 3 oder mehr Wohnungen			
3.40)	bau_chord7	range of orders within next 2 months: road construction	Auftragsentwicklung in 2 Monaten: Straßenbau			
3.41)	bau_cvno	changes in construction volume: no changes	Veränderungen im Bauvolumen			
3.42)	bau_cvpos	changes in construction volume: positive changes in %	Veränderungen im Bauvolumen: Steigerung in %			
3.43)	bau_cvneg	changes in construction volume: negative changes in %	Veränderungen im Bauvolumen: Abnahme in %			
3.44)	hau ever hell	% of construction volume: by drawing lots (in general)	Anteil von Fachlosvergaben an Gesamtleistung des Vorjahres (insgesamt)			
=:	bau_cvpr_bdl	Water the discount of the state	Anteil von Tätigkeiten als Subunternehmer an Gesamtleistung des Vorjahr			
3.45)	bau_cvpr_sc	% of construction volume: as subcontractor (in general)	(insgesamt)			
3.46)	bau cvpr pc	% of construction volume: as prime contractor (in general)	Anteil von Tätigkeiten als Generalunternehmer an Gesamtleistung des Vorjahres (insgesamt)			
3.47)		% of construction volume: as subcontractor and prime contractor (in	Anteil von Tätigkeiten als Generalunternehmer und -übernehmer an			
	bau_cvpr_scpc	general)	Gesamtleistung des Vorjahres (insgesamt) Anteil von Tätigkeiten als Generalübernehmer an Gesamtleistung des			
3.48)	bau_cvpr_gc	% of construction volume: as general contractor (in general)	Vorjahres (insgesamt)			
3.49)	bau_cvpr_solec	% of construction volume: as sole contractor (in general)	Anteil von Tätigkeiten als Totalunternehmer an Gesamtleistung des Vorjahres (insgesamt)			
3.50)	bau_cvpr_oth	% of construction volume: others (in general)	Anteil von sonstigen Tätigkeiten an Gesamtleistung des Vorjahres (insgesamt)			
3.51)	bau_cvpr_oth2	% of construction volume: others (in general)	Anteil von sonstigen Tätigkeiten an Gesamtleistung des Vorjahres (insgesamt)			
3.52)	bau_cvpu_bdl	% of construction volume: by drawing lots (public clients)	Anteil von Fachlosvergaben an Gesamtleistung des Vorjahres (öffentl. Auftraggeber)			
3.53)	bau_cvpu_sc	% of construction volume: as subcontractor (public clients)	Anteil von Tätigkeiten als Subunternehmer an Gesamtleistung des Vorjahre (öffentl. Auftraggeber)			
3.54)		% of construction volume: as prime contractor (public clients)	Anteil von Tätigkeiten als Generalunternehmer an Gesamtleistung des			
3.55)	bau_cvpu_pc	% of construction volume: as subcontractor and prime contractor	Vorjahres (öffentl. Auftraggeber) Anteil von Tätigkeiten als Generalunternehmer und -übernehmer an			
3.56)	bau_cvpu_scpc	(public clients) % of construction volume: as general contractor (public clients)	Gesamtleistung des Vorjahres (öffentl. Auftraggeber) Anteil von Tätigkeiten als Generalübernehmer an Gesamtleistung des			
	bau_cvpu_gc		Vorjahres (öffentl. Auftraggeber) Anteil von Tätigkeiten als Totalunternehmer an Gesamtleistung des			
3.57)	bau_cvpu_solec	% of construction volume: as sole contractor (public clients)	Vorjahres (öffentl. Auftraggeber) Anteil von sonstigen Tätigkeiten an Gesamtleistung des Vorjahres (öffentl.			
3.58)	bau_cvpu_oth	% of construction volume: others (public clients)	Auftraggeber)			
3.59)	bau_cvpu_oth2	% of construction volume: others (public clients)	Anteil von sonstigen Tätigkeiten an Gesamtleistung des Vorjahres (öffentl. Auftraggeber)			
3.60)	bau_pcgc_gen	We regularly act as prime/ general contractor (in general)	Regelmäßige Arbeit als Generalunter bzwübernehmer (allgemein)			

	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				
No.	Name	Label	German description				
3.65)	bau_bes	borrowed equipment / subcontractors	Leihgeräte				
3.66)	bau_beslc	borrowed equipment / subcontractors: for lack of capacities	Leihgeräte wegen Kapazitätsengpässen				
3.67)	bau_bessw	borrowed equipment / subcontractors: special work	Leihgeräte wegen Spezialarbeiten				
3.68)	bau_beper	borrowed equipment: number in %	Leihgeräte in Prozent				
3.69)	bau_belope	borrowed equipment: number in % for longer periods	Leihgeräte in Prozent, längerfristig				
3.70)	bau_bewill	borrowed equipment: willingness	Neigung Leihgeräte anzumieten				
3.71)	bau_bewilp	borrowed equipment: willingness for longer periods	Neigung Leihgeräte längerfristig anzumieten				
3.72)	bau_sper	subcontractors: % of sales volume	Umsatzanteil Subunternehmer				
3.73)	bau_swill1	subcontractors: willingness	Vergabe von Spezialarbeiten an Subunternehmer				
3.74)	bau_swill	subcontractors: willingness	Vergabe von Spezialarbeiten an Subunternehmer				
3.75)	bau_co1	medium-term expected commercial operations: 3. quarter	Geschäftlage dieses Jahr im 3. Quartal				
3.76)	bau_co2	medium-term expected commercial operations: 4. quarter	Geschäftlage dieses Jahr im 4. Quartal				
3.77)	bau_co3	medium-term expected commercial operations: 1. quarter	Geschäftlage nächstes Jahr im 1. Quartal				
3.78)	bau_co4	medium-term expected commercial operations: 2. quarter	Geschäftlage nächstes Jahr im 2. Quartal				
3.79)	bau_lackwoper	number lack of work in %	Arbeitsausfall durch Sommerurlaub				
3.80)	bau_lackwo2	lack of work (comparison)	Arbeitsausfall druch Sommerurlaub im Vgl. zum letzten Jahr				
3.81)	bau_prpa1	precast parts: % of construction volumen at the memori	Verwendung von Fertigteilen				
3.82)	bau_prpacvm	precast parts: % of construction volumen at the moment	Fertigteile in % vom Bauwert				
3.83)	bau_prpacvy	precast parts: % of construction volumen whole year	Fertigteile in % vom Bauwert im letzten Jahr				
3.84) 3.85)	bau_ovtim bau_ovtimper	overtime overtime in %	Überstunden Überstunden in Prozent				
3.86)	bau_cfc1	construction in foreign countries	Auslandsbau				
3.87)	bau_cfcgh	construction in foreign countries:	Auslandsbau durch deutsche Stammfirma				
3.88)	bau cfcac	construction in foreign countries: associated company	Auslandsbau durch rechtlich selbständige Gesellschaften				
3.89)	bau_cfcsh	construction in foreign countries: shareholding	Auslandsbau durch Beteiligung an ortsansässigen Gesellschaften				
3.90)	bau_salvol1	sales volume in %: road construction	Umsatzanteil im Straßenbau				
3.91)	bau_salvol2	sales volume in %: other civil engineering	Umsatzanteil im sonstigen Tiefbau				
3.92)	bau_salvol3	sales volume in %: public civil engineering	Umsatzanteil im öffentlichen Hochbau				
3.93)	bau_salvol4	sales volume in %: industrial civil engineering	Umsatzanteil im gewerblichen Bau				
3.94)	bau_salvol5	sales volume in %: domestic construction	Umsatzanteil im Wohnungsbau insgesamt				
3.95)	bau_emp	employees	Beschäftigte insgesamt				
3.96)	bau_inwo	indsutrial worker	Arbeiter				
3.97)	bau_numwor	number of workers	Arbeiter				
3.98)	bau_empl	employees all together	Beschäftigte insgesamt				
3.99)	bau_phcaw	plant holidays: cessation of all work	Betriebsurlaub des gesamten Baubetriebs				
3.100)	bau_phcwbr	plant holidays: cessation of work of singular branches	Betriebsurlaub für einzelne Niederlassungen				
3.101)	bau_phyn	plant holidays	Betriebsurlaub				
3.102)	bau_phm	plant holidays: month	Betriebsurlaub Monat				
3.103)	bau_phdur	plant holidays: duration in weeks	Betriebsurlaub in Wochen				
3.104) 3.105)	bau_phdur2	plant holidays: duration in weeks	Betriebsurlaub in Wochen				
	hau phintr						
	bau_phintr	year of introduction of plant holidays	Einführungsjahr des Betriebsurlaubs				
3.106)	bau_deccon	year of introduction of plant holidays decline of construction activity	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub				
3.106) 3.107)	bau_deccon bau_credit	year of introduction of plant holidays decline of construction activity credit allocation	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe				
3.106) 3.107) 3.108)	bau_deccon bau_credit bau_vaclhy	year of introduction of plant holidays decline of construction activity credit allocation vacancies during last 6 months	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe Offene Stellen während der letzten 6 Monate				
3.106) 3.107) 3.108) 3.109)	bau_deccon bau_credit bau_vaclhy bau_vaclhy_cp	year of introduction of plant holidays decline of construction activity credit allocation vacancies during last 6 months vacancies during last 6 months: commercial professions	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe Offene Stellen während der letzten 6 Monate Offene Stellen im Bereich: gewerbliche Berufe				
3.106) 3.107) 3.108)	bau_deccon bau_credit bau_vaclhy bau_vaclhy_cp bau_vaclhy_so	year of introduction of plant holidays decline of construction activity credit allocation vacancies during last 6 months	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe Offene Stellen während der letzten 6 Monate Offene Stellen im Bereich: gewerbliche Berufe Offene Stellen im Bereich: kaufmännische Berufe				
3.106) 3.107) 3.108) 3.109) 3.110)	bau_deccon bau_credit bau_vaclhy bau_vaclhy_cp bau_vaclhy_so bau_vaclhy_mc	year of introduction of plant holidays decline of construction activity credit allocation vacancies during last 6 months vacancies during last 6 months: commercial professions vacancies during last 6 months: sales occupation vacancies during last 6 months: managerial staff (commerce)	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe Offene Stellen während der letzten 6 Monate Offene Stellen im Bereich: gewerbliche Berufe Offene Stellen im Bereich: kaufmännische Berufe Offene Stellen im Bereich: gewerbliches Führungspersonal				
3.106) 3.107) 3.108) 3.109) 3.110) 3.111)	bau_deccon bau_credit bau_vaclhy bau_vaclhy_cp bau_vaclhy_so bau_vaclhy_mc bau_vaclhy_ce	year of introduction of plant holidays decline of construction activity credit allocation vacancies during last 6 months: commercial professions vacancies during last 6 months: sales occupation vacancies during last 6 months: managerial staff (commerce) vacancies during last 6 months: construction engineer	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe Offene Stellen während der letzten 6 Monate Offene Stellen im Bereich: gewerbliche Berufe Offene Stellen im Bereich: kaufmännische Berufe Offene Stellen im Bereich: gewerbliches Führungspersonal Offene Stellen im Bereich: Bauingenieur				
3.106) 3.107) 3.108) 3.109) 3.110) 3.111) 3.112)	bau_deccon bau_credit bau_vaclhy bau_vaclhy_cp bau_vaclhy_so bau_vaclhy_mc bau_vaclhy_ce bau_vaclhy_tc	year of introduction of plant holidays decline of construction activity credit allocation vacancies during last 6 months: vacancies during last 6 months: sales occupation vacancies during last 6 months: managerial staff (commerce) vacancies during last 6 months: construction engineer vacancies during last 6 months: construction engineer	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe Offene Stellen während der letzten 6 Monate Offene Stellen im Bereich: gewerbliche Berufe Offene Stellen im Bereich: kaufmännische Berufe Offene Stellen im Bereich: gewerbliches Führungspersonal				
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3.106) 3.107) 3.108) 3.109) 3.110) 3.111) 3.112) 3.113) 3.114) 3.115) 3.116) 3.117) 3.118) 3.120) 3.121) 3.122) 3.122) 3.122) 3.1221 3.1225 3.124 3.125 3.126 3.127 3.128 3.129 3.130) 3.131) 3.131)	bau_deccon bau_credit bau_vaclhy bau_vaclhy_cp bau_vaclhy_so bau_vaclhy_ce bau_vaclhy_tc bau_difil_cp bau_difil_cp bau_difil_ce bau_difil_ce bau_difil_tc bau_difil_tc bau_vacrepfea bau_seskivly bau_fambus bau_ref1 bau_ref2 bau_ref3 bau_ref4 bau_ref5 bau_ref6 bau_ref7 bau_ref8 bau_ref8 bau_ref9 bau_minim_post1	year of introduction of plant holidays decline of construction activity credit allocation vacancies during last 6 months vacancies during last 6 months: commercial professions vacancies during last 6 months: sales occupation vacancies during last 6 months: managerial staff (commerce) vacancies during last 6 months: construction engineer vacancies during last 6 months: trainees (commerce) difficulties filling vacancies difficulties filling vacancies: asles occupation difficulties filling vacancies: managerial staff (commerce) difficulties filling vacancies: construction engineer difficulties filling vacancies: trainees (commerce) % of vacancies reported to federal employment agency search for skilled workers vs. last year family business refugees question1 refugees question1 refugees question4 refugees question4 refugees question5 refugees question7 refugees question7 refugees question7 refugees question7	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe Offene Stellen während der letzten 6 Monate Offene Stellen im Bereich: gewerbliche Berufe Offene Stellen im Bereich: kaufmännische Berufe Offene Stellen im Bereich: gewerbliches Führungspersonal Offene Stellen im Bereich: gewerbliches Führungspersonal Offene Stellen im Bereich: gewerbliche Auszubildende Probleme offene Stellen zu Besetzen Dauer bis Besetzung im gewerblichen Bereich Dauer bis Besetzung im gewerblichen Bereich Dauer bis Besetzung bei gewerblichen Führungspersonal Dauer bis Besetzung im Bauingenieurbereich Dauer bis Besetzung im Bauingenieurbereich Dauer bis Besetzung bei gewerblichen Auszubildenden % offener Stellen, die der Bundesagentur für Arbeit gemeldet wurden Suche nach Fachkräften verglichen mit dem Vorjahr Familienunternehemen Flüchtlinge Frage 1 Flüchtlinge Frage 2 Flüchtlinge Frage 3 Flüchtlinge Frage 4 Flüchtlinge Frage 4 Flüchtlinge Frage 5 Flüchtlinge Frage 6 Flüchtlinge Frage 7 Flüchtlinge Frage 7				
3.106) 3.107) 3.108) 3.109) 3.110) 3.111) 3.112) 3.113) 3.114) 3.115) 3.116) 3.117) 3.118) 3.120) 3.121) 3.122) 3.122) 3.122) 3.1221 3.1223 3.124) 3.125) 3.126) 3.127) 3.128) 3.129) 3.130) 3.131)	bau_deccon bau_credit bau_vaclhy bau_vaclhy_cp bau_vaclhy_so bau_vaclhy_ce bau_vaclhy_ce bau_vaclhy_tc bau_difil_cp bau_difil_cp bau_difil_ce bau_difil_ce bau_difil_tc bau_difil_tc bau_vacrepfea bau_seskivly bau_fambus bau_ref1 bau_ref2 bau_ref3 bau_ref4 bau_ref5 bau_ref6 bau_ref7 bau_ref8 bau_ref8 bau_ref8	year of introduction of plant holidays decline of construction activity credit allocation vacancies during last 6 months vacancies during last 6 months: commercial professions vacancies during last 6 months: sales occupation vacancies during last 6 months: managerial staff (commerce) vacancies during last 6 months: construction engineer vacancies during last 6 months: trainees (commerce) difficulties filling vacancies: difficulties filling vacancies: commercial professions difficulties filling vacancies: managerial staff (commerce) difficulties filling vacancies: construction engineer difficulties filling vacancies: construction engineer difficulties filling vacancies: trainees (commerce) % of vacancies reported to federal employment agency search for skilled workers vs. last year family business refugees question1 refugees question2 refugees question3 refugees question4 refugees question5 refugees question6 refugees question7 refugees question7 refugees question8 refugees question9	Einführungsjahr des Betriebsurlaubs Rückgang der Bautätigkeit wegen Betriebsurlaub Kreditvergabe Offene Stellen während der letzten 6 Monate Offene Stellen im Bereich: gewerbliche Berufe Offene Stellen im Bereich: kaufmännische Berufe Offene Stellen im Bereich: gewerbliches Führungspersonal Offene Stellen im Bereich: gewerbliches Führungspersonal Offene Stellen im Bereich: gewerbliche Auszubildende Probleme offene Stellen zu Besetzen Dauer bis Besetzung im gewerblichen Bereich Dauer bis Besetzung im gewerblichen Bereich Dauer bis Besetzung im Bauingenieurbereich Pauer bis Besetzung im Bauingenieurbereich Dauer bis Besetzung bei gewerblichen Auszubildenden % offener Stellen, die der Bundesagentur für Arbeit gemeldet wurden Suche nach Fachkräften verglichen mit dem Vorjahr Familienunternehemen Flüchtlinge Frage 1 Flüchtlinge Frage 2 Flüchtlinge Frage 3 Flüchtlinge Frage 4 Flüchtlinge Frage 5 Flüchtlinge Frage 6 Flüchtlinge Frage 7 Flüchtlinge Frage 8 Flüchtlinge Frage 8				

3.136)	bau minim post5	measures: increased prices	Maßnahmen: Preiserhöhungen			
3.137)	bau minim post6	measures: decreased investment	Maßnahmen: verringerte Investitionen			
3.138)	bau_minim_post7	measures: decreased special payments	Maßnahmen: Kürzungen von Sonderzahlungen			
3.139)	bau_minim_post8	less minijobs	Minijobs weggefallen			
3.140)	bau_minim_post9	minijobs transformed into insurable employment	Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt			
3.141)	bau_minim_post10	new insurable employment	neue soz.vers.pflichtige Besch.verhältnisse			
3.142)	bau_minim_post11	employment relationships did not change	keine veränderten Besch.Verhältnisse			
3.143)	bau_credityes	credit agreement signed	Kreditvertrag abgeschlossen			
3.144)	bau_creditno	credit agreement not signed	Kreditvertrag nicht abgeschlossen			
3.145)	bau_credituse1	financing of ongoing operating resources	Finanzierung laufender Kreditmittel			
3.146)	bau_credituse2	financing of an investment	Finanzierung einer Investition			
3.147)	bau_credituse3	other financing	Sonstiger Verwendungszweck			
3.148)	bau_midmanager	mid tier: more than 4 managers	Mittlestand: mehr als 4 Manager			
3.149)	bau_midmanshare	mid tier: at least one manager has shares	Mittelstand: Mindestens ein Manager hat Anteile			
3.150)	bau_midyes	mid tier: company rated as mid tier	Mittelstand: Als Mittelstand eingeschätzt			
3.151)	bau_credit2_1	credit seeking	Kreditverhandlungen durchgeführt			
3.152)	bau_credit2_2	credit allocation	Kreditvergabe: Verhalten der Banken			
3.153)	bau_credit2_3	reasons for not credit seeking	Gründe für keine Kreditverhandlungen			
3.154)	bau_negint	confronted with negative interest rates	Wurden Sie mit Negativzinsen konfrontiert?			
3.155)	bau_negint_noact	negative interest actions: none	Keine Maßnahmen			
3.156)	bau_negint_agree	negative interest actions: bank agreements	Verhandlungen mit Bank			
3.157)	bau_negint_change	negative interest actions: change of bank	Wechsel der Bank			
3.158)	bau_negint_inc	negative interest actions: increase of cash	Erhöhung der Bargeldhaltung			
3.159)	bau_negint_redas	negative interest actions: redeployment in other financial assets and	Umschichtung Finanzanlagen/Rückzahlung von Krediten			
3.160)	bau_negint_redasint	negative interest actions: redeployment of assets within company	Umschichtung des Guthabens			
3.161)	bau_negint_inv	negative interest actions: investing or preponing (additional)	Investitionen			
3.162)	bau_negint_oth	negative interest actions: other	Andere			
3.163)	bau_negint_burden	burden of negative interest rates on profit situation	Belastung durch Negativzinsproblematik			
3.164)	bau_negint_banks	number of relationship banks	Wie viele Banken?			
3.165)	bau_sd	special difficulties: severe problems	spezielle Schwierigkeiten			

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

No.	Name		Label				Survey per	iod		Survey frequency
1.2)	year		year				West since			monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										Year of survey
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										

No.	Name		Label				Survey per	iod		Survey frequency
1.3)	month		month				West since			monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										Month
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										

No.	Name		Label				Survey per	iod		Survey frequency
			ı.					00/1001		
1.4)	idnum		firm X adress t	file id			West since			monthly
							East since	04/1992		monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
			WEST							Firm X adress file id
	EAST									
										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										

No.	Name		Label				Survey per	iod		Survey frequency
1.5)	runnum		running numb	er of plant			West since			monthly
							East since (01/1991		monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										running number of plant
EAST										running number of plant
2004	2002	2002	2004	2005	2005	2007	2000	2000	2040	
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 period Survey frequency						
No. Name East Survey period Survey mediciney	- 1	No	Name	Lahel	Survey period	Survey frequency
	- 1	INO.	Ivairie	Label	Survey period	Julvey frequency

1.6)	bau_plantr	num	KT information	n id			West since (monthly monthly	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information	
WEST EAST										KT information id, 12 digits formed with sector number	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	digit 1-5: 1.5) sec digit 6-7: 1.15) fedstaifo	construction sector federal state according to
WEST EAST	_		_	_			_	_	_	digit 8-12: 1.11) runnum	ifo code running plant number
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
WEST EAST							_				

No.	Name		Label				Survey per	iod		Survey frequency
1.7)	bau_weste	ast	western easte	rn			West since			monthly 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	[2] eastern
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No.	Name		Label				Survey per	iod		Survey frequency	
1.8)	fedstaifo		federal state (ifo-code)			West since			monthly	
							East since	01/1991		monthly	
										1	
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' (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.	ivame		Labei				Survey pen	lou		Survey frequency
	1.9)	bau_lateco	mer	latecomer				West 01/19	991 to 12/1	995	monthly
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
	WEST										Latecomer
Ī											
											[N]
	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
1.10)	sector_id	I	West & East since 01/1991	monthly

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	2006	2009	2010
WEST									
EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
WEST									
EAST							_		
LAJI									

No.	Name		Label				Survey per	iod		Survey frequency
1.11)	bau_sec2						West & Ea	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										
2014	2042	2042	2014	2045	2046	2047	2040	2010	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No.	Name		Label				Survey per	riod		Survey frequency	
1.12)	sector bau		classification	according to fe	ederal statistica	I office (type	West since	01/1991		monthly	
1.12,	50001_500		of constructio		.ucrai statistico	ii omee (type	East since			monthly	
				,				,		,	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information	
WEST										West and East:	
EAST										2100000: construction industry	code
										2110100: road construction	code
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2110200: other civil engineering	code
										2120100: public civil engineering	code
WEST										2120200: industrial civil engineering	code
EAST										2120300: residential construction	code
										2120400: buildings with 3 flats and more	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	nur West	
										2200000: Building trade	code
WEST										2210100: road construction	code
EAST										2210200: other civil engineering	code
										2220200: industrial civil engineering	code
										2220300: residential construction	code
										2220400: buildings with 3 flats and more	code
										West and East:	
										2300000: prefabricated building construction	or code
										2320100: single family house	code
										2320200: multi-family house	code
										2320300: non-residential building	code

			es regarding	,,	p. 00000					
No.	Name		Label				Survey per	riod		Survey frequency
1.13)	online		online				West since	01/1991		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	
WEST										
EAST										

No.	Name		Label				Survey peri	iod		Survey frequency
1.14)	survey_star	t	survey_start				West since (monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
										Survey start Only refers to participants who answered the questionnaire
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	online
				WEST EAST		_	_	_		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST			-							

No.	Name	_	Label	_	_	_	Survey per	iod	_	Survey frequency
							carrey per			canal, require,
1.15)	survey_end	ł	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 questionnaire
2001	2002	2003	2004	2005	2006	2007	2008	2009		online
				WEST EAST						
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										
EAST										

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

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

_	No	Nama	Lahol	Cumiou nariad	Cumiou fromunani	
_	No.	Name	Labei	Survey period	Survey frequency	
				**	, , ,	_

1.18)	participation	on_status		participation s	status		West since (monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999		Further information Participation status Only refers to participants who answered the questionnaire
2001	2002	2003	2004	2005 WEST EAST	2006	2007	2008	2009		Only refers to participants who answered the questionnaire online [1] complete [2] reworked [3] incomplete
2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	2020	[4] not answered

No.	Name		Label				Survey per	iod		Survey frequency
1.19)	bau_partic	ipant		participation i	in this survey		West since			monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
******										introduced in 04/2018
WEST EAST	_		_				_			Participation in this survey:
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	[0] No [1] Yes
WEST										[1] les
EAST										Calculation of varaible:
										1, if data of online and statebus or comexp exists, 0
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	otherwise
WEST										1991-03/2018 variable=1, since 04/2018 variable can be 0 or 1 (due to a change in delievered data)
EAST										07 & 08/2018 only data of participants was delievered

2. Standard questions

I. Construction activity

Time span of variable

No. Name	Label	Survey period	Survey frequency
2.1) bau_co	nactex construction activity versus past	West since 01/1991 East since 01/1991	monthly monthly

Wording of question Further information 01/1991 to 11/2001; 01/2014 Construction activity versus previous month In the month under report we have built more [1] average during the last 3 months about the same amount [2] less [3] 01/2002, 02/2002 During the last 2-3 months our construction activity has increased [1] not changed [2] decreased [3] 03/2002 to 04/2014; 04/2015; 12/2015 Previous month our construction activity has increased [1] not changed [2] decreased [3] since 05/2014, irregularly In the past 3 months our construction activity has increased [1] not changed [2] decreased [3]

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WEST									
EAST									
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2001	2002	2003	2004	2003	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
2.2)	bau_const	train	constraints				West since			monthly
Wording	of question						East since	01/1991		monthly
01/1991 to	44/2004									Further information
	on of orders is c	urrently const	rained							Constraints to production
THE EXCEUTION	on or oracis is c	yes [1]]	no [2]]			[3]: Conflict - here, "no" was chosen , but for any constraining factor (2.3) bau_mplack bis 2.9) bau_othrea), "yes" was crossed.
01/2002, 02	2/2002									1
The constru	ction activity/ex	ecution of or	ders is currently	constrained						
		yes [1]		J	no [2]]			
from 03/200	02 to 04/2017									
The constru	ction activity/ex	ecution of or	ders was constra	ined						
		yes [1]]	no [2]]			
from 05/203	17 to 06/2018									
Previous mo	onth the constru	uction activity,	execution of or	ders was cons	trained					
		yes [1]]	no [2]]			1
										1
	n of variable									1
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	1
WEST EAST	_	_	_			_	_			
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	1
WEST EAST			_							1
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	1
WEST										1
EAST										
No.	Name		Label				Survey per	ind		Survey frequency
1101	Hame		20001				builtey per	.00		Salvey hequency
2.3)	bau_mpla	ck	constraints: la	ick of manpov	ver		West since			monthly monthly
Wording	of question									·
since 01/19	91									Further information
The constru	ction activity/ e	xecution of or	ders is currently	/ was constra	ined.*					Lack of manpower
	If yes, due to						_			*For the exact wording of question for the
		lack of man	oower [1]							corresponding point of time see 2.2) constraints
Time spai	n of variable									

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
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									

	Name		Label				Survey per	iod		Survey frequency
2.4)	bau_matla	ck	constraints: la	ick of material			West since			monthly monthly
Wording	of question	monthly								
										Further information
since 01/19	91									Lack of material
The constru	iction activity/ ex		ers is currently	/ was constrair	ned.*					
	If yes, due to:									*For the exact wording of question for the
		lack of materia	al/insufficient	technical equi	pment [1]					corresponding point of time see 2.2) constraint
Time spa	n of variable									
1991	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST 2001	1992									
1991 WEST EAST	1992									
1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST EAST 2001 WEST EAST 2011	1992									
1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

NO.	Name		Labei				Survey per	100		Survey frequency
2.5)	bau_weath	con	constraints: w	eather condition	ons		West since	01/1991		monthly
	_						East since			monthly
Wording o	rding of question									
										Further information
since 01/1991										Further information
311100 01/133.	-									unfavourable weather conditions
The construct	ion activity/ ex	ecution of orde	rs is currently,	was constrair	ned.*					
	If yes, due to:									
							1			*For the exact wording of question for the
		unfavourable v	weather condit	ions [1]			J			corresponding point of time see 2.2) constraints
										·
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
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										

No.	Name	Label	Survey period	Survey frequency
2.6)	bau finan	constraints: financing	West since 01/1991	monthly
-,			East since 01/1991	monthly
Wording o	fauestion		•	

since 01/1	006									Further information
Since 01/1	990									insufficient financing
The constr	uction activity/ e If yes, due to		ers is currently	/ was constrain	ned.*					
	11 yes , ade to	insufficient fi	nancing [1]							*For the exact wording of question for the corresponding point of time see 2.2) constraints
Time spa	an of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
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										
										I.

	Name		Label				Survey per	iod		Survey frequency
1.7)	bau ordlad	:k	lack of orders				West since	01/1996		monthly
,							East since			monthly
Nording o	of question							,		,
										Further information
ince 01/199	1									
										Lack of orders
he construc	tion activity/ ex	ecution of ord	ers is currently	/ was constrai	ned.*					
	If yes, due to:									
							-			*For the exact wording of question for the
		lack of orders	[1]							corresponding point of time see 2.2) constraints
Time span	of variable									
Time span	of variable									
Time span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996 WEST	1997	1998	1999	2000	
		1993	1994	1995		1997	1998	1999	2000	
		1993	1994	1995	WEST	1997	1998	1999	2000	
		1993	1994	1995	WEST	1997	1998	1999	2000	
1991	1992				WEST EAST					
1991 2001	1992				WEST EAST					
1991	1992				WEST EAST					
1991 2001 WEST	1992	2003	2004	2005	WEST EAST 2006	2007	2008	2009	2010	
1991 2001	1992				WEST EAST					
2001 WEST	1992	2003	2004	2005	WEST EAST 2006	2007	2008	2009	2010	
1991 2001 WEST 2011 WEST	1992	2003	2004	2005	WEST EAST 2006	2007	2008	2009	2010	
2001 WEST	1992	2003	2004	2005	WEST EAST 2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
2.8)	bau_canco	rd	cancellation o	forders			West since			monthly
Wording o	of question						East since	01/2012		monthly
since 01/201	2									Further information
311100 01/201	· -									Cancellation of orders
	tion activity/ ex	ecution of ord	ers was constr	ained						
[]	If yes, due to:									
		lack of orders								
		- thereof: car	ncellations of o	rders [1]						
Time coar	of variable									
Time spai	i di variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	

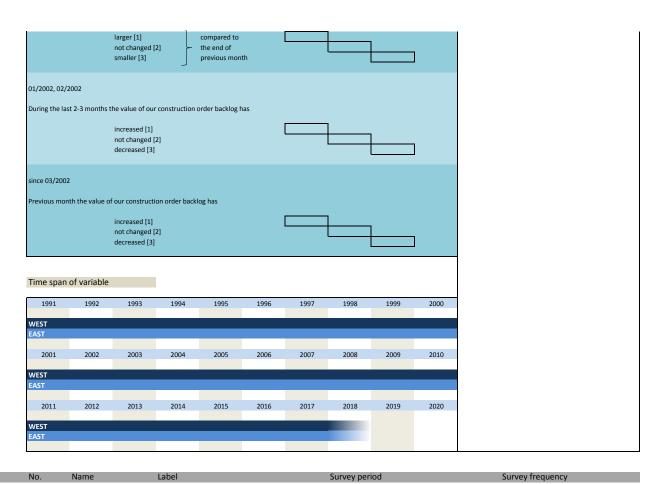


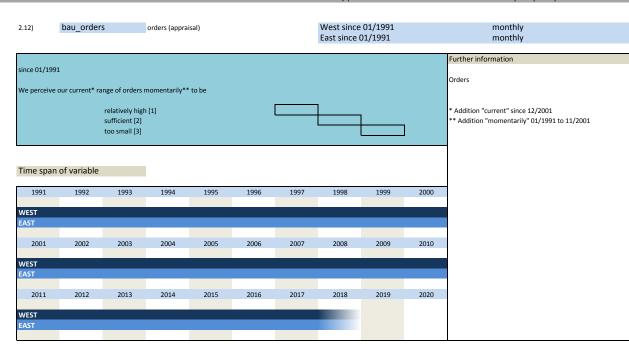
	No.	Name		Label				Survey per	iod		Survey frequency
## Further information Since 01/1991	2.9)	bau_othrea	3	constraints: o	ther reasons						
Since 01/1991 The construction activity/ execution of orders is currently/ was constrained.* If yes, due to: other reasons, namely** other reasons, namely** Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST FAST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	Wording	of question						East since (01/1991		montnly
The construction activity/ execution of orders is currently/ was constrained.* If yes, due to: other reasons, namely** Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST EAST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020											Further information
The construction activity/ execution of orders is currently/ was constrained.* If yes, due to: other reasons, namely** torresponding point of time see 2.2) con **Addition "namely" since 01/2002 **Addition "namely" since 01/2002 **East 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	since 01/19	91									Other reasons
*For the exact wording of question for the corresponding point of time see 2.2) con ** Addition "namely" since 01/2002 **Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 **WEST EAST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	The constru			ers is currently	/ was constrain	ned.*					
Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST EAST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020		if yes, due to:									*For the exact wording of question for the
Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST EAST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020			other reasons,	, namely**							corresponding point of time see 2.2) constrain
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST EAST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020								_			** Addition "namely" since 01/2002
EAST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	Time spar	n of variable									
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020			1993	1994	1995	1996	1997	1998	1999	2000	
WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	1991		1993	1994	1995	1996	1997	1998	1999	2000	
EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	1991 WEST		1993	1994	1995	1996	1997	1998	1999	2000	
EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	1991 WEST EAST	1992									
	1991 WEST EAST	1992									
WEST	1991 WEST EAST 2001 WEST	1992									
	1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	
EAST	1991 WEST EAST 2001 WEST EAST 2011	1992	2003	2004	2005	2006	2007	2008	2009	2010	

No. Name Label

2.10)	bau_conac	tfut	construction a	activity in 3 mo	nth		West since			monthly monthly
Wording o	ording of question									monuny
										Further information
from 01/1991	l to 06/2018									Construction activity during the next 3 months
During the ne	ext 3 months w	e will presumal	bly build							
		more [1] as much [2] less [3]		than/as in the last 3 months						
	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST	1992									
1991 WEST EAST 2001	1992									
1991 WEST EAST	1992									
1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

		struction orders		
No.	Name	Label	Survey period	Survey frequency
2.11)	bau_ordvpm	orders versus past	West since 01/1991	monthly
			East since 01/1991	monthly
				Further information
01/1991 t	o 11/2001			



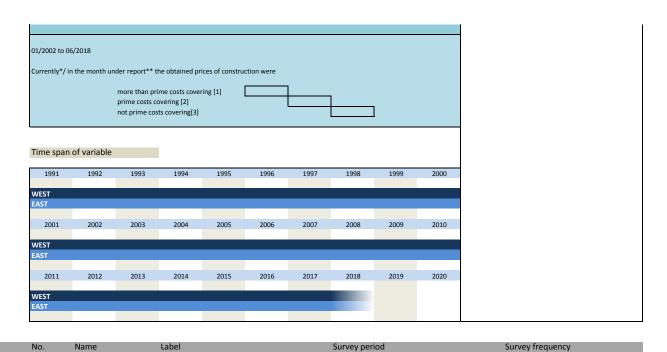


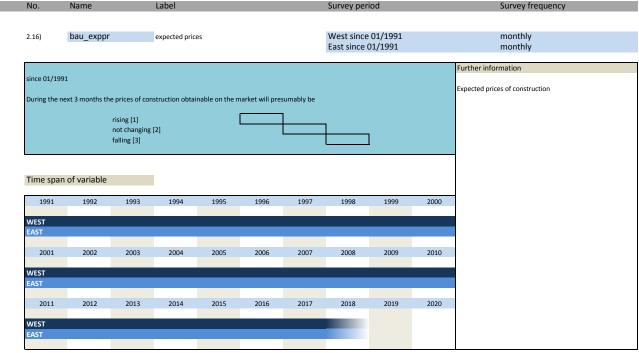
No.	Name	Label	Survey period	Survey frequency
2.13)	bau_ranord	range of orders in months	West since 01/1991 East since 01/1991	monthly monthly
01/1991 1	to 11/2001			Further information Range of orders in months
	d of the month under repor ge production of	t our range of orders equals under an usual course months	of the season	[10] = 1 month [15] = 1,5 months
since 01/	2002			[100] = 10 months etc.
Since 01/	2002			

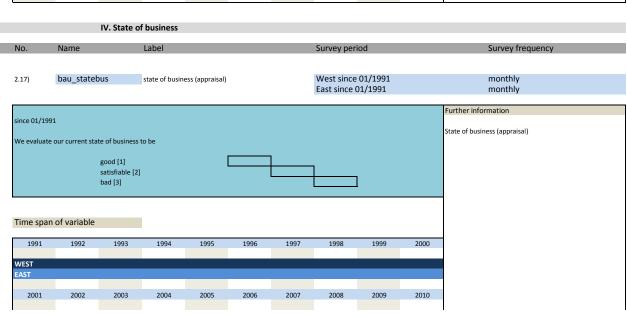
Under an usua	der an usual course of the season our range of orders currently equals an average production of										
	months										
Time span	Fime span of variable										
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000		
WEST											
EAST											
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		
WEST											
EAST											
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
WEST											
EAST											

III. Prices of construction No. Name Label Survey period Survey frequency West since 01/1991 East since 01/1991 2.14) bau_prvpm prices versus past monthly monthly Further information 01/1991 to 11/2001 Prices of construction compared to previous month Compared to previous month our prices of construction for new orders were mostly higher [1] unchanged [2] lower [3] 01/2002, 02/2002 During the last 2-3 months our prices of construction for new orders increased [1] stayed the same [2] decreased [3] 03/2002-06/2018 Compared to previous month our prices of construction for new orders has increased [1] not changed [2] decreased [3] Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2002 2003 2004 2006 2008 2010 2001 2005 2007 2009 WEST 2012 2014 2020 2013 2015 2016 2017 2018 2019 2011

No.	Name	Label	Survey period	Survey frequency
2.15)	bau_prcoco	prime costs covering	West since 01/1991 East since 01/1991	monthly monthly
01/1991 t				Further information Obtainable prices of construction
in the mo	more th	of construction obtained on the market were an prime costs covering [1] sts covering [2] he costs covering [3]		* for main construction trades ** prefabricated building construction







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

No.	Name	Label	Survey period	Survey frequency
2.18)	bau_statebus_sl	state of business (VAS)	West since 01/2017	monthly survey
			East since 01/2017	monthly survey

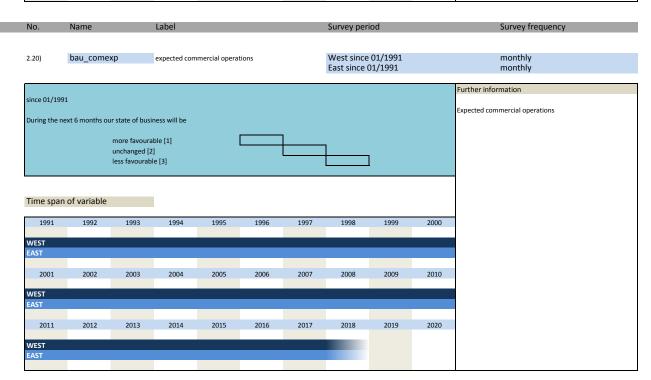


No.	Name	Label	Survey period	Survey frequency
2.19)	bau_statebus_clicks	state of business (clicks)	West since 01/2017 East since 01/2017	monthly survey monthly survey

Time span of variable

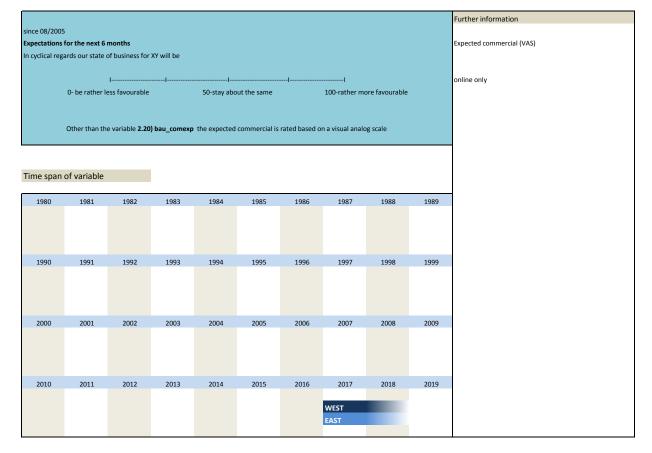
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Number of clicks for question
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2.18) bau_statebus_sl
										online only
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
							WEST			

EAST



No.	Name	Label	Survey period	Survey frequency
	h		Wt	
2.21)	bau_comexp_sl	expected commercial (VAS)	West since 01/2017	monthly survey
			East since 01/2017	monthly survey

Wording of question



2.22) bau_comexp_clicks expected commercial (clicks) West since 01/2017 monthly survey

East since 01/2017 monthly survey

Time span of variable

1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	Further information
										Number of clicks for question
1990	1991	1992	1993	1994	1995	1996	1997	1998		2.21) bau_comexp_sl
										online only
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
							WEST			
							EAST			

V. Utilization of capacity*

No. Name Label Survey period Survey frequency

2.23) bau_equiput2 equipment utilization in % West since 01/1991 monthly East since 01/1991 monthly

01/1991 to 11/2001

In the month under report the utilization of our equipment (full utilization customary for the company=100%) was on average about

30 40 50 60 70 75 80 85 90 95 100 more than 100%, in fact: all equipment*:

since 01/2001

Lately the capacity utilization of our machines (full capacity utilization customary for the company=100%) was on average about

all equipment*:

30)	40	50	60	70	75	80	85	90	95	100	more than 100%, in fact

Time span of variable

1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
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									

No. Name Label Survey period Survey frequency

2.24) bau_equiput1 equipment utilization (civil engineering) in % West since 01/1991 monthly East since 01/1991 monthly

01/1991 to 11/2001

In the month under report the utilization of our equipment (full utilization customary for the company=100%) was on average about

all equipment: 30 40 50 60 70 75 80 85 90 95 100 more than 100%, in fact: thereof:

Further information

Further information

Addition "all equipment" only in main construction

Capacity utilization

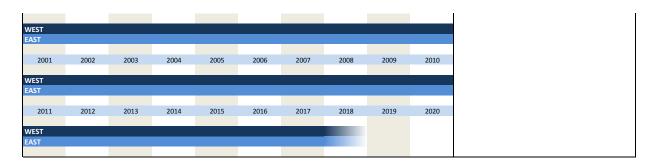
Capacity utilization in main construction trades

Distinguishing between civil engineering and building construction happens only in the main construction trades.

- for buil constru since 01/2002	iction	n of our	r machir	nes (ful	Lanaci	ity utili:	ration c	ustoma	ury for th	ne com	nnanv=1	00%) w	as			This question does not exist for the prefabricated building construction Since 04/2018 the information of bau_equiput1 is displayed for each sector of a company with different registered sectors. Till 04/2018 the information was only
on average at				ics (i.u.	Сарас	,		u3:01110	,		.pu., -	.0070, 11				displayed in one of the sectors of a company.
all equipme thereof: - for civil	ent: I engineering	30	40	50	60	70	75	80	85	90	95	100	more	than 100%, in fa	act:	
- for buil	lding															
Time span	of variable															
1991	1992	19	993	19	994	19	995	19	996	1	.997	19	998	1999	2000	
WEST EAST																
2001	2002	20	003	20	004	20	005	20	006	2	:007	20	800	2009	2010	
WEST																
2011	2012	20	013	20	014	20	015	20	016	2	017	20	018	2019	2020	
WEST																
ENST																

No.	Name		Label				Survey peri	od		Survey frequency
2.25)	bau_emple	exp	expected emp	loyees			West since			monthly
							East since (1/1991		monthly
										Further information
since 01/19	991									Expected development of the number of employe
During the	next 3-4 months t	the number of	our employees	s will be						Expected development of the number of employ
			increasing [1]	not ch	nanging [2]		decreasing [3]			
				1		1				
	in total									
										-
-										
Time spa	an of variable									
Time spa	an 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 WEST EAST	1992									
1991 WEST EAST		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST 2001	1992									
1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST EAST 2001	1992									
1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

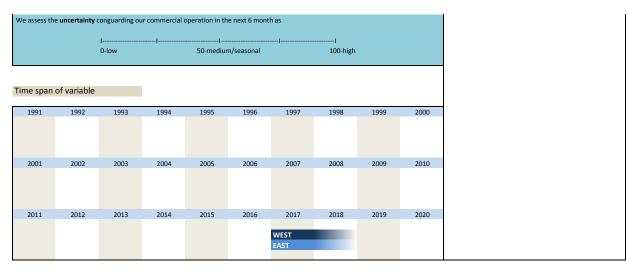
No.	Name		Label				Survey perio	d		Survey frequency
2.26)	bau_indwork		industrial workers	i			West since 0			monthly
							East since 01	/1991		monthly
										Further information
since 01/199	91									industrial workers
During the n	ext 3-4 months the	number o	f our employees wi	ll be						illustrial workers
			increasing [1]	not cha	nging [2]		decreasing [3]			
in to										
ther indu	reof ustrial workers			Г						
				_						
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
										•



No.	Name		Label				Survey perio	od		Survey frequency
2.27)	bau_emplo	у	employee				West since (East since 0			monthly monthly
since 01/199	91									Further information
During the r	next 3-4 months t	he number o	f our employees	will						employees
			increasing [1]	not ch	nanging [2]		decreasing [3]			
	otal reof ployees									
Time spar	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
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	_		_							

No.	Name		Label				Survey peri	iod		Survey frequency
	h						\\/	04 /4 004 0	C /2010	on a rath h
2.28)	bau_statill		status of empl	oyee's illness i	in %		West since			monthly
							East since ()1/1991-06,	/2018	monthly
										Further information
since 01/1991	- 06/2018									
										Illness absence rate
Currently of o	ur employees a	are sick:	%							
										Note.: Values in the Stata-files have to be divided by
										10 to get the correct percentage format (with decimal place).
Time span	of variable									eg.: for the value of 85 in the dataset applies: 8,5%
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	2015	2014	2013	2010	2017	2016	2019	2020	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
2.29)	bau_comexp_unc	uncertainty w.r.t. commercial operation	West since 07/2017 East since 07/2017	monthly monthly
since 07/2	2017			Further information Question was not posed in June and July 2018



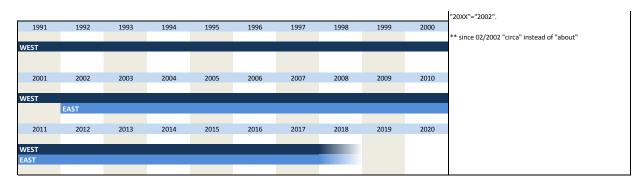
3. Special questions VII. Special questions**/remarks*** Survey frequency No. Name Label Survey period West 01/1991 - 01/2015 East 01/2002 - 01/2015 annual survey, January annual survey, January bau_backconst backlog of constructions 3.1) Wording of question Further information 01/1991 to 01/2001 Backlog 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". as much as last year [2] than end of 19/20YY** Example: 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 , more [1] "20YY"="2001". -than end of 20YY** as much as last year [2] less [3] Time span of variable 1992 1991 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST 2012 2014 2016 2018 2011 2013 2015 2017 2019 2020 WEST

	1101110	2000.	ou. re, periou	builtey inequency
3.2)	bau_subannsal	subcontractor: % of annual sales	West since 02/1991	annual survey, February
			East since 02/2002	annual survey, February
Wording	of question			
				Further information
since 02/19	991			
				Sales of subcontractors in percantage to the own
	subcontractors			annual sales
Of our annu	ual sales in 19/20XX* about	* % are accounted for by subcontractors		(for main construction trades)
				* "20XX" means last year
				· ·
_	n of variable			Example: If the question was posed in February 2003,

Survey period

Survey frequency

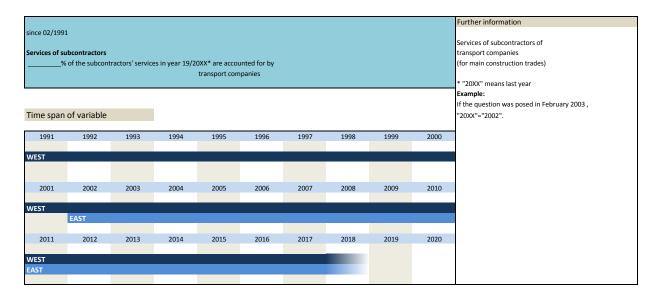
No Name



No.	Name		Label				Survey peri	iod		Survey frequency
3.3) Wording o	bau_subma	ain	subcontractor	: % for main co	ontract work		West since (annual survey, February annual survey, February
	ubcontractors 6 of the subcont	ractors' service			inted for by construction tr	rades				Further information Services of subcontractors of main construction trades (for main construction trades)
Time span	of variable									* "20XX" means last year Example: If the question was posed in February 2003 , "20XX"="2002".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
VEST										
2001 WEST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
VEST	EAST	_				_	_			
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										

	Name		Label				Survey per	iod		Survey frequency
.4)	bau subup	gr	subcontractor	: % for upgrad	ing work		West since	02/1991		annual survey, February
,		0			0		East since 02/2002			annual survey, February
Nording o	of question									
										Further information
ince 02/199)1									
	ubcontractors									Services of subcontractors of
	6 of the subcont	ractors' sonvice	os in voar 19/2	1XX* are accou	inted for hy					upgrading work (for main construction trades)
	o or the subcome	ractors screece		firms of upgra						(for main construction trades)
										* "20XX" means last year
										Example:
										If the question was posed in February 2003,
ime span	of variable									"20XX"="2002".
										2002 :
1991	1992	1993	199/	1995	1996	1997	1998	1999	2000	2002 :
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2002
	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	1992	1993	1994	1995	1996	1997	1998	1999	2000	
VEST										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST 2001										
WEST										
VEST 2001	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	
VEST 2001	2002									
2001 WEST	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.5)	bau_subtrans	subcontractor: % for transport company	West since 02/1991	annual survey, February
			East since 02/2002	annual survey, February
Wordin	g of question			



	Name		Label				Survey per	iod		Survey frequency		
3.6)	bau_subre	ba	subcontractor	: % for reinfor	cing bars			991 - 02/20		annual survey, February		
			•				East 02/20	02 - 02/201	.5	annual survey, February		
Wording	of question											
										Further information		
since 02/19	91											
										Services of subcontractors of		
	subcontractors % of the subcont	ractord comic	os in voor 10/2	0vv* ara accar	untad for hy					bending and laying of reinforcing steel (for main construction trades)		
	% of the subcont	iractors servic			laying of reinfo	rcing steel				(10) main construction trades)		
				a a sing a na i						* "20XX" means last year		
										Example:		
_										If the question was posed in February 2003 ,		
Time spai	n of variable									"20XX"="2002".		
1991	1992	1993	199/	1995	1996	1997	1998	1999	2000			
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000			
1991 WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000			
	1992	1993	1994	1995	1996	1997	1998	1999	2000			
WEST												
	1992	1993	1994	1995	1996	1997	1998	1999	2000			
WEST												
WEST 2001												
WEST 2001	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010			
WEST 2001	2002											
WEST 2001	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010			
2001 WEST 2011	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010			

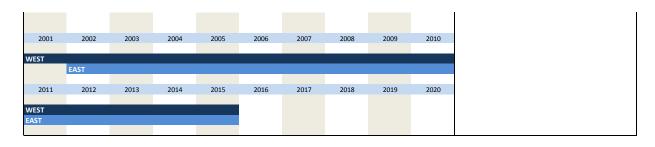
No.	Name		Label				Survey per	riod		Survey frequency
3.7)	bau_subfo	wo	subcontractor	r: % for formwo	ork		West 02/1991 - 02/2015			annual survey, February
Mording	of question						East 02/20	002 - 02/201	5	annual survey, February
wording	oi question									
										Further information
since 02/199	91									Services of subcontractors of
Services of	subcontractors									formwork/ scaffolding
	% of the subcont	ractors' servic								(for main construction trades)
				formwork/ sca	attolding					* "20XX" means last year
										Example:
Time snor	n of wariable									
Time spar	n of variable									If the question was posed in February 2003 , "20XX"="2002".
Time spar	n of variable	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 WEST	1992									
		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992									
1991 WEST	1992									
1991 WEST	1992									
1991 WEST 2001 WEST	1992 2002	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
3.8)	bau subdiv	/	subcontractor	: % for other c	ompanies		West since	02/1991		annual survey, February
	_						East since (02/2002		annual survey, February
Wording o	of question									
										Further information
since 02/199	1									
										Services of subcontractors of
	ubcontractors									other companies
%	of the subcont	ractors' service								(for main construction trades)
				other compar	nies					* "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	2005	2006	2007	2008	2009	2010	
WEST										
WEST	EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST							_			
EAST										
										<u> </u>

No.	Name		Label				Survey per	ioa		Survey frequency	
3.9)	bau_subfor		% for foreign	ubcontractors			West since	02/1996		annual survey, February	
,	_		· ·				East since 02/2002			annual survey, February	
Wording o	f question										
										Further information	
since 02/1991	1									Control of Control of Control	
Services of su										Services of foreign subcontractors	
	ibcontractors in	total: 100%								(for main construction trades)	
Services of Su	ibconti actors III	total. 100%.	thereof: service	es of foreign s	uhcontractors	circa	%			* "20XX" means last year	
			thereon, service	.cs or foreign :	abconti actors	circu				Example:	
										If the question was posed in February 2003 ,	
										"20XX"="2002".	
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										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020		
MECT											
WEST											
EAST											

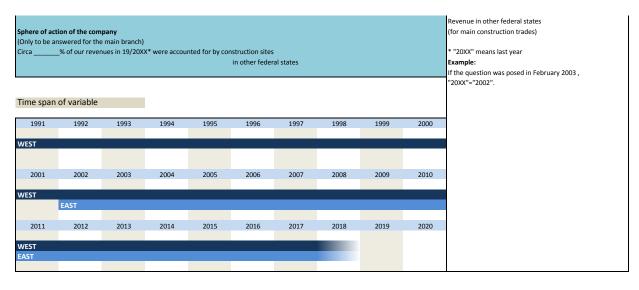
East 02/2002 - 02/2015 annual survey, February Wording of question Further information Undocumented constructions (for main constructions trades) The value of work completed but not yet documented as revenue (for the reporting in the building industry) was 31.12.19/20XX circa	No.	Name		Label				Survey perio	bc	Survey frequency
ince 02/1991 Constructions not yet captured statistically Constructions not yet captured statistically Constructions not yet captured statistically State value of work completed but not yet documented as revenue (for the reporting in the building industry) was 31.12.19/20XX circa	,	_	5	% of undocum	ented construc	ctions				annual survey, February annual survey, February
"20xx"="2002". Time span of variable	since 02/19	91								
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	The value of	f work completed bu	ut not yet do _%	cumented as			the building in	dustry) was		(for main construction trades) * "20XX" means last year Example:
	The value of 31.12.19/20	f work completed bu OXX circa	ut not yet do _%	cumented as			the building in	dustry) was		(for main construction trades) * "20XX" means last year Example: If the question was posed in February 2003,



No.	Name		Label				Survey per	iod		Survey frequency
3.11)	bau_sphadi	S	sphere of action	n: % in same	district		West since	02/1991		annual survey, February
							East since	02/2002		annual survey, February
Wording o	f question									
										Further information
since 02/1991	1									
										Revenue in the same administrative district
	ion of the comp									(for main construction trades)
	nswered for the		,*							* 2000/
Circa	_% of our reven	ues III 19/20X)	were accour		in the same a		lictrict			* "20XX" means last year Example:
					iii uie saille at	anninstrative t	aisti ict			If the question was posed in February 2003 ,
										"20XX"="2002".
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										
WEST	EAST									
		2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011		2013	2014	2015	2016	2017	2018	2019	2020	
		2013	2014	2015	2016	2017	2018	2019	2020	

No.	Name		Label Survey period							Survey frequency
3.12)	bau_sphas	fs	sphere of action	on: % in same	federal state		West since			annual survey, February
14/							East since	02/2002		annual survey, February
wording	g of question									
										Further information
since 02/1	991									
										Revenue in the same federal state
-	action of the com answered for the		(for main construction trades)							
	of our rever			nted for by co	struction sites					* "20XX" means last year
Circu		1005 111 157 2070			cts but in the s		ate			Example:
										If the question was posed in February 2003 ,
										"20XX"="2002".
-										
Time spa	an of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	-
1331	1332	1993	1334	1993	1990	1337	1330	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
WEST	EAST									
	LAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No.	Name	Label	Survey period	Survey frequency
3.13)	bau_sphaofs	sphere of action: % in other federal state	West since 02/1991	annual survey, February
Wording	g of question		East since 02/2002	annual survey, February
wording	ig of question			
				Further information
since 02/1	1991			



	Name		Label				Survey per	iod		Survey frequency
3.14)	bau_sphafo		sphere of action	on: % in foreig	n country		West since 02/1991			annual survey, February
!!							East since	02/2002		annual survey, February
Wording	of question									
										Further information
since 02/19	91									
C.1										Revenue in foreign countries (for main construction trades)
	ction of the comp answered for the									(for main construction trades)
	% of our reven			nted for by cor	nstruction sites	;				* "20XX" means last year
					in foreign cou	intries				Example:
										If the question was posed in February 2003 , "20XX"="2002".
										2000 - 2002 .
Time spa	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST		1993	1994	1995	1996	1997	1998	1999	2000	
WEST	1992									
		1993	1994	1995	1996	1997	1998	1999	2000	
WEST	1992									
WEST 2001	1992									
WEST 2001	1992 2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2001	1992									
WEST 2001	1992 2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	
2001 WEST 2011	1992 2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	

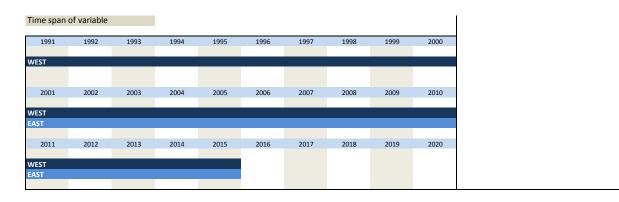
No.	Name		Label			Survey period		Survey frequency
3.15)	bau_witiwo	oth	wintertime: work	through		West 03/199: East 11/2001		March, November March, November
Wording	of question							
	struction ough orders and a			rk through with full work	force in winter (19XX/19YY*) 20X	X/20YY*	Further information Wintertime: work through (for main construction trades)
- except for	the officially reco	yes [1]	of bad weather.	no [2]				* Example: If the question was posed in March 2004, "20WW/20VV" = "2003/2004"
since 03/20	002							
Winter con We had end		ın appropria	te equipment to wo	rk through with full work	force in winter (19XX/19YY*) 20X	X/20YY*	
		yes [1]		no [2]				
Time spa	n of variable							
Time spa	n of variable	1993	1994	1995 1996	1997	1998	1999 2000	

1										
200	01 20	02	2003	2004	2005	2006	2007	2008	2009	2010
WEST										
EAST										
201	11 20	12	2013	2014	2015	2016	2017	2018	2019	2020
WEST										
EAST										

							our rey per			burrey rrequeries
3.16)	bau_witilo		wintertime: la	ck of orders				991 - 11/201		March, November
							East 11/20	01 - 11/2015		March, November
Wording of	question									
										Further information
03/1991 to 11	/2001									Winter construction: lack of orders
Winter constr	uction									(for main construction trades)
	gh orders and a				with full workf	orce in winter	(19XX/19YY*)	20XX/20YY*		
	e officially reco	ognized days o	f bad weather.							* Example:
If no: The necessity	of the layoff wa	as mainly due	to							The question was posed in March 2004 , then "20WW/20VV" = "2003/2004"
,		,								
		lack of orders	[1]							
since 03/2002										
Winter constr	uction									
	gh orders and a	n appropriate	equipment to	work through	with full workf	orce in winter	(19XX/19YY*)	20XX/20YY*		
15										
If no: The necessity	of the layoffs/ s	short-time wo	rk was mainly o	due to						
,										
		lack of orders	[1]							
Time span	of variable									
Time span	OI VAIIADIE									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										

2004	2002	2002	2004	2005	2005	2007	2000	2000	2040	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										
LAST										

	Name	Label	Survey period	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			
03/1991 to :				Further information Winter construction: reasons of construction
- except for If no:			nter (19XX/19YY*) 20XX/20YY*	(for main construction trades) * Example: The question was posed in March 2004 , then "20WW/20VV" = "2003/2004"
	reasons of c	construction [1]		
since 03/200	02			
Winter cons We had eno		te equipment to work through with full workforce in wi	nter (19XX/19YY*) 20XX/20YY*	
If no: The necessit	ty of the layoffs/ short-time v	vork was mainly due to		
	reasons of c	construction [1]		



March, November annual survey, November annual surve	No.	Name Label Survey period								Survey frequency	
Working of question West 11/1996 - 11/2015 annual survey, November East 11/2001 - 11/2015 annual survey, November annual surv											
Working of question West 11/1996 - 11/2015 annual survey, November East 11/2001 - 11/2015 annual survey, November annual surv	3 18)	hau witinw	,	wintertime: nr	eference of w	orkers		West 03/1	991 to 11/19	995	March November
Wording of question East 11/2001 - 11/2015 annual survey, November B3/1991 to 11/1995 Winter construction The personal attitude of our workers regarding winter construction, if known: when they have the choice then most wokers prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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 22011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST	5.10)	bud_inc.pii		······c· cime. pi	crerence or 	OTRETS					
O3/1991 to 11/1995 Winter construction The personal attitude of our workers regarding winter construction, if known: when they have the choice then most wokers prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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 WIST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST	Wording of	f question									
Winter construction The personal attitude of our workers regarding winter construction, if known: when they have the choice then most wokers prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] Since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST											
Winter construction The personal attitude of our workers regarding winter construction, if known: when they have the choice then most wokers prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST											Further information
Winter construction The personal attitude of our workers regarding winter construction, if known: when they have the choice then most workers prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] Time span of variable 1991	03/1991 to 11	./1995									Winter construction, profesonse of workers
The personal attitude of our workers regarding winter construction, if known: when they have the choice then most wokers prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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	Winter const	ruction									
winter-break-pay without working [1] working by normal pay plus winter-pay [2] since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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			workers regard	ling winter cor	struction, if k	nown: when th	ey have the ch	oice then			,
working by normal pay plus winter-pay [2] since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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	most wokers	prefer									
working by normal pay plus winter-pay [2] since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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											
working by normal pay plus winter-pay [2] since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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		tore the section		dra fal				1			
Since 03/1996 Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1]											
Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST			pa , p.us v	c. pu, [2]							
Winter construction The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [2] Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST											
The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1]	since 03/1996	i									
The personal attitude of our workers regarding winter construction, if known: if they had the choice, most workers would prefer winter-break-pay without working [1]											
most workers would prefer winter-break-pay without working [1] working by normal pay plus winter-pay [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			workers regard	ling winter con	struction if k	naveni if thav k	ad the choice				
winter-break-pay without working [1] working by normal pay plus winter-pay [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			workers regard	iiiig wiiitei coi	istruction, ii ki	iowii. ii tiley i	iau trie tribite,				
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	most workers	would prefer									
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								_			
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											
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		working by no	rmal pay plus v	vinter-pay [2]							
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											
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											
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	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											
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	M/EST										
WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST	WEST										
WEST EAST 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	EAST										
WEST	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
	2011	2012	2013	2014	2013	2010	2017	2010	2013	2020	
EAST	WEST										
	EAST										

NO.	name	vame Labei					Survey period Survey frequency			Survey frequency
3.19)	bau_flight_g	ger	importance of	flight connect	ions in Germa	ny	West 03/2	013		once
							East 03/20	13		once
Wording o	of question									
										Further information
03/2013										
	. , ,									Importance of flight connections to destinations in Germany
Special quest	tion (once) int for your comp	any is a flight	t connection to	doctinations i	0					
now iiiiporta	int for your comp	ally is a flight	t connection to	uestiliations i						
			very	important	less	unimportant				
			important	iiiiportant	important	unimportant				
			[1]	[2]	[3]	[4]				
	Germ	any								
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
										l

1										
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
			WEST							
			EAST							

	Name	Name Label Survey period					bc		Survey frequency	
.20)	bau_flight	_eur	importance of	flight connecti	ons in Europe		West 03/20			once
\/l!	-fti						East 03/201	.3		once
voraing	of question									
										Further information
3/2013										
pecial que	stion (once)									Importance of flight connections to destinations in Euro
ow import	ant for your con	npany is a fligh								
			very		less					
			important	important	important	unimportant				
	E	ope	[1]	[2]	[3]	[4]				
	Eui	ope								
ima cna	n of variable									
ппс зра	TOT VARIABLE									
1991	1992									
		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002									
2001	2002									
		2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002									
		2003 2013 WEST	2004	2005	2006	2007	2008	2009	2010	
		2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.21)	bau_flight_world	importance of flight connections worldwide	West 03/2013	once
			East 03/2013	once
Wording o	f question			

Further information 03/2013

WEST EAST

Special quest How importa	ion (once) nt for your com	npany is a fligh	t connection to	destinations						Importance of flight connections to destinations worldwide
	world	dwide	very important [1]	important [2]	less important [3]	unimportant [4]				
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	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

West 09/1996 - 09/1999 West since 04/2000 East since 09/2001 September April, September April, September

Wording of question

										Further information
since 05/1991	l									
										Cancellation of orders
Special difficu										(for main construction trades)
During the las	st 6 months the	following prol	olems bothere	d us:						
		cancellation o	f orders [1]							
-: 00/2016	_									
since 09/2016	•									
special difficu	ultion									
	any problems o	during the last	6 Months 2							
Did you have	any problems (auring the last	O IVIOIILIIS:							
yes, namely:										
, co, namer,		cancellation o	f orders [1]							
							ll en			
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	
MECT										
WEST EAST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2015	2014	2013	2010	2017	2010	2019	2020	
WEST										
EAST										

No.	Name		Label				Survey per	iod		Survey frequency
3.23)	bau sddp		special difficu	lties: defaultin	g payment		West 05/1	991 to 09/19	995	May, September
					. ,		West since			September
							West since			April, September
Wording o	of question						East since	09/2001		April, September
										Further information
since 05/199	1									Further information
	=									Defaulting payment of contractees
Special diffic	ulties									(for main construction trades)
During the la	st 6 months the	following prol	blems bothere	d us:						
		1.6. 10					1			
		defaulting pay	yment of contri	actees [1]						
since 09/201	6									
special diffic	ulties any problems (during the last	6 Months?							
Dia you nave	any problems	uuring the last	O IVIOITUIS:							
yes, namely:										
		defaulting pay	yment of contr	actees [1]						
Time span	of variable									
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	
WEST										
EAST										

INO.	Ivairie	Lanei	Survey periou	Survey frequency	
3.24)	bau_sdlap	special difficulties: labor piracy of manpower	West 05/1991 to 09/1995	May, September	
			West since 09/1996	September	
			West since 04/2000	April, September	
Wording	g of question		East since 09/2001	April, September	

										Further information
since 05/1991										labor piracy of manpower
Special difficu	lties									(for main construction trades)
During the last	6 months the	following pro	blems bothered	l us:						
		labor piracy o	f manpower [1]							
		,, -								
since 09/2016										
3.1100 03/2010										
special difficul			C Manatha 2							
Did you have a	my problems (uning the last	o ivionuis?							
yes, namely:										
		labor piracy o	f manpower [1]							
Time span o	of variable									
Time span c	or 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	2004	2003	2000	2007	2000	2003	2010	
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No. Name

No.	Name		Label				Survey per	iod		Survey frequency
3.25)	bau_sdbrea	ach	special difficul	ties: breach of	VOB-condition	ns		991 to 09/19		May, September
								996 - 09/199	99	September
							West since			April, September
Wording o	of question						East since	09/2001		April, September
										Further information
since 05/199	1									
Special diffic										Breach of VOB-conditions
•	uities st 6 months the	following prob	olems bothere	d us:						(for main construction trades)
										since 2006: bau_sdbreach = 1, if one of the dependend
		Breach of VOE	3-conditions [1]							Questions (bau_sdcc, bau_sdda, bau_sdlop) is equal to 1
since 09/2010	6									
SIIICE 09/2010	0									
special diffici	ulties									
Did you have	any problems of	luring the last	6 Months?							
yes, namely:		Breach of VOE	3-conditions [1]				1			
		Dicacii di VOL	conditions [1]							
Time snan	of variable									
rime span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST 2001										
WEST 2001										
WEST 2001 WEST EAST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2001										
WEST 2001 WEST EAST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2001 WEST EAST 2011	2002	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.26) Wording	bau_sdcc of question	special difficulties: constraints to construction	West since 09/1999 East since 09/2001 West since 04/2000	September April, September April, September
since 04/19	996			Further information Constraints to production

Special difficu		. 6.11								(for main construction trades)
During the las	st 6 months the	e following pro	blems bothere	d us:						
	Breach of VO	B-conditions								
		among these: Constraints to	production ca	used by the co	ontractee [1]			I		
since 09/2016	5									
special difficu Did you have a		during the last	6 Months?							
yes, namely:		Breach of VO	3-conditions							
			among these: Constraints to		used by the co	ontractee [1]]	
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										

	Name		Label				Survey per	riod		Survey frequency
3.27) Wording	bau_sdda of question		special difficul	ties: delay of fi	inal acceptanc	ce	West since East since West since	09/2001		September April, September April, September
										Further information
since 04/19	996									
Special diff	iculties									Delay of final acceptance (for main construction trades)
During the	last 6 months the	following prob	olems bothered	l us:						
	Breach of VO	3-conditions		[]				
		among these:								
			acceptance cau	sed by the con	tractee [1]			I		
since 09/20	016									
special diff	iculties									
-										
-	ve any problems (during the last (6 Months?							
-	ve any problems (Ī			
Did you hav	ve any problems (Breach of VOB	3-conditions				l			
Did you hav	ve any problems (Breach of VOB	3-conditions among these:		ised by the coin	ntractee [1]	l		1	
Did you hav	ve any problems (Breach of VOB	3-conditions		ised by the cor	ntractee [1]]	
Did you hav	ve any problems (Breach of VOB	3-conditions among these:		ised by the cor	ntractee [1]]	
Did you hav	ve any problems (Breach of VOB	3-conditions among these:		ised by the cor	ntractee [1]]	
Did you hav	ve any problems (Breach of VOB	3-conditions among these:		ised by the cor 1996	ntractee [1]	1998	1999	2000	
Did you have yes, namely	ve any problems of y:	Breach of VOB	among these: delay of final a	cceptance cau			1998	1999 WEST	2000	
Did you have yes, namely	ve any problems of y:	Breach of VOB	among these: delay of final a	cceptance cau			1998		2000	
Did you have yes, namely	ve any problems of y:	Breach of VOB	among these: delay of final a	cceptance cau			1998		2000	
Time spa	ve any problems of yr: un of variable 1992	Breach of VOB	among these: delay of final a	1995	1996	1997		WEST		
Did you hav	ve any problems of yr: un of variable 1992	Breach of VOB	among these: delay of final a	1995	1996	1997		WEST		
Time spa 1991 2001 WEST EAST	or any problems of the state of	1993 2003	among these: delay of final a 1994	1995 2005	1996	1997	2008	WEST 2009	2010	
Time spa 1991 2001 WEST EAST 2011	ve any problems of yr: un of variable 1992	Breach of VOB	among these: delay of final a	1995	1996	1997		WEST		
Time spa 1991 2001 WEST EAST	or any problems of the state of	1993 2003	among these: delay of final a 1994	1995 2005	1996	1997	2008	WEST 2009	2010	

3.28)	bau_salop)	special difficu price	Ities: accepting	the bid by the	e lowest	East since			September April, September
Wording	of question		price				West since			April, September
	0. 4000000							,		,,
										Further information
since 04/19	996									
Special diff	iculties last 6 months th	e following pro	hlems hothere	d us:						Accepting the bid by the lowest price (for main construction trades)
8										
	Breach of VO	B-conditions								
		among these						_		
		Accepting the most profital	e bid by the low	est price and r	ot the			1		
		most prontat	oie orier [1]							
since 09/20	116									
Since 03/20	,10									
special diff										
Did you hav	ve any problems	during the last	t 6 Months?							
yes, namely	y:	D					7			
		Breach of VO	B-conditions							
			among these:							
			Accepting the most profitab		est price and	not the				
			most prontab	ie olier [1]						
Time sna	n of variable									
Time spa	or 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		2011		2010	2017		2023	2020	
WEST										
EAST										
										ı

No.	Name		Label				Survey per	iod		Survey frequency
3.29)	bau sdnop	oro	special difficul	Ities: no severe	e problems		West 05/1	991 to 09/1	995	May, September
							West since	09/1996		September
							West since			April, September
Wording	of question						East since	09/2001		April, September
										Further information
since 05/19	91									rartie mornation
										No severe problems
Special diff	iculties									(for main construction trades)
During the	last 6 months the	e following pro	blems bothered	d us:						
			hlassa [4]				1			Since 04/2010 this proceeding is near the latest
		no severe pro	ibiems [1]				J			Since 04/2018 this question is generated by ba
since 09/20	16									
special diff										
	iculties ve any problems	during the last	6 Months?							
			6 Months?				1			
		during the last	6 Months?]			
			6 Months?]			
			6 Months?]			
Did you hav			6 Months?]			
Did you hav	n of variable	No [1]		1005	1006	1007	1000	1000	2000	
Did you hav	e any problems		6 Months?	1995	1996	1997	1998	1999	2000	
Did you hav	n of variable	No [1]		1995	1996	1997	1998	1999	2000	
Time spa	n of variable	No [1]		1995	1996	1997	1998	1999	2000	
Time spa	n of variable	No [1]	1994							
Time spa	n of variable	No [1]		1995	1996	1997	1998	1999	2000	
Time spa 1991 WEST	n of variable	No [1]	1994							
Time spa 1991 WEST 2001	n of variable	No [1]	1994							
Time spa 1991 WEST	n of variable	No [1]	1994							
Time spa 1991 WEST 2001	n of variable	No [1]	1994							
Time spa 1991 WEST 2001 WEST EAST 2011	n of variable 1992 2002	No [1]	1994	2005	2006	2007	2008	2009	2010	
Time spa 1991 WEST 2001 WEST EAST	n of variable 1992 2002	No [1]	1994	2005	2006	2007	2008	2009	2010	

			Label				Survey per	iod		Survey frequency
3.30)	bau_wh1		working hour	s: payment of o	overtime		West 04/19	991 to 04/1	995	annual survey, April
Wording o	of question									
04/1991 to 0	14/1905									Further information
	of working hours									Payment of overtime
	y occasionally pa		working hours	(not actually c	arried out wor	rk) for good w	ork,			
uaver unies		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	
										l
No.	Name		Label				Survey per	iod		Survey frequency
3.31)	bau_wh2		working hour	s: developmen	+		West 04/19	991 to 04/1	995	annual survey, April
	of question		working nour	s. developmen	·		WC3t 04/1.	551 to 04/1	<i>333</i>	aiiilaai sui vey, Aprii
Wording	or question									Further information
	04/1995									Development of additional working hours
Allowance o Our compan travel times	of working hours y occasionally pa and other reason ared to 19YY the	ays additional ns. If yes:				rk) for good w	ork,			Development of additional working hours * Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991"
Allowance o Our compan travel times	of working hours y occasionally pa and other reason	ays additional ns. If yes:		wed hours has 2]		rk) for good w	ork,	l		* Example The question was posed in April 1993 ,
Allowance o Our companitravel times 19XX* comp	of working hours o occasionally pa and other reason ared to 19YY the	ays additional ns. If yes:	dditionally allov increased [1] not changed [wed hours has 2]		rk) for good w	ork,	1		* Example The question was posed in April 1993 ,
Allowance o Our companitravel times 19XX* comp	of working hours y occasionally pa and other reason	ays additional ns. If yes:	dditionally allov increased [1] not changed [wed hours has 2]		rk) for good w	1998	1999	2000	* Example The question was posed in April 1993 ,
Allowance o Our compan travel times 19XX* comp	of working hours of variable	ays additional ns. If yes: e number of a	dditionally allov increased [1] not changed [decreased [3]	wed hours has				1999	2000	* Example The question was posed in April 1993 ,
Allowance o Our compan travel times 19XX* comp	of working hours of variable	ays additional ns. If yes: e number of a	dditionally allov increased [1] not changed [decreased [3]	wed hours has				1999	2000	* Example The question was posed in April 1993 ,
Allowance o Our compan travel times 19XX* comp	of working hours of variable	ays additional ns. If yes: e number of a	dditionally allov increased [1] not changed [decreased [3]	wed hours has				1999	2000	* Example The question was posed in April 1993 ,
Allowance of Our compan travel times 19XX* comp Time spar 1991 WEST	of working hours of occasionally pa and other reason ared to 19YY the of variable 1992	ays additional ns. If yes: number of a	increased [1] not changed [decreased [3]	wed hours has 2] 1995	1996	1997	1998			* Example The question was posed in April 1993 ,
Allowance of Our compan travel times 19XX* comp Time spar 1991 WEST	of working hours of variable 1992	ays additional ns. If yes: number of a	increased [1] not changed [decreased [3]	wed hours has 2] 1995	1996	1997	1998			* Example The question was posed in April 1993 ,
Allowance o Our compan travel times 19XX* comp Time spar 1991 WEST	of working hours of variable 1992 2002	ays additional ns. If yes: e number of a 1993	increased [1] not changed [decreased [3] 1994	1995 2005	1996	1997	1998	2009	2010	* Example The question was posed in April 1993 ,
Allowance o Our compan travel times 19XX* comp Time spar 1991 WEST	of working hours of variable 1992 2002	ays additional ns. If yes: e number of a 1993	increased [1] not changed [decreased [3] 1994	1995 2005	1996	1997	1998	2009	2010	* Example The question was posed in April 1993 ,
Allowance of Our compan travel times 19XX* comp Time spar 1991 WEST 2001	of working hours of variable 1992 2002	ays additional ns. If yes: e number of a 1993	increased [1] not changed [decreased [3] 1994 2004	1995 2005	1996	1997	1998 2008 2018	2009	2010	* Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991"
Allowance o Our compan travel times 19XX* comp Time spar 1991 WEST	of working hours of variable 1992 2002	ays additional ns. If yes: e number of a 1993	increased [1] not changed [decreased [3] 1994	1995 2005	1996	1997	1998	2009	2010	* Example The question was posed in April 1993 ,
Allowance of Our compan travel times 19XX* comp Time spar 1991 WEST 2001	of working hours of variable 1992 2002	ays additional ns. If yes: e number of a 1993	increased [1] not changed [decreased [3]] 1994 2004 Label	1995 2005	1996 2006	1997	1998 2008 2018	2009 2019 iod	2010	* Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991"
Allowance o Our compan travel times 19XX* comp Time spar 1991 WEST 2001 No. 3.32)	of working hours y occasionally pa and other reason ared to 19YY the n of variable 1992 2002 2012	ays additional ns. If yes: e number of a 1993	increased [1] not changed [decreased [3]] 1994 2004 Label	1995 2005 2015	1996 2006	1997	1998 2008 2018	2009 2019 iod	2010	* Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991" Survey frequency
Allowance o Our compan travel times 19XX* comp Time spar 1991 WEST 2001 No. 3.32)	of working hours y occasionally pa and other reason ared to 19YY the the of variable 1992 2002 2012 Name bau_wh3 of question	ays additional ns. If yes: e number of a 1993	increased [1] not changed [decreased [3]] 1994 2004 Label	1995 2005 2015	1996 2006	1997	1998 2008 2018	2009 2019 iod	2010	* Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991" Survey frequency
Allowance o Our compan travel times 19XX* comp Time spar 1991 WEST 2001 No. 3.32) Wording o 04/1991 to 0 Allowance o	of working hours and other reason ared to 19YY the an of variable 1992 2002 2012 Name bau_wh3 of question 04/1995 f working hours	ays additional ns. If yes: In number of a second se	increased [1] not changed [decreased [3]] 1994 2004 2014 Label working hours	1995 2005 2015	1996 2006 2016	1997	1998 2008 2018 Survey per West 04/19	2009 2019 iod	2010	* Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991" Survey frequency annual survey, April
Allowance o Our compan travel times 19XX* comp Time spar 1991 WEST 2001 2011 No. 3.32) Wording o Our compan Our compan	of working hours y occasionally pa and other reason ared to 19YY the n of variable 1992 2002 2012 Name bau_wh3 of question	ays additional ns. If yes: enumber of a second seco	increased [1] not changed [decreased [3]] 1994 2004 2014 Label working hours	1995 2005 2015	1996 2006 2016	1997	1998 2008 2018 Survey per West 04/19	2009 2019 iod	2010	* Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991" Survey frequency annual survey, April Further information Additional working hours in t-1 * Example The question was posed in April 1993 ,
Allowance o Our compan travel times 19XX* comp Time spar 1991 WEST 2001 No. 3.32) Wording o Our compan travel times	n of variable 1992 2002 Name bau_wh3 of question 194/1995 of working hours y occasionally pa	ays additional ns. If yes: Inumber of a service of a serv	increased [1] not changed [decreased [3]] 1994 2004 2014 Label working hours	1995 2005 2015 contactually con	1996 2006 2016	1997	1998 2008 2018 Survey per West 04/19	2009 2019 iod	2010	* Example The question was posed in April 1993 , "19XX=1992" and ""19YY=1991" Survey frequency annual survey, April Further information Additional working hours in t-1 * Example

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

No.	Name		Label				Survey per	iod		Survey frequency
3.33)	bau_wh4		working hours: number in t-2 West 04/1991 to 04/1995							annual survey, April
Wording o	f question									
										Further information
04/1991 to 04	1/1995									Additionally allowed hours in t-2
Allowance of	working hours	;								Additionally allowed flours in t-2
	occasionally p		working hours	(not actually ca	arried out wor	k) for good wo	ork,			* Example
travel times a	nd other reaso	ns. If yes:								The question was posed in April 1993,
Th				.:						"19XX=1992" and ""19YY=1991"
ine snare of t	the additionally	allowed nours	s to the total pa	aid nours was:						
			about	% in 19YY						
										1
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
NEST										
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 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 bau_chord1 3.34) range of orders within next 2 months: complete Wording of question Further information 05/1991 to 05/1995, since 05/2000 Development of the range of orders in 2 months Expected development of the range of orders

Because of current requests, submission results and contract negotiations, during the next two months we expect (for main construction trades) our range of orders to be increasing [1] not changing [2] decreasing [3] Time span of variable 1993 1994 1995 1997 1999 1991 1992 1996 1998 2000 WEST WEST 2001 2002 2003 2004 2005 2007 2010 WEST 2018 2011 2012 2013 2014 2015 2016 2017 2019 2020 WEST

3.35) bau_chord2 range of orders within next 2 months: West 05/1996 to 05/1999 annual survey, May other civil engineering 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 other civil engineering Because of current requests, submission results and contract negotiations, during the next two months we expect our range of orders to be other civil engineering increasing [1] not changing [2] decreasing [3]

1998

2008

1999

2009

2000

2010

Time span of variable

1991 1992 1993 1994 1995 1996 1997

WEST

2004

public civil engineering

2005

2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

2007

2006

No. Name Label Survey period Survey frequency

3.36) bau_chord3 range of orders within next 2 months: West 05/1996 to 05/1999 annual survey, May

Wording of question

2002

2001

2003

D5/1996 to 05/1999

Expected development of the range of orders

Because of current requests, submission results and contract negotiations, during the next two months we expect our range of orders to be

public civil engineering

increasing [1]

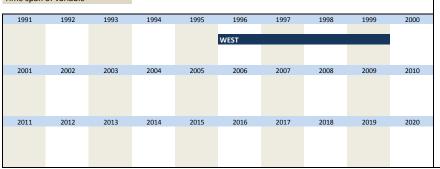
not changing [2]

decreasing [3]

Development of the range of orders in 2 months: public civil engineering

Further information

Time span of variable



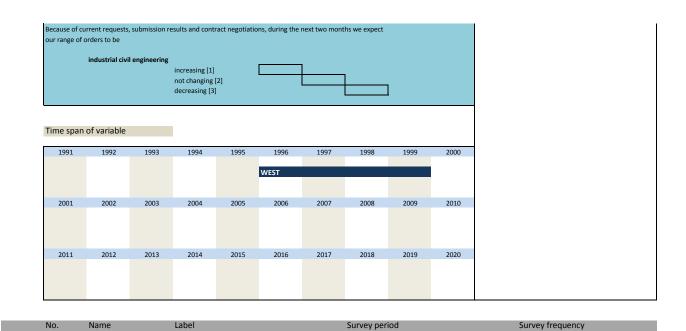
No. Name Label Survey period Survey frequency

3.37) bau_chord4 range of orders within next 2 months: West 05/1996 to 05/1999 annual survey, May industrial civil engineering

Further information

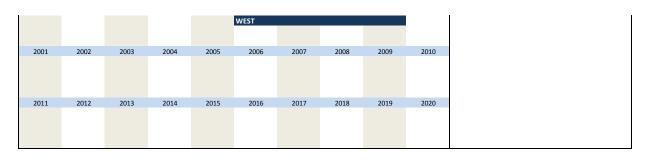
05/1996 to 05/1999

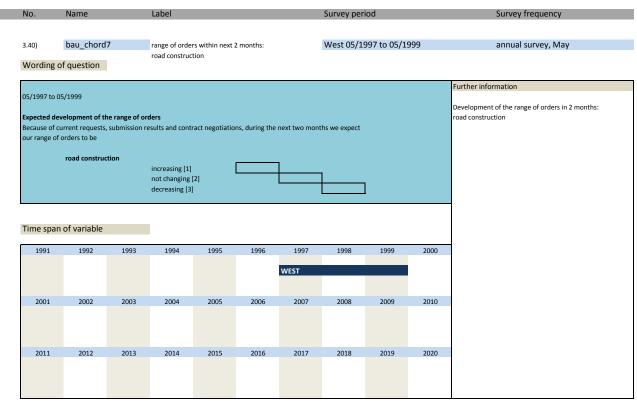
Development of the range of orders in 2 months: industrial civil engineering



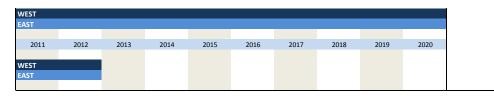
3.38) Wording o	bau_chords		range of order domestic cons				999	annual survey, May		
	velopment of th urrent requests,	_		act negotiation	ns, during the	next two mont	hs we expect			Further information Development of the range of orders in 2 months: total residential construction
Time span	total residenti		n increasing [1] not changing [decreasing [3]	2]						
1991	1992	1993	1994	1995	1996 WEST	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

NO.	Name	Labei			Survey per	100		Survey frequency
3.39)	bau_chord6	range of order	s within next 2 mont	s: domestic	West 05/19	996 to 05/19	999	annual survey, May
		construction: b	uildings of 3 or more	appartments				
Wording of	fquestion							
								Further information
05/1996 to 05,	/1999							Turther information
,,	,							Development of the range of orders in 2 months:
Expected deve	elopment of the ra	nge of orders						Buildings with 3 or more apartments
Because of cur	rrent requests, subr	nission results and contr	act negotiations, duri	ng the next two mo	nths we expect			
our range of o	rders to be							
	3 or more apartme	ction, thereof buildings	with					
	5 or more apartine	increasing [1]						
		not changing [21					
		decreasing [3]						
		• • • • • • • • • • • • • • • • • • • •						
- ·								
Time span o	or variable							
1991	1992	1993 1994	1995 19	96 1997	1998	1999	2000	
1991	1332	1994	1999 1	1997	1990	1999	2000	
								1





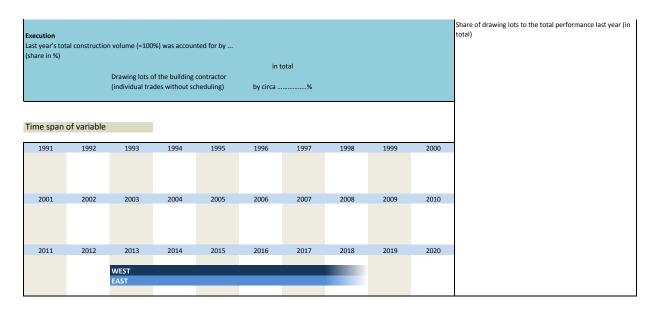
No. Name Label Survey frequency Survey period West since 06/1991 bau_cvno annual survey, June 3.41) changes in construction volume: no changes East since 06/2001 annual survey, June Wording of question Further information 06/1991 to 06/1995 Changes in construction volume Construction volume (for main construction trades) As far as it is possible to forecast already our constructions will presumably be *Example: more [1] The question was posed in April 1993, not changing [2] "19WW=1993" and ""19XX=1992" 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 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 1993 1991 1992 1994 1995 1996 1997 1998 1999 2000 WEST 2010 2002 2004 2006 2008 2001 2003 2005 2007 2009



	Name		Label				Survey peri	od		Survey frequency
42)	bau_cvpos		changes in cor	nstruction volu	ıme:		West since	06/1991		annual survey, June
lording (of question		positive chang	ges in %			East since 0	06/2001		annual survey, June
roruing t	oi question									
20/100										Further information
ice 06/199	91									Changes in construction volume: positive changes in
nstruction										(for main construction trades)
far as it is	possible to fore	cast already w	e will presuma	bly construct						*Example:
			more, in fact a	bout	%					The question was posed in April 1993,
				in 19\\/\///20\/	VW than 19/20	nyy				"19WW=1993" and ""19XX=1992"
				13, 20 .	*** (15, 20	,,,,,,				
me spar	n of variable									
		1002	1004	1005	1005	1007	1000	1000	2000	
me spar	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		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 EST 2001	1992									
1991 /EST	1992									
1991 2001 2001 25T	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 /EST 2001	1992									
1991 2001 2001 25T	1992	2003	2004	2005	2006	2007	2008	2009	2010	

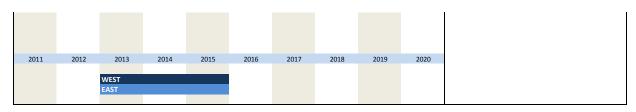
No.	Name		Label Survey period							Survey frequency
3.43)	bau_cvneg		changes in cor negative chan		me:		annual survey, June annual survey, June			
since 06/19	of question									Further information Changes in construction volume: negative changes in %
Construction As far as it i	on volume is possible to fore		e will presuma less, in fact ab		_%					(for main construction trades) *Example: The question was posed in April 1993,
				in 19WW/20V	VW than 19/20	OXX.				"19WW=1993" and ""19XX=1992"
Time spa	n of variable	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
3.44)	bau_cvpr_bdl	% of construction volume:	West since 06/2013	annual survey, June
Mordin	g of question	by drawing lots (in general)	East since 06/2013	annual survey, June
wordin	ig of question			
				Further information
since 06/2	2013			



3.45) bau_cvpr_sc % of construction volume: as subcontractor (in general) West 06/2013 - 06/2015 annual survey, June Since 06/2013 Execution Last year's total construction volume (=100%) was accounted for by (share in %) In total activities as subcontractor by circa	No.	Name		Label				Survey peri	od		Survey frequency
East 06/2013 - 06/2015 annual survey, June											
East 06/2013 - 06/2015 Sannual survey, June	3.45)	bau cvpr	SC	% of construc	tion volume:			West 06/20	013 - 06/20	15	annual survey, June
Further information Share of activities as a subcontractor to last year's total construction volume (=100%) was accounted for by (share in %)											
Share of activities as a subcontractor to last year's total construction volume (=100%) was accounted for by (share in %)	Wording	g of question									
Share of activities as a subcontractor to last year's total construction volume (=100%) was accounted for by (share in %)											Fruther information
Share of activities as a subcontractor to last year's total construction volume (=100%) was accounted for by (share in %)	since 06/2	013									rurther information
Last year's total construction volume (=100%) was accounted for by (share in %) in total activities as subcontractor by circa											Share of activities as a subcontractor to last year's total
(share in %) in total activities as subcontractor by circa											construction volume (in total)
in total by circa			n volume (=10	0%) was accour	nted for by						
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	(Share in %	P)				in t	ntal				
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			activities as s	ubcontractor			J. C.				
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			activities as s	ubconti actor		by circa	%				
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020											
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020											
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	Time spa	an of variable									
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020											
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
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 2016 2017 2018 2019 2020											
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST											
EAST			EASI								
											I

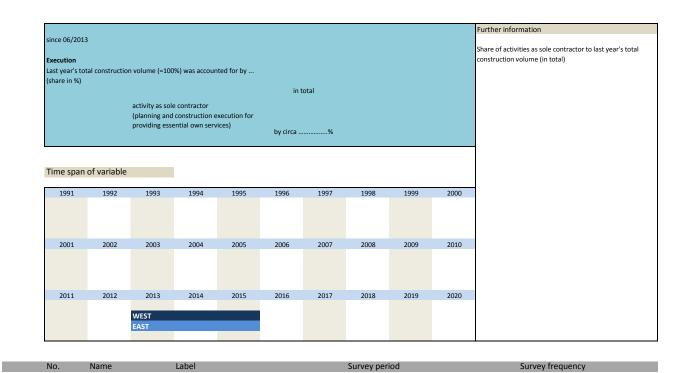
No.	Name		Label				Survey per	iod		Survey frequency
3.46) Wording o	bau_cvpr_p		% of construct as prime contr		ral)		West 06/20 East 06/20			annual survey, June annual survey, June
since 06/201 Execution Last year's to (share in %)	otal construction		rime contractor			otal				Further information Share of activities as prime contractor to last year's total construction volume (in total)
	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	



No.	Name		Label				Survey per	iod		Survey frequency
3.47)	bau_cvpr_		% of construct		contractor (in	gonorall	West since	06/2016		annual survey, June annual survey, June
Wording	of question		as sub contrac	tor and prime	contractor (iii	general)	Last since t	30/2010		ailliuai sui vey, Julie
										Further information
since 06/20	016									ruttier information
Execution Last year's f	total construction	n volume (=100	%) was accour	nted for by						
(share in %)			, a, mas accoun							
					in t	otal				
		activities as su contractor	ıb contractor a	nd prime						
					Land and a second	%				
					by circa	/0				
					by circa	/6				
					by circa	/6				
Time spa	n of variable				by circa	/0				
Time spa		1993	1994	1995	1996	1997	1998	1999	2000	
	n of variable		1994	1995			1998	1999	2000	
	n of variable		1994	1995			1998	1999	2000	
1991	n of variable	1993			1996	1997				
	n of variable		1994	1995			1998	1999	2000	
1991	n of variable	1993			1996	1997				
1991	n of variable	1993			1996	1997				
1991	1992 2002	1993	2004	2005	1996	1997	2008	2009	2010	
1991	n of variable	1993			1996	1997				
1991	1992 2002	1993	2004	2005	1996	1997	2008	2009	2010	

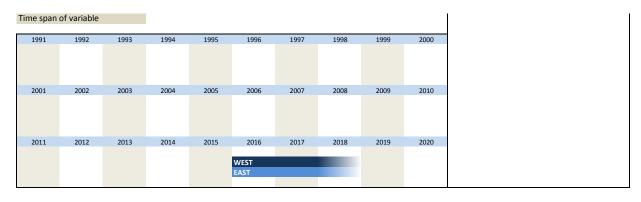
0.	Name		Label				Survey peri	iod		Survey frequency
48)	bau_cvpr_		% of construct				West 06/20			annual survey, June annual survey, June
ording o	f question		as general cor	ntractor (in gen	ieral)		East 06/20.	13 - 06/201	5	annuai survey, June
nce 06/2013	2									Further information
100 00/2013	,									Share of activities as general contractor to last year's total
ecution										construction volume (in total)
ist year's to hare in %)	tal constructio	n volume (=100	%) was accoun	ited for by						
					in t	total				
		activity as gen								
			ction execution	ı by	h	0/				
		subcontractor	'S)		by circa	70				
		subcontractor	s)		by circa	76				
		subcontractor	s)		by circa	76				
ime span	of variable	subcontractor	s)		by circa	76				
ime span	of variable	subcontractor	1994	1995	1996	1997	1998	1999	2000	
				1995			1998	1999	2000	
				1995			1998	1999	2000	
				1995			1998	1999	2000	
				1995			1998	1999	2000	
1991	1992	1993	1994		1996	1997				
1991	1992	1993	1994		1996	1997				
1991	1992	1993	1994		1996	1997				
1991	1992	1993	1994		1996	1997				
1991	1992	1993 2003 2013	1994	2005	1996	1997	2008	2009	2010	
1991	1992	1993	1994	2005	1996	1997	2008	2009	2010	

N	No.	Name	Label	Survey period	Survey frequency
3.	.49)			West 06/2013 - 06/2015 East 06/2013 - 06/2015	annual survey, June
V	Nording of	question	as sole contractor (in general)	East 06/2013 - 06/2015	annual survey, June



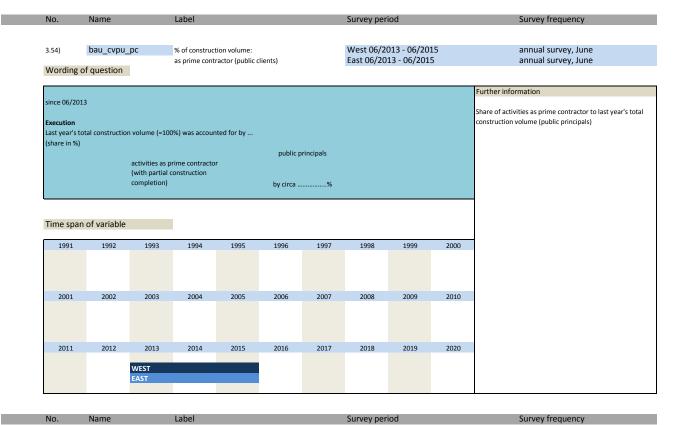
			Label				Julycy peri			Julycy irequency
3.50)	bau_cvpr_	oth	% of construct	ion volume:			West 06/20			annual survey, June
			others (in gene	eral)			East 06/201	13 - 06/201	5	annual survey, June
Wording o	of question									
										Further information
ince 06/201	3									
ecution										Share of other activities to last year's total construction volume (in total)
	tal construction	n volume (=100	0%) was accoun	ted for hy						volume (in total)
hare in %)	tai construction		one, was account							
					in to	otal				
			l contractor, pr							
			oper, system pr dels, functional							
		contract, PPP			by circa	%				
imo cnan	of variable									
illie spali	OI Vallable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
									2000	
									2000	
									2000	
									2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2003	2004	2005	2006	2007	2008	2009		
2001	2002	2003	2004	2005	2006	2007	2008	2009		
2001	2002	2003	2004	2005	2006	2007	2008	2009		
									2010	
2001	2002	2003	2004	2005	2006	2007	2008	2009		
	2012	2013 WEST							2010	
	2012	2013							2010	

No.	Name	Label	Survey period	Survey frequency
3.51)	bau_cvpr_oth2	% of construction volume:	West since 06/2016	annual survey, June
		others (in general)	East since 06/2016	annual survey, June
Wording	g of question			
				Fronth as information
since 06/2	2016			Further information
311CE 00/2	1010			Share of other activities to last year's total construction
Execution				volume (in total)
Last year's	s total construction volume (=100%) was accounted for by		
(share in 9	%)			
		in tota	al	
	others			
		by circa	%	
		<i>Sy</i> c.r.c		



No.	Name		Label				Survey per	iod		Survey frequency
3.52)	bau_cvpu_		% of construct				West since			annual survey, June
\A/=li	-f+:		by drawing lo	ts (public client	rs)		East since (06/2013		annual survey, June
wording c	of question									
										Further information
since 06/201	.3									Share of drawing lots to last year's total construction
Execution										volume (public principals)
	otal construction	volume (=100	%) was accour	nted for by						
(share in %)					public p	rincinals				
		Drawing lots of	of the building	contractor	public p	inicipais				
		eran earlieren	des without so	heduling)	by circa	%				
		(individual tra	ides without se	incualing)	by circu					
		(individual tra	ides without se	arcuaning)	by circu					
		(individual tra	ides without se	incuding/	by circu					
Time span	n of variable	(individual tra	ucs without sc	arcading,	by circu					
	n of variable			-						
Time span		1993	1994	1995	1996	1997	1998	1999	2000	
	n of variable			-			1998	1999	2000	
	n of variable			-			1998	1999	2000	
1991	n of variable	1993	1994	1995	1996	1997				
	n of variable			-			1998	1999	2000	
1991	n of variable	1993	1994	1995	1996	1997				
1991	n of variable	1993	1994	1995	1996	1997				
1991	n of variable	1993	1994	1995	1996	1997				
1991	1992 2002	1993 2003 2013	1994	1995	1996	1997	2008	2009	2010	
1991	1992 2002	1993	1994	1995	1996	1997	2008	2009	2010	

No.	Name		Label				Survey peri	od		Survey frequency
3.53) Wording o	bau_cvpu_		% of construct as subcontract	tion volume: tor (public clien	nts)		West 06/20 East 06/20			annual survey, June annual survey, June
since 06/201 Execution Last year's to (share in %)		n volume (=100	%) was accoun	ited for by	publicn	rincipals				Further information Share of activities as subcontractor to last year construction volume (public principals)
		activities as su	bcontractor		by circa	%				
Time span	of variable	activities as su	1994	1995	by circa	1997	1998	1999	2000	
				1995	•		1998	1999	2000	



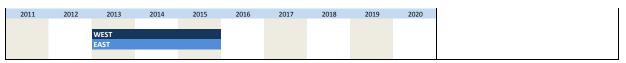
55)	bau_cvpu_s	cnc	% of construct	ion volumo:			West since	06/2016		annual survey, June
)	bau_cvpu_				contractor (publ	lic clients)	East since 0			annual survey, June
ording o	f question		as sub contrac	tor and prime	contractor (publ	nc chems)	Last since o	10/2010		ailituai Sui Vey, Julie
										Further information
e 06/2010	6									
cution										
	tal construction	volume (=100	%) was accoun	ted for by						
are in %)					public cl	lionts				
					public ci	iiciits				
		activities as su contractor	ıb contractor a	iu prime						
		contractor			by circa	%				
me span	of variable									
		1002	1994	1005	1006	1007	1009	1000	2000	
me span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992									
		1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992									
1991	1992									
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991	1992									
1991	1992	2003	2004	2005	2006 2016 WEST	2007	2008	2009	2010	
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.56)	bau_cvpu_gc	% of construction volume:	West 06/2013 - 06/2015	annual survey, June
		as general contractor (public clients)	East 06/2013 - 06/2015	annual survey, June
Wording o	of question			
				Further information
since 06/2013	3			
				Share of activities as general contractor to last year's total
Execution				construction volume (public principals)
	tal construction volume (=	100%) was accounted for by		
(share in %)				
		•	blic principals	
		general contractor		
		truction execution by		
	subcontrac	tors) by c	rca%	

L										
	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							
Ļ										

No.	Name		Label				Survey peri	od		Survey frequency
3.57) Wording	bau_cvpu_		% of construct as sole contra	tion volume: ctor (public clie	ents)		West 06/202 East 06/202			annual survey, June annual survey, June
	4									
since 06/20: Execution Last year's to (share in %)	otal constructior	n volume (=100)%) was accour	nted for by	. Lib	rincipals				Further information Share of activities as sole contractor to last year construction volume (public principals)
		activity as solo	e contractor construction e	execution for	public p	imcipals				
		providing esse	ential own serv	rices)	by circa	%				
	n of variable									
Time spar		providing esse	ential own serv	1995	by circa	1997	1998	1999	2000	
	n of variable						1998	1999	2000	

No.	Name	Label Survey period							Survey frequency		
.58) Vording o	bau_cvpu_ f question	oth	% of construct others (public				West 06/201 East 06/201			annual survey, June annual survey, June	
nce 06/2013 xecution ist year's to hare in %)	tal construction	other (genera	0%) was accoun al contractor, pr oper, system pr dels, functional models)	omoter, ovider, pre-		rincipals				Further information Share of other activities to last year's total construction volume (public principals)	
ime span	of variable	1993	1994	1995	1996	1997	1998	1999	2000		
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010		



	Name		Label				Survey per	iod		Survey frequency
3.59)	bau_cvpu_	oth2	% of construct	tion volume:			West since			annual survey, June
\	_ft:		others (public	clients)			East since	06/2016		annual survey, June
wording	of question									
										Further information
since 06/20	16									Share of other activities to last year's total const
Execution										volume (in total)
	otal construction	n volume (=100	0%) was accour	nted for by						
(share in %)					nublic	clients				
					public	cilents				
		others								
					betaaa	%				
					by circa	70				
Time snar	o of variable									
Time spar	n of variable									
Time span	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992									
		1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992									
1991	1992									
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991	1992									
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	

	Name		Label				Survey per	iod		Survey frequency
3.60)	bau_pcgc_	_gen	We regularly a	act as prime/ g	eneral contrac		West since			annual survey, June
			(in general)				East since 06/2013			annual survey, June
Wording	g of question									
										Further information
since 06/2	013									
Prime-/ ge	eneral contractor	services								Regular work as prime/ general contractor (in gene
a) we regu		Je. Fieed								
						in general				
					yes [1]					
		as prime or ge	eneral contract	or	[2]		1			
				no [2]						
Time spa	an of variable									
Time sp	an 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	1996	1997	1998	1999	2000	
1991	1992	1993								
1991	1992	1993								
1991	1992	1993								
1991	1992	1993								
1991	1992	1993 2003 2013	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.61)	bau_pcgc_pub	We regularly act as prime/ general contractor	West since 06/2013	annual survey, June
		(public clients)	East since 06/2013	annual survey, June
Wording	g of question			
				Further information

Prime-/ gene a) we regular	ral contractor	services								Regular work as prime/ general contractors (public principals)
		as prime/ gen	eral contractoi		fc yes [1] no [2]	or public princip	pals			
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 WEST EAST	2014	2015	2016	2017	2018	2019	2020	

No.	Name		Label				Survey per	iod		Survey frequency
3.62)	bau_prop_	_gen			s with prime/ g	general	West since			annual survey, June
Wording o	f auestion		contractors (ir	n general)			East since	06/2013		annual survey, June
Wording o	· question									
			Further information							
since 06/2013	3		Propensity for placing orders with prime/ general							
Prime-/ gene	ral contractor	services								contractors (in general)
b) During the	last years the	propensity of p	orincipals to pla	ce orders as p	rime/ general o	contractors ha	s			
					in general					
					60					
			i	ncreased [1]						
			not	changed [2]						
			d	ecreased [3]						
Ti	-£:- - -									
rime 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	2012	2014	2015	2016	2017	2010	2010	2020	
2011	2012	2013	2014	2015	2010	2017	2018	2019	2020	
	WEST									
		EAST								

		_		
3.63)	bau_prop_pub	Propensity for placing orders with prime/ general contractors (public clients)	West since 06/2013 East since 06/2013	annual survey, June annual survey, June
Wording	of question		, , , , , , , , , , , , , , , , , , , ,	
				Further information
Prime-/ gen	eral contractor services			Propensity for placing orders with prime/ general contractors (public principals)
b) During the	e last years the propensity of	principals to place orders as prime/ general contractors	has	
		for public principals		
		increased [1]		
		not changed [2]		
		decreased [3]		

No. Name Label Survey period Survey frequency

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							

		lame Label Survey period								Survey frequency
3.64) bau_probl_pub Are there problems regarding public procurement law (public clients) West since 06/2013 Wording of question West since 06/2013										annual survey, June annual survey, June
										Further information
since 06/20	13									
Prime-/ gen	neral contractor	services								Problems regarding public procurement law (public
	problems regar		ocurement law	for public clien	nts?					
				fo	r public principa	als				
				10	- public principa	J15				
				yes [1]						
				no [2]						
Time spa	n of variable									
		1993	199/	1995	1996	1997	1998	1999	2000	
Time spa	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992									
1991	1992									
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991	1992									
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	

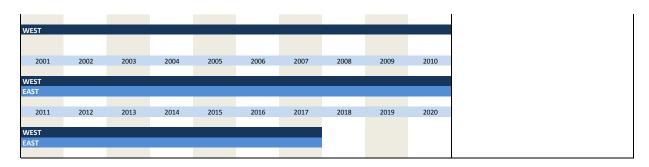
No. Name Label Survey period Survey frequency

3.65) Wording	bau_bes of question		borrowed equ	iipment / subc	ontractors		West since East since (annual survey, July annual survey, July
since 07/19	991			Further information						
	equipment / plac y we rent equipn	nent or engage		Borrowed equipment (for main construction trades)						
		yes [1]			no [2]					
Time spa	n 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										

3.66) bau_beslc borrowed equipment / subcontractors: West 07/1991 - 07/2015 for lack of capacities East 07/2001 - 07/2015	annual survey, July
	annual survey, July
Wording of question	,
Working or question	
	Further information
27/4004	Tuttiei iiiioiiilatioii
since 07/1991	December 1 and 1 a
	Borrowed equipment due to lack of capacities
Borrowed equipment / placing of equipment intensive works to subcontractors	(for main construction trades)
Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works .	
If yes, this is primarily	
to compensate fo short-term lack of capacities [1]	
Time span of variable	
Time spart of variable	
1991 1992 1993 1994 1995 1996 1997 1998 1999 20	200
1991 1992 1993 1994 1995 1996 1997 1998 1999 20	JU
WEST	
2001 2002 2003 2004 2005 2006 2007 2008 2009 20	1.0
WEST	
EAST	
2011 2012 2013 2014 2015 2016 2017 2018 2019 20	20
WEST	
EAST	

No.	Name Label							iod		Survey frequency	
3.67)	bau_bessw		borrowed equ	uipment / subc	ontractors:		West 07/1991 - 07/2015			annual survey, July	
			special work					01 - 07/201	5	annual survey, July	
Wording	of question										
										Further information	
since 07/19	91										
Rorrowed a	quipment / placi	ing of equipm	ant intansiva v	works to subco	ontractors					Borrowed equipment due to special work (for main construction trades)	
	y we rent equipm					plete equipme	nt intensive wo	orks .		(for main construction trades)	
If yes, this is		0.0.									
							_				
	for special wor		executed che	aper							
	by other comp	anies [1]									
Time spa	n of variable		<u> </u>								
		1002	1004	1005	1006	1007	1000	1000	2000		
Time spa	n of variable	1993	1994	1995	1996	1997	1998	1999	2000		
		1993	1994	1995	1996	1997	1998	1999	2000		
1991		1993	1994	1995	1996	1997	1998	1999	2000		
1991 WEST	1992										
1991		1993	1994	1995	1996	1997	1998	1999	2000		
1991 WEST	1992										
1991 WEST	1992										
1991 WEST 2001	1992					2007			2010		
1991 WEST 2001	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		

No.	Name	Label			Survey peri	od		Survey frequency
3.68)	bau_beper	borrowed equ	ipment: number in %		West since	07/1991		annual survey, July
					East since 0	7/2001		annual survey, July
Wording of	of question							
								Further information
since 07/199	1							
								Borrowed equipment in %
Borrowed ed	quipment / placing o	f equipment intensive v	vorks to subcontractors					(for main construction trades)
		% of our equip	ment capacity in 20XX* were	e borrowed equ	ipment			
								* "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	1

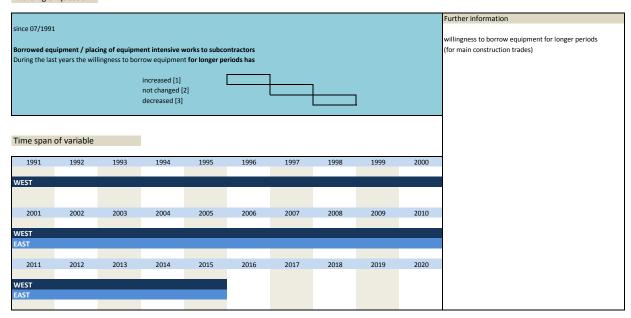


	Name		Label				Survey per	iod		Survey frequency
3.69)	bau_belop	e	borrowed equ	ipment:			West 07/1	991 - 07/20	15	annual survey, July
			number in % f	or longer perio	ods		East 07/20	01 - 07/201	5	annual survey, July
Wording o	of question									
										Further information
ince 07/199	1									
										Borrowed equipment in %, longer periods
	uipment / plac									(for main construction trades)
he share of	long-term borro	owed equipme	ent (more than	one year) to th	e existing equ	ipment capaci	ity was			
					0/ of Born	owed equipme	nnt			
					% OI BOIT	owed equipme	ent			
Time chan	of variable									
Time span	of variable									
Time span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		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 WEST	1992									
1991		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST 2001	1992									
1991 WEST 2001	1992									
1991 WEST	1992									
1991 WEST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001	1992									
1991 WEST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001 WEST EAST 2011	1992	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
3.70)	bau bewill		borrowed equ	inment: willir	igness		West 07/19	991 - 07/20	15	annual survey, July
3.70)	buu_bewiii		bonowca cqa	pinene wiiii	.6.1033		East 07/20			annual survey, July
Wording o	f question									· ·
										I- 11 16 11
since 07/199	1									Further information
SIIICE 07/133	1									willingness to borrow equipment
Borrowed eq	uipment / placi	ng of equipme	ent intensive w	orks to subc	ontractors					(for main construction trades)
During the la	st years the willi	ngness to borr	row equipmen	t has						
						1				
			increased [1]	.,			1			
			not changed [3] decreased [3]	<u>2]</u>				l		
			uecreaseu [5]					ļ		
Time span	of variable									
4004	4002	4002	4004	1005	1996	4007	1000	1999	2000	
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										
										l

No.	Name	Label	Survey period	Survey frequency
	harri harrilla	la de la companya de	W+ 07/1001 07/2015	and the second s
3.71)	bau_bewilp	borrowed equipment:	West 07/1991 - 07/2015	annual survey, July
		willingness for longer periods	East 07/2001 - 07/2015	annual survey, July

No. Name

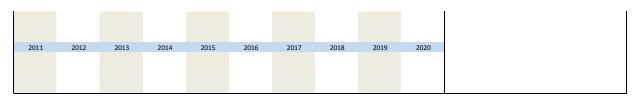


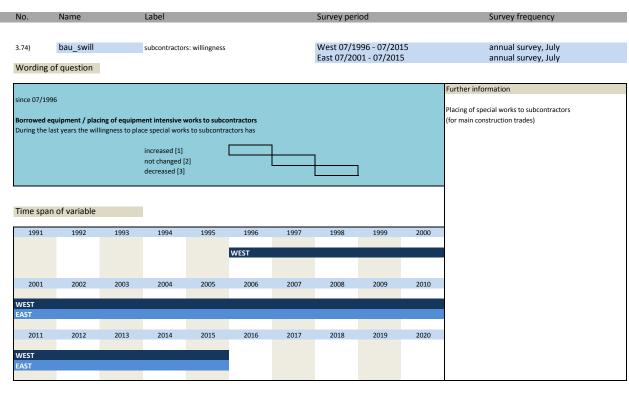
No.	Name		Label				Survey per	iod		Survey frequency
3.72)	bau_sper		subcontractor	s: % of sales vo	olume		West 07/1	991 - 07/20	15	annual survey, July
							East 07/20	01 - 07/201	5	annual survey, July
Wording o	f question									
										Further information
since 07/1991	1									
_										Share of sales volume subcontractors
	uipment / plac uipment intensi					of our calor vo	lumo			(for main construction trades)
13/20AA eqt	arpment intensi	ve services or	subcontractors	account for Cil	rca%	or our sales vo	iume			* "20XX" means last year
										Example:
										· ·
										If the question was posed in July 2003,
Time span	of variable									"20XX"="2002".
Time span	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		1993	1994	1995	1996	1997	1998	1999	2000	
1991		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992									
1991 WEST 2001 WEST	1992									
1991 WEST	1992									
1991 WEST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001 WEST	1992									
1991 WEST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

Wording of q										
17/1991 to 07/1	1005									
										Further information
7,1331 (0 07,1	.555									Placing special works to subcontractors
Borrowed equip During the last y										
outing the last y	years the willin	igness to piat	te special work	s to subcontra	ictors rias					
			increased [1]				7			
			not changed [3] decreased [3]							
Time span of	f variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	

Survey period

Survey frequency





No.	Name		Label				Survey per	iod		Survey frequency
3.75)	bau co1		medium-term	expected cor	nmercial opera	tions:	West since	08/1991		annual survey, August
	_		3rd quarter				East since (08/2001		annual survey, August
Wording o	f question									
										Further information
since 08/1991	1 to 08/1995									Commercial operations this year 3rd quarter
Medium-tern	n expected cor	nmercial oper	ations*							(for main construction trades)
Our state of b	ousiness with re	espect to econ	omic cycles		3rd quarter 19	9ww**				
						ı				*Instructions to answer
			very good [1] good[2]							"Please answer this special question for the whole company, plant or subsidiary"
			satisfiable [3]							company, plant of subsidiary
			bad [4]							
			very bad [5]							
										** "20WW" means this year
since 08/1996	ς ***									Example: If the question was posed in July 2003 ,
J. 100 00, 1331	•									"20WW"="2003".
Medium-tern	n expected cor	nmercial oper	ations*							
Our state of b	ousiness with re	espect to econ	omic cycles		3rd quarter 19	9/20WW**				
			good [1]			l				*** co1- co4 are recoded to 5 categories
			satisfiable [2]							
			bad [3]							
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	-
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 period Survey frequency 3.76) bau_co2 West since 08/1991 annual survey, August medium-term expected commercial operations: East since 08/2001 annual survey, August Wording of question Further information since 08/1991 to 08/1995 Commercial operations this year, 4th quarter Medium-term expected commercial operations*
Our state of business with respect to economic cycles (for main construction trades) 4th quarter 19WW** *Instructions to answer very good [1] "Please answer this special question for the whole company, plant or subsidiary" good[2] satisfiable [3] bad [4] very bad [5] ** "20WW" means this year Example: since 08/1996 If the question was posed in July 2003 , "20WW"="2003". Medium-term expected commercial operations*
Our state of business with respect to economic cycles 4th quarter 19/20WW** good [1] satisfiable[2] bad [3] Time span of variable 1992 1993 1995 1996 1997 1998 1999 2000 1991 1994 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST

3.77)	bau_co3		medium-term 1st quarter	expected cor	nmercial operat	ions:	West since (annual survey, August annual survey, August
wording	of question									
since 08/19	991 to 08/1995									Further information
	erm expected con f business with re				1st quarter 19	W**				Commercial operations next year, 1st quarter (for main construction trades) *Instructions to answer "Please answer this special question for the whole company, plant or subsidiary" ** "20VV" means next year
	196 erm expected con f business with re				1st quarter 20	VV**				Example: If the question was posed in August 2003 , "20VV"="2004".
Time spa	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										

Survey period

Survey frequency

No. Name

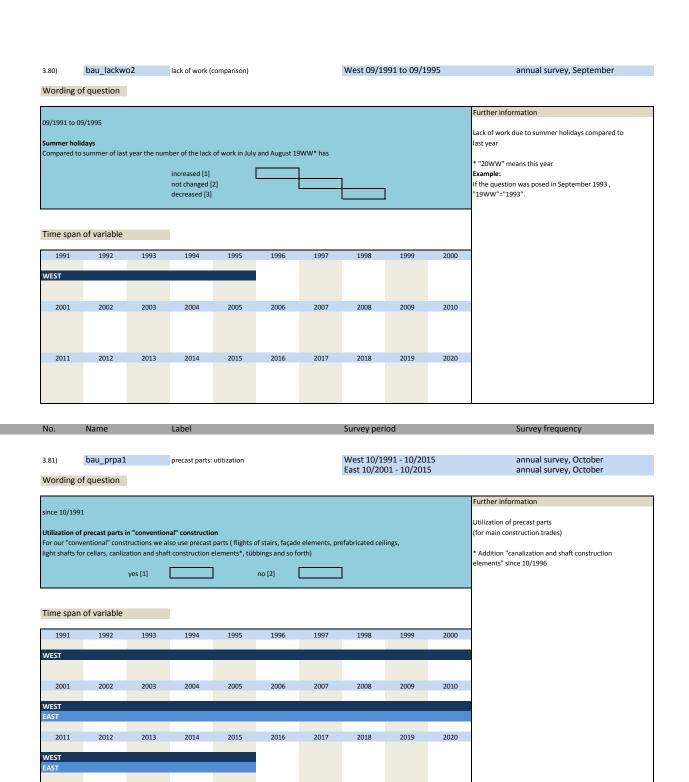
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
٧	VEST									
E	AST									

No.	Name		Label				Survey peri	od		Survey frequency
3.78) Wording	bau_co4 of question		medium-term 2nd quarter	expected con	nmercial operat	tions:	West since East since (annual survey, August annual survey, August
since 09/100	91 to 08/1995									Further information
Medium-ter	rm expected com business with re				2nd quarter 20)VV**				Commercial operations next year, 2nd quarter (for main construction trades) *Instructions to answer "Please answer this special question for the wicompany, plant or subsidiary"
										** "20VV" means next year Example:
	rm expected com				2nd quarter 20	0VV**				If the question was posed in August 2003 , "20VV"="2004".
Medium-te Our state of	rm expected com		good [1] satisfiable [2]		2nd quarter 20	0VV**				
Medium-te Our state of	rm expected com		good [1] satisfiable [2]	1995	2nd quarter 20	1997	1998	1999	2000	
Medium-ter Our state of	rm expected com i business with re	espect to econo	omic cycles good [1] satisfiable [2] bad [3]	1995			1998	1999	2000	
Medium-ter Our state of Time spai	rm expected com i business with re	espect to econo	omic cycles good [1] satisfiable [2] bad [3]	1995			1998	1999	2000	
Medium-tee Our state of Time spai 1991 WEST	rm expected com i business with re n of variable	1993	good [1] satisfiable [2] bad [3]		1996	1997				
Medium-tee Our state of Time spai 1991 WEST 2001	rm expected com i business with re n of variable	1993	good [1] satisfiable [2] bad [3]		1996	1997				
Medium-tee Our state of Time spai 1991 WEST	rm expected com i business with re n of variable	1993	good [1] satisfiable [2] bad [3]		1996	1997				

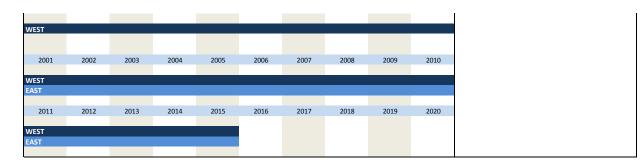
No.	Name	Label	Survey period	Survey frequency
3.79)	bau_lackwoper	number lack of work in %	West 09/1991 to 09/1995	annual survey, September

09/1991 to 09/ Summer holid This year in Jul	ays ly and August t	the lack of wor	k due to holida	sys was about _	<u></u> %+	of the working	hours of all en	nployees		Further information Lack of work due to summer holidays
Time span o	of variable 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



lo.	Name	Label	Survey period	Survey frequency
.82)	bau_prpacvm	precast parts: % of construction volumen at the moment	West 10/1991 - 10/2015 East 10/2001 - 10/2015	annual survey, October annual survey, October
Vording (of question			
ince 10/199	91			Percentage of precast parts of the construction volume
or our "con ght shafts f yes:	for cellars, canlization and	Intional" construction we also use precast parts (flights of stairs, façade eleme I shaft construction elements*, tübbings and so forth) bout [] of the total construction value	nts, prefabricated cellings,	(for main construction trades) * Addition "canalization and shaft construction elements" since 10/1996



No.	Name	L	.abel				Survey peri	iod		Survey frequency
3.83)	bau_prpacvy	р	recast parts:				West 10/19			annual survey, October
. A / = ali:	-fti	%	6 of construct	ion volumen w	hole year		East 10/20	01 - 10/201	5	annual survey, October
wording d	of question									
										Further information
since 10/199	91									
Itilization o	f precast parts in "	'conventional	" constructio	n						precast parts: % of construction volume last year (for main construction trades)
	ventional" constru				of stairs, façade	e elements, pr	efabricated ceil	ings,		(10) main construction trades)
	or cellars, canlization	on and shaft c	onstruction e	lements*, tüb	bings and so fo	orth)				* Addition "canalization and shaft construction
f yes:						%				elements" since 10/1996
ne snare of	precast parts to th	ie totai constri		s circa approximately			% in 19/20XX**			* "20XX" means last year
										Example:
										If the question was posed in October 2003 ,
Time char	of variable									"20XX"="2002".
Time spar	101 Variable									
1991										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	
AUE OF	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST 2001	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001										
2001 WEST										
2001 WEST EAST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001 WEST										
2001 WEST EAST 2011	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001 WEST EAST	2002	2003	2004	2005	2006	2007	2008	2009	2010	

Bau_ovtim overtime West since 10/1991 annual survey, October		Name		Label				Survey per	iod		Survey frequency
10/1991 to 10/2001	3.84)	bau_ovtim		overtime				West since	10/1991		annual survey, October
10/1991 to 10/2001 Overtime In the month under report overtime was worked in our company Since 10/2002 Overtime In September overtime was worked in our company 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	Wording	of question						East since :	10/2001		annual survey, October
Overtime In the month under report overtime was worked in our company since 10/2002 Overtime In September overtime was worked in our company yes [1]											Further information
Overtime In the month under report overtime was worked in our company	10/1991 to :	10/2001									Overtime
yes [1] no [2] Since 10/2002 Overtime In September overtime was worked in our company 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	Overtime										
Since 10/2002 Overtime In September overtime was worked in our company yes [1]	In the mont	h under report o	vertime was w	orked in our cor	mpany						
Since 10/2002 Overtime In September overtime was worked in our company yes [1]			ves [1]			no [2]					
Overtime In September overtime was worked in our company yes [1] no [2] 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			7 1 1								
Overtime In September overtime was worked in our company yes [1] no [2] 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	-: 10/20	02									
In September overtime was worked in our company yes [1]	since 10/200	UZ									
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											
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	Overtime										
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		er overtime was	worked in our	company							
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				company		[2]		1			
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				company		no [2]]			
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				company		no [2]]			
WEST 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	In Septembe			company		no [2]]			
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	In Septembe			company		no [2]]			
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	In Septembe	n of variable	yes [1]		1995		1997	1998	1999	2000	
WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	Time spar	n of variable	yes [1]		1995		1997	1998	1999	2000	
WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	Time spar	n of variable	yes [1]		1995		1997	1998	1999	2000	
EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	Time spar	n of variable	yes [1]	1994		1996					
EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020	Time spar	n of variable	yes [1]	1994		1996					
	Time spat 1991 WEST 2001	n of variable	yes [1]	1994		1996					
	Time span 1991 WEST 2001 WEST	n of variable	yes [1]	1994		1996					
WEST	Time spai 1991 WEST 2001 WEST EAST	1992 2002	yes [1] 1993 2003	1994	2005	1996	2007	2008	2009	2010	
	Time spai 1991 WEST 2001 WEST EAST	1992 2002	yes [1] 1993 2003	1994	2005	1996	2007	2008	2009	2010	

No. Name Label Survey period Survey frequency West 10/1991 - 10/2015 East 10/2001 - 10/2015 annual survey, October annual survey, October 3.85) bau_ovtimper overtime in % Wording of question Further information 10/1991 to 10/2001 Overtime in % Overtime

In the month under report overtime was worked in our company (for main construction trades) If yes: approximately of the total working hours were worked overtime since 10/2002 Overtime In September overtime was worked in our company If yes: approximately _ of the total working hours were worked overtime Time span of variable 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 WEST 2010 2001 2002 2003 2004 2005 2006 2007 2008 2009 WEST 2012 2013 2014 2016 2018 2020 2011 2015 2019 2017 WEST

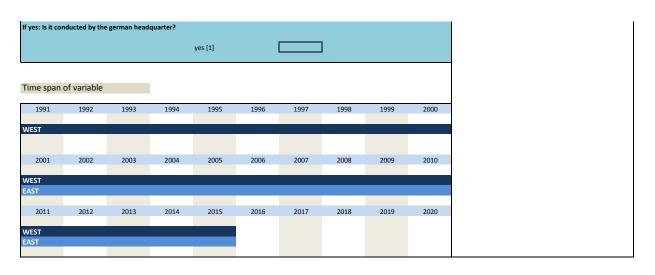
3.86)	bau_cfc1		construction in	n foreign coun	tries		West 10/19	991 - 10/20:	15	annual survey, October
							East 10/20	01 - 10/201	5	annual survey, October
Wording o	of question									· ·
40/400										Further information
since 10/199	1									Construction in foreign countries
Construction	n in foreign cou	ntries								(for main construction trades)
	uct construction		reign countries	or are you inv	olved in such?					,
		yes [1]			no [2]					
Time span	of variable									
Time span	of variable									
Time span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992	1993								
1991			1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992	1993								
1991 WEST 2001	1992	1993								
1991 WEST 2001	1992	1993								
1991 WEST 2001	1992	1993								
1991 WEST 2001 WEST EAST 2011	1992	1993	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001 WEST EAST	1992	1993	2004	2005	2006	2007	2008	2009	2010	

Survey period

Survey frequency

No. Name

No.	Name	Label	Survey period	Survey frequency
3.87)	bau_cfcgh	construction in foreign countries: german headquarter	West 10/1991 - 10/2015 East 10/2001 - 10/2015	annual survey, October annual survey, October
Wording	g of question			Further information
	1001			Further information
since 10/1	1991			Construction in foreign countries by german headqua



No.	Name		Label				Survey per	iod		Survey frequency
3.88)	bau_cfcac		construction in	n foreign coun	tries:			991 - 10/20:		annual survey, October
			associated cor	mpany			East 10/20	01 - 10/201	5	annual survey, October
Wording o	f question									
										Further information
since 10/1991										
										Construction in foreign countries by associate
	in foreign cour									companies
			reign countries							(for main construction trades)
If yes: Is it co	nducted by ass	ociate compa	nies (e.g. subsi	diary compani	es)?					
							1			
				yes [1]						
Time span	of variable									
Tille spall	OI VALIABLE									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1551	1332	1333	1554	1333	1330	1337	1550	1555	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										
			<u> </u>							

	Name		Label				Survey per	riod		Survey frequency
3.89)	bau_cfcsh		construction i	n foreign cour	itries:		West 10/1	991 - 10/20 01 - 10/201		annual survey, October annual survey, October
Wording	of question		Silarcifolding				2031 10/20	10,201	.5	unnuur survey, oetoser
										Further information
since 10/19	991									Construction in foreign countries by shareholdin
Construction	on in foreign cour	ntries								local associations
	duct construction				olved in such?					(for main construction trades)
If yes: Is it o	conducted by sha	areholding of l	ocal associatio	ns?						
				yes [1]						
										1
Time spa	n of variable									
Time spa	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		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 WEST	1992									
1991 WEST	1992									
1991 WEST 2001	1992									
1991 WEST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

AST

No.	Name	Label	Survey period	Survey frequency
3.90)	bau_salvol1	sales volume in %: road construction	West 12/1996 to 12/2000	annual survey, December
			West and East since 06/2009	annual survey. December****

Wording of question

ce 12/1996										Further information
ice 12/1996)									sales volume in %: road construction
formation f	or weighting p	urposes								(for main construction trades)
s foundation	for the weight	ing of your inf	ormation in 19	20YY* we as	k for informatio	n about how t	he revenue			
ou made so f	far in 19WW**	is distributed	among the follo	wing constru	ction sectors (e	stimate is suff	icient)			* "19YY" means next year
										Example:
			road construct	ion	%					If the question was posed in December 1998,
										"19YY"="1999".
				•]
ime 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,
					MECT					"19WW"="1998".
					WEST					
										*** 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
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	*** 12/1996 to 12/2000 record type 1 ****The data is inquired annually in December but
2001	2002	2003	2004	2005	2006	2007	2008	2009 WEST	2010	
2001	2002	2003	2004	2005	2006	2007	2008		2010	****The data is inquired annually in December but
								WEST EAST		****The data is inquired annually in December but appears in the datasets monthly since 06/2009.
2001	2002	2003	2004	2005	2006	2007	2008	WEST	2010	****The data is inquired annually in December but appears in the datasets monthly since 06/2009.
2011								WEST EAST		****The data is inquired annually in December but appears in the datasets monthly since 06/2009.
								WEST EAST		****The data is inquired annually in December but appears in the datasets monthly since 06/2009.

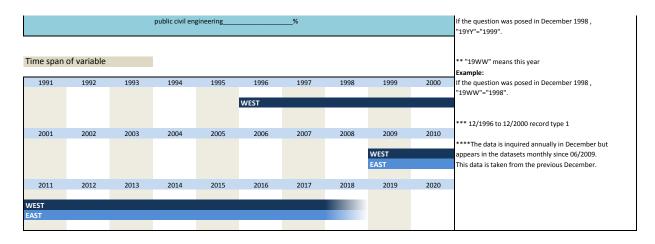
No.	Name	Label	Survey period	Survey frequency
2.011	bau salvol2		West 12/1996 to 12/2000	annual curvou Docombor
3.91)	Dau_Salvoi2	sales volume in %: other civil engineering		annual survey, December
			West and East since 06/2009	annual survey, December****

Wording of question

ince 12/1996										Further information
,										sales volume in %: other civil engineering
nformation fo	or weighting p	urposes								(for main construction trades)
s foundation	for the weight	ing of your inf	ormation in 19	/20YY* we ask	for informatio	n about how th	ne revenue			
ou made so f	far in 19WW**	is distributed	among the follo	owing constru	ction sectors (e	stimate is suffi	cient)			* "19YY" means next year
										Example:
			other civil eng	ineering		%				If the question was posed in December 1998,
										"19YY"="1999".
ime 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,
										"19WW"="1998".
					WEST					
									2010	*** 12/1996 to 12/2000 record type 1
	2002	2003	2004	2005	2006	2007	2008	2009		
2001							2008	2003	2010	
2001							2008		2010	****The data is inquired annually in December but
2001							2008	WEST	2010	appears in the datasets monthly since 06/2009.
2001							2008		2010	•
2001	2012	2013	2014	2015	2016	2017	2018	WEST	2020	appears in the datasets monthly since 06/2009.
2011	2012	2013	2014	2015	2016	2017		WEST EAST		appears in the datasets monthly since 06/2009.
	2012	2013	2014	2015	2016	2017		WEST EAST		appears in the datasets monthly since 06/2009.

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****

	Further information
since 12/1996	
	sales volume in %: public 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:

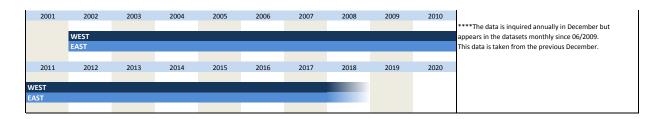


No.	Name	Label	Survey period	Survey frequency
3.93)	bau_salvol4	sales volume in %: industrial civil engineering	West 12/1996 to 12/2000	annual survey, December
			West and East since 06/2009	annual survey, December****

since 12/1996 Information for weighting purposes 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) industrial civil engineering	sales volume in %: industrial civil engineering (for main construction trades) * "19YY" means next year
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)	
you made so far in 19WW** is distributed among the following construction sectors (estimate is sufficient)	* "19YY" means next vear
	* "19YY" means next year
industrial civil engineering	*
industrial civil engineering%	Example:
	If the question was posed in December 1998 , "19YY"="1999".
	"19YY"="1999".
Time span of variable	** "19WW" means this year
	Example:
1991 1992 1993 1994 1995 1996 1997 1998 1999 20	on If the question was posed in December 1998 ,
	"19WW"="1998".
WEST	
	*** 42/4005 + 42/2000 + +++ 4
2001 2002 2003 2004 2005 2006 2007 2008 2009 20	*** 12/1996 to 12/2000 record type 1
2001 2002 2003 2004 2003 2000 2007 2000 2000	****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 20	020
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
			West and East since 06/2009	annual survey, December****

nce 12/1996	•									Further information
12, 1330										sales volume in %: residential construction
formation f	or weighting p	urposes								(for main construction trades)
s foundation	for the weight	ing of your inf	ormation in 19,	20YY* we ask	for information	n about how tl	ne revenue			
ou made so t	far in 19WW**	is distributed	among the follo	wing constru	ction sectors (e	stimate is suff	cient)			* "19YY" means next year
										Example:
			total residentia	al construction	n	%				If the question was posed in December 1998,
										"19YY"="1999".
ime 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,
										"19WW"="1998".
					WEST					
										*** 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
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2003	2004	2005	2006	2007	2008		2010	****The data is inquired annually in December but
2001	2002	2003	2004	2005	2006	2007	2008	2009 WEST EAST	2010	****The data is inquired annually in December but appears in the datasets monthly since 06/2009.
2001	2002	2003	2004	2005	2006	2007	2008	WEST	2010	****The data is inquired annually in December but
2001	2002	2003	2004	2005	2006	2007	2008	WEST	2010	****The data is inquired annually in December but appears in the datasets monthly since 06/2009.
								WEST EAST		****The data is inquired annually in December but appears in the datasets monthly since 06/2009.

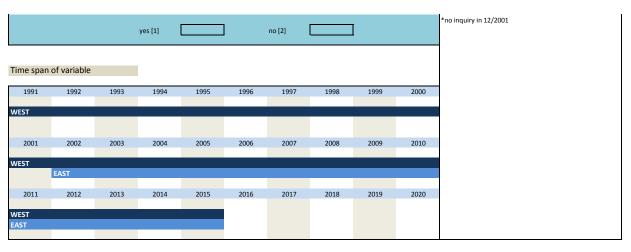


No.	Name	Label	Survey period	Survey frequency	
3.98)	bau empl	employees altogether	West since 12/2002	annual survey, December**	
,			•	annual survey, December**	
			, , , , , , , , , , , , , , , , , , , ,	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

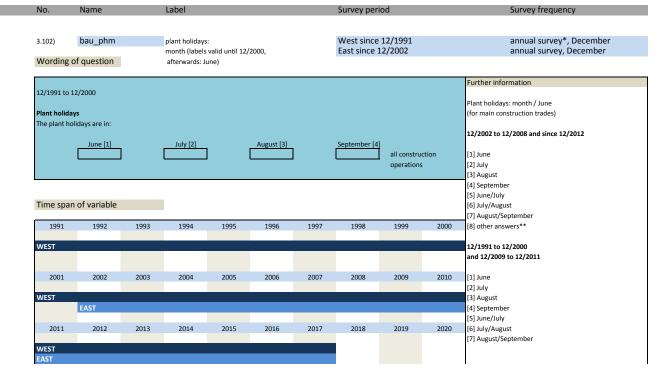
since 12/200	2									Further information
Employees	_									Employees altogether (for main construction trades)
n year 20WV	V* the average	number of our	employees alt	together was _						* "20WW" means this year
Time snan	of variable									Example: If the question was posed in December 2003 , "20WW"="2003".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
										> Only for the west the predecessor of the variable empi was the variable 3.93) salvol8 (12/1996 to 12/2000).
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	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	ins data is taken noin the previous becember.
WEST										
EAST						· · · · · · · · · · · · · · · · · · ·				

No.	Name		Label				Survey peri	iod		Survey frequency
3.99)	bau_phcav	V	plant holidays	s: cessation of a	all work		West since	12/1991		annual survey*, December
A/	f +!						East since 1	12/2002		annual survey, December
wording o	f question									
										Further information
since 12/199:	1									plant holidays: cessation of all work
Plant holiday										(for main construction trades)
Juring the su	immer months	we have plant	holidays with o	essation of all	work					*No inquiry in 12/2001
			yes [1]			no [2]				
Time span	of variable									
Fime span	of variable	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 WEST	1992									
1991 WEST 2001	1992 2002 EAST	2003								
1991 WEST 2001	1992									
1991 WEST 2001 WEST	1992 2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.100)	bau_phcwbr	plant holidays: cessation of work of singular branches	West since 12/1991 East since 12/2002	annual survey*, December annual survey, December
Wording	g of question	-		Funds as information
Wording				Further information Plant holidays: cessation of work of singular branch



	Name		Label				Survey peri	od		Survey frequency
	bau_phyn f question		plant holidays				West and E	ast since 12	2/2016	annual survey, December
nce 12/1991 ant holiday: uring the su		we have plant	: holidays							Further information Plant holidays
			yes [1]]	no [2]				
ime span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996 2006	1997	1998	1999	2000	



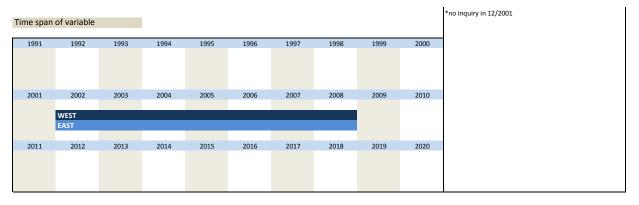
*no inquiry in in 12/2001

** In 2012 [8] "other answers"

also contains the cases in which no month

was ticked off

No.	Name		Label							Survey frequency
3.103) Wording	bau_phdur		plant holidays	s: duration in v	weeks		West since East since			annual survey*, December annual survey, December
since 12/199 Plant holida The duration		īdays is:			1 week [1] 2 weeks [2] 3 weeks [3] 4 weeks [4]					Further information Plant holidays in weeks (for main construction trades) *no inquiry in 12/2001
Time spar	n of variable									
1991 WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST	EAST									
2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	2020	
Line										
	Name bau_phdur2 of question	2	Label plant holidays	s: duration in v	weeks		Survey peri		2/2016	Survey frequency annual survey, December Further information
3.104) Wording of since 12/199 Plant holida	bau_phdur2 of question				1 week [1] 2 weeks [2] ss and more [3]				2/2016	annual survey, December
3.104) Wording of since 12/199 Plant holida The duration	bau_phdur2 of question 91 ys				1 week [1] 2 weeks [2]				2/2016	annual survey, December
3.104) Wording of since 12/199 Plant holida The duration	bau_phdur2 of question of 1 or see the plant holi				1 week [1] 2 weeks [2]	1997			2/2016	annual survey, December
3.104) Wording of since 12/199 Plant holida The duration	bau_phdur2 of question of yes n of the plant holi	iidays is:	plant holidays	3 week	1 week [1] 2 weeks [2] ss and more [3]	1997	West and E	East since 1		annual survey, December
3.104) Wording of since 12/199 Plant holida The duration Time spar	bau_phdur2 of question 191 tys of the plant holi on of variable 1992	idays is:	plant holidays	3 week	1 week [1] 2 weeks [2] cs and more [3] 1996		West and E	East since 1	2000	annual survey, December
3.104) Wording of since 12/199 Plant holida The duration Time span 1991 2001	bau_phdur2 of question 21 sys of the plant holi 1992 2002	1993 2003	plant holidays	3 week	1 week [1] 2 weeks [2] cs and more [3] 1996	2007	1998 2008	1999 2009	2000	annual survey, December
3.104) Wording of since 12/199 Plant holida The duration Time span 1991 2001	bau_phdur2 of question 21 sys of the plant holi 1992 2002	1993 2003	plant holidays	3 week	1 week [1] 2 weeks [2] cs and more [3] 1996 2006 2016 WEST	2007	1998 2008	1999 2009	2000	annual survey, December
3.104) Wording of since 12/199 Plant holida The duration 1991 2001 No. 3.105)	bau_phdur2 of question 21 sys on of the plant holis 1992 2002	1993 2003	1994 2004	1995 2005 2015	1 week [1] 2 weeks [2] ss and more [3] 1996 2006 2016 WEST EAST	2007	1998 2008	1999 2009 2019	2000	Further information Plant holidays in weeks



	Name		Label				Survey per	iod		Survey frequency
3.106)	bau_deccoi	n	decline of con	struction activ	rity		West since	12/1991		annual survey*, December
							East since :	12/2002		annual survey, December
Wording o	of question									
										Further information
since 12/199	1									
Plant holida	vs									decline of construction activity due to plant holidays
	decline of the co	onstruction act	ivity in the res	pective holiday	y month in the	ifo economic	cycle test (ques	tion I.1)**		
which is sole	ly due to plant h	nolidays								*no inquiry in 12/2001
		yes [1]		1	no [2]		1			** see 2.1) conactex
		yes [1]			[2]		<u></u>			See 2.17 condetex
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST	2002									
WEST 2001										
WEST 2001	2002									
2001 WEST 2011	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2001 WEST 2011 WEST	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	
2001 WEST 2011	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2001 WEST 2011 WEST	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	

3.107) Wording of	bau_credit		credit allocation	on			East and W	est 03/200	3 to 08/2004 5 to 08/2008 08 to 12/201	8 March , August
since 08/2003										Further information Credit allocation
How do you ev	valuate the dis	sposition of ba	nks to grant loa	ns to compani	es?					Create anocation
			accomodating	[1]]			
			normal [2]]			
			reserved [3]							
Time span o	of variable									
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										

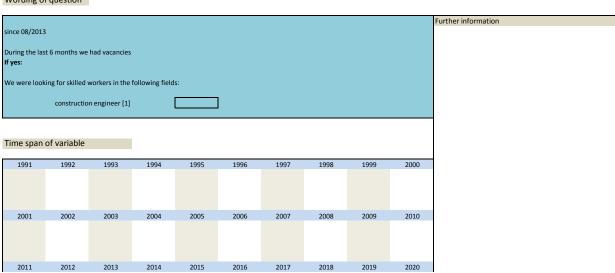
No.	Name		Label				Survey per	iod		Survey frequency
3.108)	bau_vaclh	v	vacancies dur	ing last 6 mont	rhs		East und W	est since 0	8/2013	annual survey, August
				0					,	
Wording o	of question									Further information
since 08/201	.3									ruther information
During the la	ast 6 months we		; 1			1				
	yes [1]			no [2]						
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								
		ENJI								
No.	Name		Label				Survey per	iod		Survey frequency
	bau_vaclh		vacancies dur commercial p	ring last 6 mont	hs:		East und W	est since 0	8/2013	annual survey, August
Wording of the la	of question		commercial p		ths:		East und W	est since 0	8/2013	annual survey, August
since 08/201 During the la If yes:	of question	had vacancies	commercial p	rofessions	ths:		East und W	est since 0	8/2013	
Wording of the last of the las	of question 3 ast 6 months we	had vacancies	commercial p	rofessions	ths:		East und W	est since 0	8/2013	
Wording of since 08/201 During the laif yes: We were loo	of question 3 ast 6 months we willed commercial	e had vacancies workers in the	commercial p	rofessions	ths:		East und W	est since 0	8/2013	
Wording of since 08/201 During the laif yes: We were loo	of question 3 ast 6 months we	e had vacancies workers in the	commercial p	rofessions	1996	1997	East und W	Vest since 0	2000	
Wording of the last of the las	of question 3 set 6 months we biking for skilled commercial	e had vacancies workers in the professions [1]	commercial p	is:	l	1997				
Wording of the last of the las	of question 3 set 6 months we biking for skilled commercial	e had vacancies workers in the professions [1]	commercial p	is:	l	1997				
Wording of since 08/201 During the laff yes: We were loo Time span	of question as 6 months we obtain for skilled commercial and of variable	e had vacancies workers in the professions [1]	following field	Is:	1996		1998	1999	2000	
Wording of since 08/201 During the la If yes: We were loo Time span 1991	of question as 6 months we obtain for skilled commercial properties of the commercial properties of th	e had vacancies workers in the professions [1] 1993 2003	following field	1995 2005	1996	2007	1998	1999	2000	
Wording of since 08/201 During the laff yes: We were loo Time span	of question as 6 months we obtain for skilled commercial and of variable	e had vacancies workers in the professions [1] 1993 2003 2013 WEST	following field	Is:	1996		1998	1999	2000	
Wording of since 08/201 During the la If yes: We were loo Time span 1991	of question as 6 months we obtain for skilled commercial properties of the commercial properties of th	e had vacancies workers in the professions [1] 1993 2003	following field	1995 2005	1996	2007	1998	1999	2000	
Wording of since 08/201 During the la If yes: We were loo Time span 1991	of question as 6 months we obtain for skilled commercial properties of the commercial properties of th	e had vacancies workers in the professions [1] 1993 2003 2013 WEST	following field	1995 2005	1996	2007	1998	1999 2009 2019	2000	
Wording of since 08/201 During the laff yes: We were loo Time span 1991 2001	of question as 6 months we obtain for skilled commercial properties and of variable 1992 2002 Name	e had vacancies workers in the professions [1] 1993 2003 2013 WEST EAST	following field 1994 2004 Label	1995 2005	1996 2006 2016	2007	1998 2008 2018	1999 2009 2019	2000	Further information Survey frequency
Wording of since 08/201 During the latif yes: We were loo Time span 1991 2001 2011	of question as to a months we obtain for skilled commercial of the commercial of th	e had vacancies workers in the professions [1] 1993 2003 2013 WEST EAST	following field 1994 2004 Label	1995 2005	1996 2006 2016	2007	1998 2008 2018	1999 2009 2019	2000	Further information
Wording of since 08/201 During the latif yes: We were loo Time span 1991 2001 2011	of question as 6 months we obtain for skilled commercial properties and of variable 1992 2002 Name	e had vacancies workers in the professions [1] 1993 2003 2013 WEST EAST	following field 1994 2004 Label	1995 2005	1996 2006 2016	2007	1998 2008 2018	1999 2009 2019	2000	Survey frequency annual survey, August
Wording of since 08/201 During the latif yes: We were loo Time span 1991 2001 2011	of question as 6 months we obtain for skilled commercial properties and of variable 1992 2002 2012 Name bau_vache of question	e had vacancies workers in the professions [1] 1993 2003 2013 WEST EAST	following field 1994 2004 Label	1995 2005	1996 2006 2016	2007	1998 2008 2018	1999 2009 2019	2000	Further information Survey frequency
Wording of since 08/201 During the laif yes: We were loo 2001 2011 No. 3.110) Wording of since 08/201	of question as 6 months we obtain for skilled commercial properties and of variable 1992 2002 2012 Name bau_vache of question	e had vacancies workers in the professions [1] 1993 2003 2013 WEST EAST	following field 1994 2004 Label vacancies dur	1995 2005	1996 2006 2016	2007	1998 2008 2018	1999 2009 2019	2000	Survey frequency annual survey, August

	sales	occupation [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
		MECT							
		WEST EAST							

No.	Name	Label	Survey period	Survey frequency
3.111)	bau_vaclhy_mc	vacancies during last 6 months: managerial staff (commerce)	East und West since 08/2013	annual survey, August
Wording of	f question			
				Further information
since 08/2013	3			

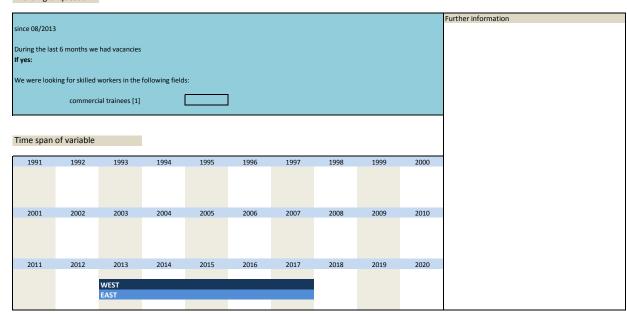
During the last	6 months we	had vacancies								
We were look	ng for skilled	workers in the	following field	s:						
com	mercial mana	gerial staff [1]								
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2003	2001	2003	2000	2007	2000	2003	2010	
2011	2042	2042	2014	2045	2046	2047	2040	2040	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								

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



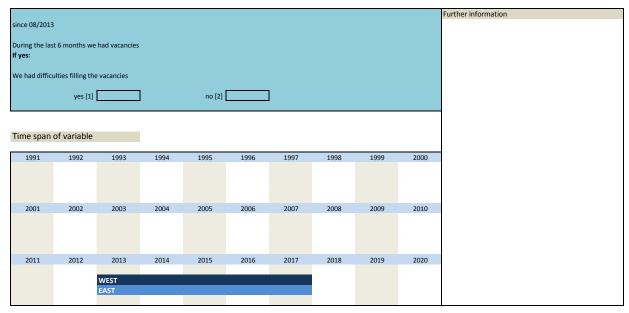


No.	Name	Label	Survey period	Survey frequency
3.113)	bau vaclhy tc	vacancies during last 6 months: trainees (commerce)	East und West since 08/2013	annual survey, August



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

Wording of question



No	0.	Name	Label	Survey period	Survey frequency
3.1	115)	bau_difil_cp	difficulties filling vacancies: commercial professions	East und West since 08/2013	annual survey, August
	- /		6		1, 1, 1,

	Further information
since 08/2013	

During the I	last 6 months we	had vacancies							
How long d	id you have diffi	culties filling th	e vacancies (in	months)?					
for commer	rcial professions								
	0 to 3 [1]		4 to 6 [2]		more than 6 [3]	vacancies not	filled yet [4]	
]]			
Time spa	n of variable								
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		WEST							
		EAST							

No. Name Label Survey period Survey frequency

question								3/2013	
									Further information
6 months we	had vacancies	5							
ou have diffic	culties filling th	ne vacancies (in	months)?						
ation									
to 3 [1]		4 to 6 [2]		more than 6 [3]		vacancies not f	filled yet [4]		
]								
f variable	1993	1994	1995	1996	1997	1998	1999	2000	
1332	1333	1554	1333	1550	1337	1336	1333	2000	
2002	2003	2004	2005	2006	2007	2008	2009	2010	
		2014	2015	2016	2017	2018	2019	2020	
)	f variable 1992 2002	f variable 1992 1993 2002 2003	f variable 1992 1993 1994 2002 2003 2004 WEST	f variable 1992 1993 1994 1995 2002 2003 2004 2005 WEST	f variable 1992 1993 1994 1995 1996 2002 2003 2004 2005 2006 2012 2013 2014 2015 2016 WEST	f variable 1992 1993 1994 1995 1996 1997 2002 2003 2004 2005 2006 2007 2012 2013 2014 2015 2016 2017 WEST	f variable 1992 1993 1994 1995 1996 1997 1998 2002 2003 2004 2005 2006 2007 2008 2012 2013 2014 2015 2016 2017 2018	f variable 1992 1993 1994 1995 1996 1997 1998 1999 2002 2003 2004 2005 2006 2007 2008 2009 2012 2013 2014 2015 2016 2017 2018 2019 WEST	ation 2 to 3 [1] 4 to 6 [2] more than 6 [3] vacancies not filled yet [4] f variable 1992 1993 1994 1995 1996 1997 1998 1999 2000 2002 2003 2004 2005 2006 2007 2008 2009 2010 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST

No.	Name	Label	Survey period	Survey frequency
3.117)	bau difil mc	difficulties filling vacancies: managerial staff (commerci	East und West since 08/2013	annual survey, August
			•	,, 0

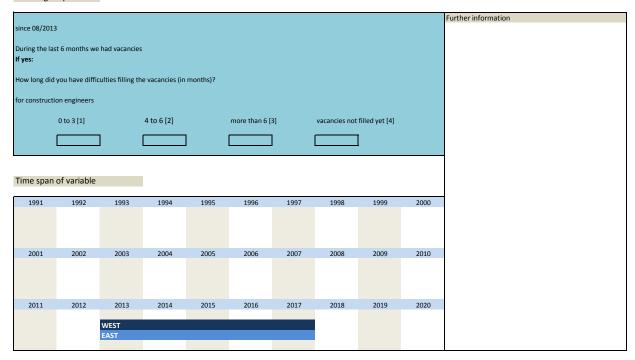
Wording of question

Further information

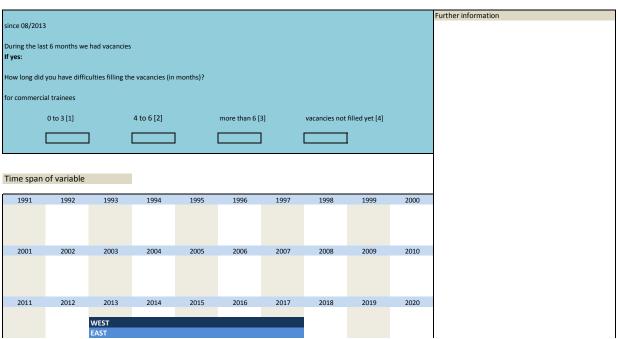
Time span o	of variable								
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000

20	001	2002	2003	2004	2005	2006	2007	2008	2009	2010
20	011	2012	2013	2014	2015	2016	2017	2018	2019	2020
			WEST							
			EAST							

No.	Name	Label	Survey period	Survey frequency
3.118)	bau_difil_ce	difficulties filling vacancies: construction engineer	East und West since 08/2013	annual survey, August



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



No.	Name		Label				Survey peri	od		Survey frequency
3.120)	bau_vacre	pfea	% of vacancies	reported to fe	ederal employr	ment agency	East und W	est since 08	3/2013	annual survey, August
Wording o	of question									
wording o	n question									
since 08/2013	3									Further information
During the la	st 6 months we	had vacancies								
If yes:	Se o monens we	nua vacanties								
About	% c	f these vacanci	ies were report	ed to the fede	ral employmer	nt agency				
Time snan	of variable									
rime span										
1991	1992	1993	1994	1995	1996	1997				
							1998	1999	2000	
							1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	1999	2000	
2001	2002	2003	2004	2005	2006					
						2007	2008	2009	2010	
2001	2002	2003	2004	2005	2006					
						2007	2008	2009	2010	

Label Survey period Survey frequency

3.121)	bau_seskiv	/ly	search for skil	led workers vs	. last year		East und W	est since 08	3/2013	annual survey, August
Wording o	of question									
since 08/201	3									Further information
	st 6 months we	had vacancies								
	last year the s	earch for skille	d workers was							
	more easy [1]									
	unchanged [2 more difficult									
	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011		WEST	2014	2015	2010	2017	2018	2019	2020	
		EAST								

No.	Name	Label	Survey period	Survey frequency
3.122)	bau_fambus	family business	East and West 02/2014	once
Wording	of question			
02/2014				Further Information
D) For resea	rch purposes?			

					dominately by o	ne or more fa	milies that are	connected)		
Time	e span	of variable		ı						
1	.980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1	.990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2	000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2	010	2011	2012	2013	2014 WEST	2015	2016	2017	2018	2019
					EAST					

	Name		Label				Survey peri	ou		Survey frequency
.123)	bau_ref1		refugees ques	tion 1			East and W	est 10/201	5	once
Wording o	of question									
										Further Information
0/2015										
. How large	do you assess tl	he potential of	asylum seeker	rs to be emplo	yed in the follo	wing positions	i?			
			[1] small		[2] large					
	trainees									
										4
ime span	of variable									
ime span	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981									
1980	1981									
1980	1981									
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	

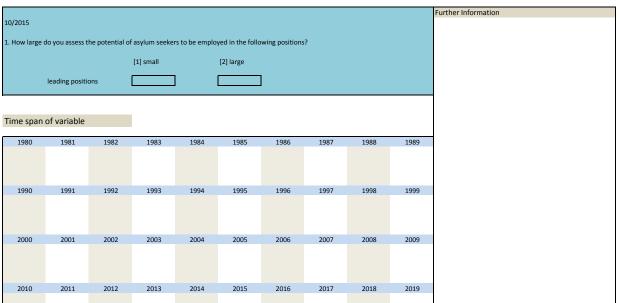
No.	Name		Label				Survey per	iod		Survey frequency
3.124)	bau_ref2		refugees ques	tion 2			East and W	/est 10/201	5	once
Wording o	f question									
10/2015										Further Information
1. How large	do you assess th	e potential o	of asylum seeker	s to be empl	oyed in the follo	wing positions	s?			
			[1] small		[2] large					
	unskilled aid w	orkers								
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	

No. Name

1									1
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
					WEST EAST				

	No.	Name		Label				Survey perio	d		Survey frequency
	3.125)	bau_ref3		refugees quest	ion 3			East and We	st 10/201	5	once
	Wording of	fquestion									
	wording of	question									
	10/2015										Further Information
	1. How large o	do you assess the	e potential of	asylum seeker	s to be emplo	yed in the follow	wing positions	s?			
				[1] small		[2] large					
		skilled workers									
L											
	Time span	of variable									
Ī	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
ı	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
١											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
ı											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
	2010	2011	2012	2013	2014		2016	2017	2018	2019	
						WEST EAST					
						EASI					

No.	Name	Label	Survey period	Survey frequency
3.126)	bau_ref4	refugees question 4	East and West 10/2015	once



No. Name Label Survey period Survey period Survey period Oceanors Survey period Survey period Ocean Company (Program ocean Company Com						WEST EAST					
### Authorized Company											
More	No.	Name		Label				Survey per	riod		Survey frequency
More	3 12	7 hau ref5		refugees ques	stion 5			Fast and M	/est 10/201	15	once
Time span of variable No. Name Label Survey period Survey period Survey period Survey frequency 102015 102025 2 how much to in obstacle to employing evylum seelers do you consider the following factors to be in your branch: 111 time span of variable 1990 2011 2012 2013 2014 2015 2016 2017 2018 2019 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 1991 1992 1993 1994 1995 1996 1997 1998 1999 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 1991 1992 1993 1994 1995 1996 1997 1998 1999 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2018 2018 2019 2019 2019 2019 2019 2019 2019 2019								Last and Vi	vest 10/20		onec
1. How large do you assess the potential of anylums seckers to be employed in the following positions?		or question									Further Information
Time span of variable	10/2015										
Time span of variable 1980	1. How large	e do you assess t	he potential o		rs to be empl		ving position	ns?			
Time span of variable 1980		other perition		[1] small		[2] large					
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 Winst EAST No. Name Label Survey period Survey period Survey frequency 3.128) bau_ref6 refugees question 6 East and West 10/2015 once Wording of question 10/2015 2. how much of an obstacle to employing anytum seekers do you consider the following factors to be in your branch: [1] little [2] much [2] much [3] little [2] much [4] little [2] much [5] little [2] much [6] 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		other position	5								
1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 No. Name Label Survey period Survey frequency 3.128) bau_ref6 refugees question 6 East and West 10/2015 once Wording of question 10/2015 Z. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: [3] little [2] much [3] little [2] much [3] little [12] much [3] little [13] little [14] much [4] liabor law-related provisions Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	Time spar	n of variable									
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WYSST 2A5T No. Name Label Survey period Survey frequency 3.128) bau_ref6 refugees question 6 East and West 10/2015 once Wording of question 10/2015 2. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: [1] little [2] much 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	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
2010 2011 2012 2013 2014 2015 2016 2037 2018 2019 2010 2011 2012 2013 2014 2015 2016 2037 2018 2019 No. Name Label Survey period Survey frequency 3.128) bau_ref6 refugees question 6 East and West 10/2015 once Wording of question 10/2015 2. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: [1] little [2] much 1abor law-related provisions 11980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019											
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST FAST No. Name Label Survey period Survey frequency 3.128) bau_ref6 refugees question 6 East and West 10/2015 once Wording of question 10/2015 2. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: [1] little [2] much labor law-related provisions 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	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST FAST No. Name Label Survey period Survey frequency 3.128) bau_ref6 refugees question 6 East and West 10/2015 once Wording of question 10/2015 2. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: [1] little [2] much labor law-related provisions 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											
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST FAST No. Name Label Survey period Survey frequency 3.128) bau_ref6 refugees question 6 East and West 10/2015 once Wording of question 10/2015 2. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: [1] little [2] much labor law-related provisions 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	2000	2001	2002	2002	2004	2005	2006	2007	2008	2000	
No. Name Label Survey period Survey frequency 3.128) bau_ref6	2000	2001	2002	2003	2004	2003	2000	2007	2000	2009	
No. Name Label Survey period Survey frequency 3.128) bau_ref6											
No. Name Label Survey period Survey frequency 3.128) bau_ref6	2010	2011	2012	2013	2014		2016	2017	2018	2019	
Sast and West 10/2015 Once											
3.128) bau_ref6											
Further Information											
10/2015	No.	Name		Label				Survey per	riod		Survey frequency
10/2015 2. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: [1] little [2] much labor law-related provisions 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					stion 6					15	
2. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: [1] little [2] much labor law-related provisions 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989	3.128)	bau_ref6			stion 6		_			15	
Time span of variable 1980	3.128) Wording (bau_ref6			stion 6					L5	once
Time span of variable 1980	3.128) Wording o	bau_ref6 of question	o employing:	refugees ques		ider the following	factors to b	East and W	Vest 10/202	15	once
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	3.128) Wording o	bau_ref6 of question	o employing	refugees ques			factors to b	East and W	Vest 10/202	15	once
1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	3.128) Wording o	bau_ref6 of question the of an obstacle to		refugees ques asylum seekers			factors to b	East and W	Vest 10/202	15	once
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	3.128) Wording o	bau_ref6 of question the of an obstacle to		refugees ques asylum seekers			factors to b	East and W	Vest 10/202	15	once
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	3.128) Wording of 10/2015 2. how much	bau_ref6 of question th of an obstacle the labor law-rela		refugees ques asylum seekers			factors to b	East and W	Vest 10/202	15	once
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	3.128) Wording (10/2015 2. how much	bau_ref6 of question h of an obstacle t labor law-rela	ted provision:	refugees ques asylum seekers [1] little	do you consi	[2] much		East and W	vest 10/202		once
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	3.128) Wording (10/2015 2. how much	bau_ref6 of question h of an obstacle t labor law-rela	ted provision:	refugees ques asylum seekers [1] little	do you consi	[2] much		East and W	vest 10/202		once
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	3.128) Wording (10/2015 2. how much	bau_ref6 of question h of an obstacle to labor law-rela n of variable	ted provisions	refugees ques asylum seekers [1] little s 1983	do you consi	[2] much	1986	East and W	Vest 10/202	1989	once
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	3.128) Wording (10/2015 2. how much	bau_ref6 of question h of an obstacle to labor law-rela n of variable	ted provisions	refugees ques asylum seekers [1] little s 1983	do you consi	[2] much	1986	East and W	Vest 10/202	1989	once
WEST	3.128) Wording (10/2015 2. how much	bau_ref6 of question h of an obstacle t labor law-rela n of variable 1981	1982	refugees ques asylum seekers [1] little 1983	1984 1994	[2] much	1986	e in your branch	1988 1998	1989	once
WEST	3.128) Wording (10/2015 2. how much	bau_ref6 of question h of an obstacle t labor law-rela n of variable 1981	1982	refugees ques asylum seekers [1] little 1983	1984 1994	[2] much	1986	e in your branch	1988 1998	1989	once
	3.128) Wording 6 10/2015 2. how much 1980 1990 2000	bau_ref6 of question h of an obstacle t labor law-rela 1981 1991 2001	1982 1992 2002	refugees ques asylum seekers [1] little [1] 1983 1993 2003	1984 1994	1985 1995 2005	1986 1996 2006	East and W	1988 1998 2008	1989 1999 2009	once
	3.128) Wording 6 10/2015 2. how much 1980 1990 2000	bau_ref6 of question h of an obstacle t labor law-rela 1981 1991 2001	1982 1992 2002	refugees ques asylum seekers [1] little [1] 1983 1993 2003	1984 1994	1985 1995 2005	1986 1996 2006	East and W	1988 1998 2008	1989 1999 2009	once

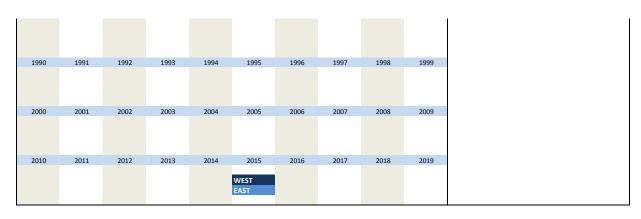
10	/2015									
2.	how much	of an obstacle t	o employing a	sylum seekers	do you consid	ler the followin	g factors to be	in your branch	:	
					[1] little		[2] much			
		unfit level of q	ualification			1				
Ti	me span	of variable								
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	2000	2001	2002	2003	2001	2003	2000	2007	2000	2003

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

No. Name Label Survey period Survey frequency

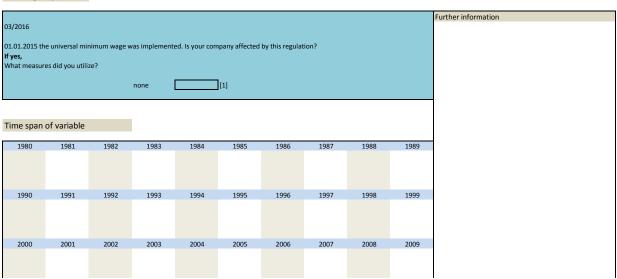
130)	bau_ref8		refugees ques	tion 8			East and W	est 10/201	.5	once
ording (of question		_							
0/2015										Further Information
. how much	n of an obstacle t	o employing	asylum seekers	do you consid	der the following	g factors to be	in your branch	:		
			[1] little		[2] much					
	minimum wag	e								
•	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2000										
2000										1
	2011	2012	2013	2014	2015	2016	2017	2018	2019	
2000	2011	2012	2013	2014	2015 WEST	2016	2017	2018	2019	

NO.	Name		Labei				Survey peri	oa		Survey frequency
3.131)	bau_ref9		refugees questi	on 9			East and W	est 10/2015	5	once
Wording (of question									
Tronuing (or question									
10/2015										Further Information
2 how much	n of an obstacle to e	emnloving a	sylum seekers d	o vou consi	der the following	factors to be	e in your branch			
2. 11011 111001	TOT UIT ODSIGNE TO			o you consi		, ractors to be	your brunen			
			[1] little		[2] much					
	lack of language	skills								
Time spar	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1900	1901	1902	1905	1904	1905	1900	1907	1900	1909	



No.	Name		Label				Survey per	iod		Survey frequency
			_							
3.132)	bau_minim	_post1	affected by mi	nimum wage			East and W	est 03/201	.6	once
Wording o	of question									
										Further information
03/2016										
01.01.2015 th	he universal mii	nimum wage v	was implemente	ed. Is your con	npany affected	l by this regulat	tion?			
			[1] yes		[2] no					
					. ,	1				
Time span	of variable									
	of variable	1002	1002	1004	1005	1000	1007	1000	1000	
Time span	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981									
		1982	1983	1984	1985 1995	1986	1987 1997	1988	1989	
1980	1981									
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981									
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980 1990 2000	1981 1991 2001	1992	1993	1994	1995	1996	1997 2007	1998	1999	

No.	Name	Label	Survey period	Survey frequency
3.133)	bau_minim_post2	no minimum wage measures	East and West 03/2016	once



1										
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
							WEST EAST			

	Name		Label				Survey peri	iod		Survey frequency
3.134)	bau_minim	_post3	measures: em	iployee reducti	ion		East and W	est 03/201	6	once
Wording o	of question									
03/2016										Further information
01.01.2015 tl	he universal mir	nimum wage v	vas implement	ed. Is your com	pany affected	by this regulat	tion?			
	res did you utili:	ze?								
		employee rec	luction		[1]					
					(-)					
Time span	of variable									
Time span	of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983 1993	1984	1985 1995	1986	1987 1997	1988	1989	
1980	1981									
1980	1981									
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981									
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	

No.	Name		Label				Survey per	iod		Survey frequency
3.135)	bau_minim	_post4	measures: wo	rking hour redu	uction		East and W	/est 03/201	.6	once
Wording	of question									
										E 11 . E 11
03/2016										Further information
 01 01 2015	the universal min	imum wage y	vas imnlementi	ad Is vour com	nany affected	l by this regulat	ion?			
If yes,		_	vas implement	ca. is your com	pany anected	i by tins regulat				
What measu	ures did you utiliz	e?								
	,	working hour	reduction		[1]					
Time spar	n of variable									
Time spar	n of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981									
1980	1981									
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981									
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981 1991 2001	1992	1993	1994	1995 2005	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995	1996	1997	1998	1999	

No.	Name	Label	Survey period	Survey frequency
3.136)	bau_minim_post5	measures: increased prices	East and West 03/2016	once

(f yes,	es did you utiliz				pany affected	d by this regulat	tion?			Further information
	Γime span	of variable									
ſ	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
3.137)	bau_minim	_post6	measures: de	reased investr	ment		East and W	/est 03/201	16	once
Wording	of question									
										Further information
03/2016										ruttiei iiiloitilatioti
01 01 2015	the universal min	nimum wage	was imnlement	ed Is vour com	ınany affected	l hy this regulat	ion?			
If yes,		_	nus imprement	za. is your com	parry arrected	o by anoregular				
What meas	ures did you utiliz	ze?								
		decreased in	vestment		[1]					
T:	f:- - -									
rime spa	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
1990	1991	1992	1993	1994	1995 2005	1996	1997 2007	1998	1999	
			2003	2004						
2000	2001	2002			2005	2006	2007	2008	2009	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	

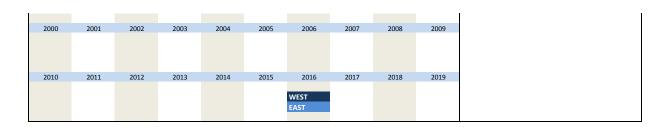
3.138)	bau_minim_post7	measures: decreased special payments	East and West 03/2016	once
Wording	of question			
03/2016				Further information
If yes,	he universal minimum wage v ires did you utilize?	vas implemented. Is your company affected by this regul	ation?	
	decresed special payments	[1]		

No. Name Label Survey period Survey frequency

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			

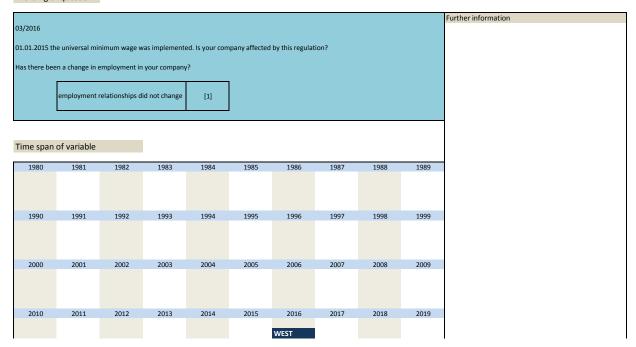
East and West 03/2016 Once	No.	Name		Label				Survey per	iod		Survey frequency
Wording of question 03/2016 01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation? Has there been a change in employment in your company? less minijobs											
03/2016 01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation? Has there been a change in employment in your company? less minijobs [1] Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	3.139)	bau_minim	_post8	less minijobs				East and W	est 03/201	6	once
03/2016 01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation? Has there been a change in employment in your company? less minijobs	Wording o	of question									
03/2016 01.01.2015 the universal minimum wage was implemented. Is your company affected by this regulation? Has there been a change in employment in your company? less minijobs											Further information
Has there been a change in employment in your company? less minijobs	03/2016										
Time span of variable 1980	01.01.2015 th	he universal min	nimum wage v	was implemente	d. Is your com	pany affected	d by this regulat	ion?			
Time span of variable 1980	Has there bee	en a change in e	mployment ir	n your company	?						
Time span of variable 1980		less miniiobs				[11]					
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						t=3					
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											
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	Time span	of variable									
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST											
2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST											
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST											
2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST											
WEST	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
WEST											
WEST											
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
EAST											
							EAST				

).	Name		Label				Survey peri	iod		Survey frequency	
40)	bau_minim	nost9	miniiobs trans	formed into ins	surable employi	ment	East and W	lest 03/201	6	once	
40)	bau_IIIIIIII	i_post3	,,		,,,,,,,,,		Last and W	est 03/201	.0	Office	
ording o	of question										
										Further information	
2016										ruttier information	
01.2015 th	he universal mir	nimum wage v	vas implemente	ed. Is your com	pany affected b	y this regulat	ion?				
there hee	en a change in e	employment in	vour company	?							
s there bee	en a change in e	employment ir	your company	?							
s there bee											
s there bee	en a change in e minijobs were employment			[1]							
s there bee	minijobs were										
s there bee	minijobs were										
	minijobs were employment										
	minijobs were										
me span	minijobs were employment	transformed	into insurable	[1]	1085	1986	1987	1988	1080		
	minijobs were employment				1985	1986	1987	1988	1989		
me span	minijobs were employment	transformed	into insurable	[1]	1985	1986	1987	1988	1989		
me span	minijobs were employment	transformed	into insurable	[1]	1985	1986	1987	1988	1989		
me span	minijobs were employment of variable 1981	transformed	into insurable	[1]							
me span	minijobs were employment	transformed	into insurable	[1]	1985	1986	1987	1988	1989		



No.	Name		Label				Survey per	od		Survey frequency
3.141)	bau_minim	_post10	new insurable	employment			East and W	est 03/201	.6	once
Wording o	f question									
										Further information
03/2016										, article mornices.
01.01.2015 th	ne universal mir	imum wage v	vas implement	ed. Is your com	pany affecte	d by this regulat	ion?			
las there be	en a change in e	mployment ir	n your company	/?						
	new insurable generated	employment	was	[1]						
Time span	of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2014	2042	2042	2014	2045	2046	2047	2010	2040	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST EAST				

No	э.	Name	Label	Survey period	Survey frequency
3.1	142)	bau_minim_post11	employment relationships did not change	East and West 03/2016	once



EAST

Further information

No. Name Label Survey period Survey frequency

3.143) bau_credityes credit agreement signed East and West 06/2016 once

Wording of question

06/2016

Have you signed one or more credit agreements with banks during the last 12 months? (e.g. new credits, debt restructuring or prolungation of a credit/ line of credit)

Yes:

[1] amount and conditions as expected
[2] amount as expected, worse conditions
[3] conditions as expected, lower amount
[4] lower amount and worse conditions than expected

Time span of variable

1980 1981 1982 1983 1984 1985 1986 1987 1988 1990 1991 1992 1993 1994 1995 1996 1997 1998 2000 2001 2002 2003 2004 2005 2006 2007 2008	
	1989
	1999
2000 2001 2002 2003 2004 2005 2006 2007 2008	1333
2000 2001 2002 2003 2004 2005 2006 2007 2008	
2000 2001 2002 2003 2004 2005 2006 2007 2008	
2000 2001 2002 2003 2004 2005 2006 2007 2008	
	2009
2010 2011 2012 2013 2014 2015 2016 2017 2018	2019
2010 2011 2012 2013 2014 2015 2016 2017 2018	2019
WEST	
EAST	
LAST	

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

Wording of question

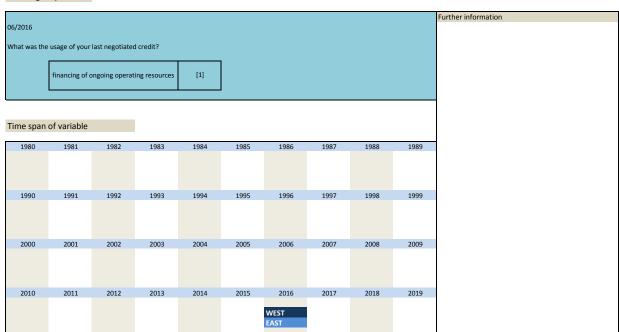
Time span of variable

1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	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

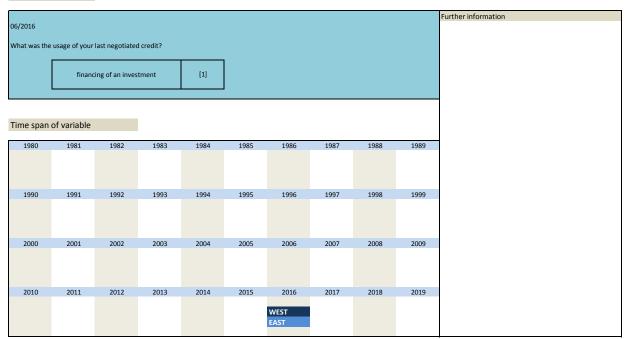
3.145) bau_credituse1 financing of ongoing operating resources East and West 06/2016 once

Wording of question



No. Name Label Survey period Survey frequency

3.146) bau_credituse2 financing of an investment East and West 06/2016 once



No.	Name	Label	Survey period	Survey frequency
3.147)	bau_credituse3	other financing	East and West 06/2016	once
Mording	of avestion			
wording	of question			
				Further information
06/2016				

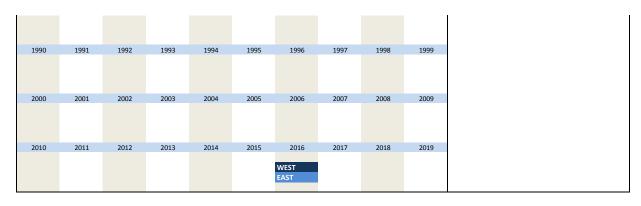
What was the	usage of your	last negotiated	d credit?	[1]					
Time span	of variable								
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						WEST			

INO.	Ivallie		Label				our vey per	iou		Survey frequency
3.148)	bau_midm	anager	mid tier: more	than 4 mana	agers		East and W	est 09/201/	6	once
Wording	of question									
09/2016										Further information
mid tier Does your o	ompany have m	ore than 4 mar	nagers?							
	,						1			
		yes [1]			no [2]					
Time spar	n of variable									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	
2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
						WEST				
						EAST				

									_		
3.149)	bau_midm	nanshare	mid tier: at lea	ast one manag	er nas snares		East and W	/est 09/201	6	once	
Wording	of question										
										Further information	
09/2016											
midtier											
Does at leas	st one of your m	anagers hold s	hares of your co	mpany?							
	•	, i	•								
		yes [1]			no [2]						
										1	
Time spa	n of variable										
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989		
										1	

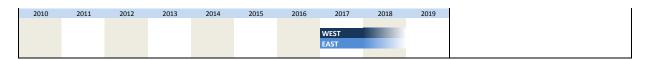
Survey period

Survey frequency



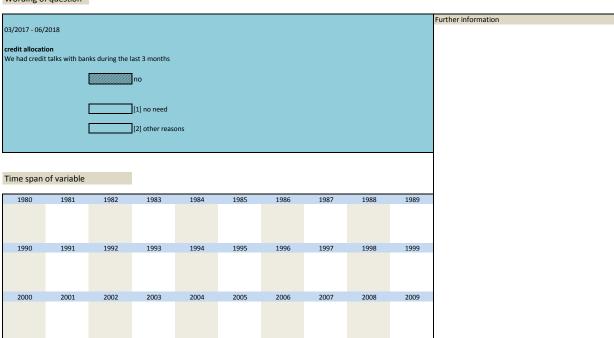
No.	Name		Label				Survey per	iod		Survey frequency
3.150)	bau_midye	S	mid tier: comp	oany rated as n	nid tier		East and W	/est 09/201	.6	once
Wording	of question									
										Further information
09/2016										rurther information
mid tier										
	rate your compar	ıy as a "mid tie	er" company?							
		yes [1]			no [2]					
		,								
										1
Time spar	n of variable									
Time spar	n of variable	1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
		1982	1983	1984	1985	1986	1987	1988	1989	
1980	1981								1989	
		1982	1983	1984	1985 1995	1986	1987	1988		
1980	1981									
1980	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981									
1980	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995 2005	1996	1997	1998	1999	
1980	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	
1980	1981	1992	1993	1994	1995 2005	1996	1997	1998	1999	

	Name		Label				Survey peri	od		Survey frequency
51)	bau_credit2	_1	credit seeking				East and W	est since 0	3/2017	March, June, September, Decembe
ording o	f question									
/2017										Further information
dit allocati	on									
	talks with bank	s during the la	ast 3 months							
	_			ſ		l				
	L		[1] yes			[2] no				
ne span	of variable									
	OI VAIIADIC									
1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983	1984	1985	1986	1987	1988	1989	
1980		1982	1983 1993	1984	1985 1995	1986	1987	1988	1989	
	1981									
	1981									
	1981									
1990	1981 1991	1992	1993	1994	1995	1996	1997	1998	1999	



No. Survey frequency 3.152) bau_credit2_2 credit allocation East and West since 03/2017 March, June, September, December Wording of question Further information 03/2017 - 06/2018 credit allocation
We had credit talks with banks during the last 3 months yes Banks behaved ... in these [1] accomodating [2] normal [3] reserved Time span of variable WEST EAST

No	o.	Name	Label	Survey period	Survey frequency
3.1	.53)	bau_credit2_3	reasons for not credit seeking	East and West since 03/2017	March, June, September, December

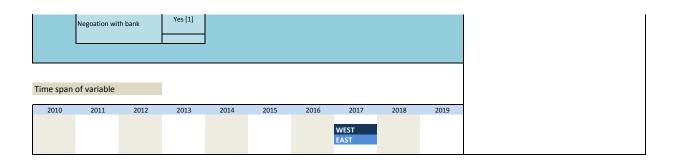


١	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
								WEST		
								EAST		
ı										

	••									
No.	Name		Label				Survey peri	oa		Survey frequency
3.154)	bau_negint			confronted wi	th negative into	erest rates	East and W	est since 0	6/2017	once
Wording	of question									
	·									
Jun 1	7									Further information
	Have you face	d negative int	erest rates on o	capital contribu	tion by at least	one of your	banks?			online only
		, and the second								, i
			Yes [1]	No [2]						
Time snar	of variable									
Time spai	TOT VARIABLE									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
							WEST			
							EAST			

No.	Name	Label			Survey peri	od	Survey frequency
3.155)	bau_negint_no	pact	negative interest action	ons: none	East and W	est since 06/2017	once
Wording o	of question						
Jun 17	,						Further information
	Have you faced ne	gative interest rates or	capital contribution by	at least one of you	r banks?		multiple nominations are possible
	If Yes						online only
	Which arrangemer	nts did you choose, to a	void payments of negat	ive interest rates?			
	na arrangements - interest rate accep						
		<u>'</u>					
Time span	of variable						
2010	2011	2012 2013	2014 20	15 2016	2017	2018 2019	
					WEST EAST		

No.	Name	Label		Survey period	Survey frequency
3.156)	bau_negint_agree			East and West since 06/2017	once
			agreements		
Wording	of question				
	·				
Jun 1	7				Further information
	Have you faced negative in	terest rates on	capital contribution by at least one of your	banks?	multiple nominations are possible
	If Yes			online only	
	Which arrangements did yo	ou choose, to a	void payments of negative interest rates?		
	Which arrangements did yo	ou choose, to a	void payments of negative interest rates?		



No.	Name	Label			Survey period	Surve	y frequency
3.157)	bau_negint_chang	e	negative interes	t actions: change of bank	East and West since 06/2	017 once	
Wording	of question						
Jun 1	.7					Further information	
	Have you faced negativ	e interest rates o	n capital contribution	on by at least one of your	banks?	multiple nominations	are possible
	If Yes					online only	
	Which arrangements d	d you choose, to a	avoid payments of	negative interest rates?			
			_				
	Change to another ban						
	which does not require negative interest rates						
	negative interest rates	yet)					
Time spar	n of variable						
Time spar	n of variable						
Time span	n of variable	2013	2014	2015 2016	2017 2018	2019	

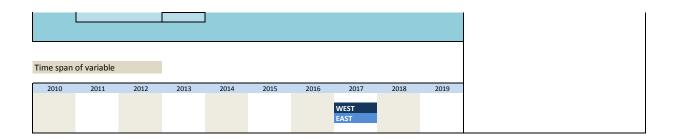
No.	Name	Label		Survey period	Survey frequency
3.158)	bau_negint_inc		negative interest actions: increase of cash	East and West since 06/2017	once
Wording	of question				
Jun 1	.7				Further information



No.	Name	Label			Survey per	iod		Survey frequency
3.159)	bau_negint_	redas		t actions: redeployment		est since 06	5/2017	once
			in other financia	ii assets and settlement	DΤ			
Wording	of question							
	·							
Jun	17							Further information
	Have you faced	negative interest rates	multiple nominations are possible					
	If Yes							online only
	Which arranger	ments did you choose, to	avoid payments of	negative interest rates?				
	Shift to other fi	nancial V						
	assets and prep	ayment Yes [1]						
	credit							
Time sna	n of variable							
2010	2011	2012 2013	2014	2015 2016	2017	2018	2019	
					WEST			
					EAST			

No.	Name	Label			Survey peri	bc		Survey frequency
3.160)	bau_negint_reda	sint	negative interes	st actions: redeploymen company	East and W	est since O	6/2017	once
Wording	g of question							
Jun	17						F	Further information
	Have you faced negati	ive interest rates or	n capital contributi	on by at least one of yo	ır banks?		n	nultiple nominations are possible
	If Yes						C	online only
	Which arrangements of	did you choose, to	avoid payments of	negative interest rates?				
	Rearrangements of fu to other segments of t company							
Time spa	an of variable							
2010	2011 201	12 2013	2014	2015 2016	2017	2018	2019	
					WEST EAST			
					LASI			

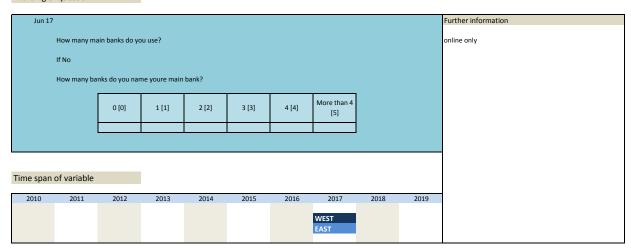
No.	Name	Label	Survey period	Survey frequency				
			,,	, , ,				
3.161)	bau_negint_inv	negative interest actions: investing o	East and West since 06/2017	once				
		preponing (additional) investments						
Word	ding of question							
	Jun 17			Further information				
	Have you faced negative i	interest rates on capital contribution by at least one of	erest rates on capital contribution by at least one of your banks?					
	If Yes			online only				
		you choose, to avoid payments of negative interest rat	es?	online only				
		you choose, to avoid payments of negative interest rat	es?	online only				



No.	Name	Labe	el .		Surve	y period		Survey frequency
3.162)	bau_negint_	oth	negative in	terest actions: othe	r East a	nd West since	06/2017	once
Wording	of question							
								Further information
Jun 1	17							Further information
	Have you faced	negative interest r	ates on capital contr	ibution by at least o	one of your banks?			multiple nominations are possible
	If Yes							online only
	Which arrangen	ments did vou choo	se, to avoid paymen	ts of negative inter	est rates?			
		,	,					
	Other: please sp	necify Va	s [1]					
	Other, please sp		3 [1]					
Time spa	n of variable							
2010	2011	2012 2	013 2014	2015	2016 20	7 2018	2019	
2010	2011	2012 2	2014	2013		2016	2013	
					WEST EAST			
					EAST			

No.	Name	L	abel				Survey perio	od		Survey frequency
										carro, requere,
3.163)	bau_negint_b	ourden		burden of neg	ative interest r	ates on profit	East and We	est since 0	6/2017	once
				situation						
Wording o	of question									
Jun 17	7									Further information
	Negative interest	rates have a	negative imp	act on our rev	enues					online only
			highly significant		negiligible or					
		_	[1]	[2]	not at all [3]					
		_								
Time span	of variable									
2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
							WEST			
							EAST			

No.	Name	Label		Survey period	Survey frequency
3.164)	bau_negint_banks		number of relationship banks	East and West since 06/2017	once



No.	Name		Label				Survey perio	bc			Survey frequency	
3.165)	bau_sd		special difficul	ties: severe pr	oblems		West and Ea	ast since A	pril 2018		April, Sept.	
Wording o	f question											
										Further info	ormation	
Since 04/201	8											
pecial diffic	ultion									Belongs to: 3.22)	bau_sdco	
	any problems (during the last	6 Months?							3.22)	bau_sddp	
,	, p	8								3.24)	bau_sdlap	
										3.25)	bau_sdbreach	
		Yes [2]	No [1]							3.26)	bau_sdcc	
										3.27)	bau_sdda	
										3.28) 3.29)	bau_sdlop bau_sdnopro	
										3.29)	bau_sunopro	
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			
							144505					
							WEST EAST					
							27.01					