

# List of variables

# **Ifo Business Survey Construction**

Data: 1/1991-12/2013

As of July 2014

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## List of variables - Ifo Business Survey Construction

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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) code code of data set Codierung des Datensatz 1.2) idnum firm X adress file id Firmenidentifikationsnummer 1.3) runnum running number of plant Laufende Firmennummer 1.4) sector sector Bausektor 1.5) year year Erhebungsjahr 1.6) plantnum KT information id 12-stellige KT Identifikationsnummer 1.7) fedstaifo federal state (ifo-code) Bundesland entsprechend ifo Codierung	
1.2) idnum firm X adress file id Firmenidentifikationsnummer  1.3) runnum running number of plant Laufende Firmennummer  1.4) sector sector Bausektor  1.5) year year Erhebungsjahr  1.6) plantnum KT information id 12-stellige KT Identifikationsnummer  1.7) fedstaifo federal state (ifo-code) Bundesland entsprechend ifo Codierung	
1.2)     idnum     firm X adress file id     Firmenidentifikationsnummer       1.3)     runnum     running number of plant     Laufende Firmennummer       1.4)     sector     sector     Bausektor       1.5)     year     year     Erhebungsjahr       1.6)     plantnum     KT information id     12-stellige KT Identifikationsnummer       1.7)     fedstaifo     federal state (ifo-code)     Bundesland entsprechend ifo Codierung	
runnum running number of plant Laufende Firmennummer  1.4) sector sector Bausektor  1.5) year year Erhebungsjahr  1.6) plantnum KT information id 12-stellige KT Identifikationsnummer  1.7) fedstaifo federal state (ifo-code) Bundesland entsprechend ifo Codierung	
1.4)     Sector     sector     Bausektor       1.5)     year     Erhebungsjahr       1.6)     plantnum     KT information id     12-stellige KT Identifikationsnummer       1.7)     fedstaifo     federal state (ifo-code)     Bundesland entsprechend ifo Codierung	
1.5)     year     Erhebungsjahr       1.6)     plantnum     KT information id     12-stellige KT Identifikationsnummer       1.7)     fedstaifo     federal state (ifo-code)     Bundesland entsprechend ifo Codierung	
plantnum     KT information id     12-stellige KT Identifikationsnummer       1.7)     fedstaifo     federal state (ifo-code)     Bundesland entsprechend ifo Codierung	
1.7) fedstaifo federal state (ifo-code) Bundesland entsprechend ifo Codierung	
1.8) month month Monat	
1.9) latecomer latecomer Nachzügler	
1.10) Westeast western eastern Unterscheidung zwischen West- und Ost-Erhebung	
1.11) online online Fragebogen online beantwortet	
1.12) Survey_start Umfragebeginn	
1.13) survey_end umfrageende umfrageende	
1.14) participation_date participation date Teilnahmedatum	
1.15) participation_hour participation hour Teilnahmestunde	
1.16) participation_status participation status Teilnahmestatus	

#### 2. Standard questions

#### I. Construction activity

No.	Name	Label	German description
2.1)	conactex	construction activity versus previous month	Bautätigkeit im Vormonat
2.2)	constrain	constraints	Behinderung der Produktionstätigkeit
2.3)	mplack	constraints: lack of manpower	Mangel an Arbeitskräften
2.4)	matlack	constraints: lack of material	Materialknappheit
2.5)	weathcon	constraints: weather conditions	Ungünstige Wetterlage
2.6)	finan	constraints: financing	Unzureichende Finanzierungsmittel
2.7)	ordlack	lack of orders	Mangel an Aufträgen
2.8)	cancord	cancellation of orders	Auftragsstornierungen
2.9)	othrea	constraints: other reasons	Andere Ursachen
2.10)	conactfut	construction activity in 3 month	Bautätigkeit in den nächsten 3 Monaten

#### II. Construction orders

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

#### III. Prices of construction

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

	IV. Stat	e of business						
No.	Name	Label	German description					
2.17)	statebus	state of business (appraisal)	Beurteilung der Geschäftslage					
2.18)	comexp	expected commercial operations	Erwartungen der Geschäftslage					
	V. Utiliz	ation of capacity*						
			* until 11/2001 "Utilization of equipment"					
No.	Name	Label	German description					
2.19)	equiput2	equipment utilization in %	Kapazitätsauslastung					
2.20)	equiput1	equipment utilization (civil engineering) in %	Kapazitätsauslastung im Bauhauptgewerbe					
	VI. Emp	loyees						
No.	Name	Label	German description					
2.21)	emplexp	expected employees	Erwartete Entwicklung der Gesamtangestelltenzahl					
2.22)	indwork	industrial worker	Gewerbliche Arbeitnehmer					
2.23)	employ	employee	Angestellte					
2.24)	statill	status of employee's illness in %	Krankenstand					

## 3. Special questions

## VII. Special questions\*\*/remarks\*\*\*

No.	Name	Label	** main construction trades, *** prefabricated building construction  German description
	ivaine	Lauci	German description
3.1)	backconst	backlog of constructions	Überhang an Bauten
3.2)	subannsal	subcontractor: % of annual sales	Umsatz Subunternehmer in Prozent zum eigenen Jahresumsatz
3.3)	submain	subcontractor: % for main contract work	Subunternehmerleistungen des Bauhauptgewerbes
3.4)	subupgr	subcontractor: % for upgrading work	Subunternehmerleistungen des Ausbaugewerbes
3.5)	subtrans		· · · · · · · · · · · · · · · · · · ·
	subreba	subcontractor: % for transport company	Subunternehmerleistungen von Transportunternehmen Subunternehmerleistungen von Biegen und Verlegen von Betonstahl
3.6)		subcontractor: % for reinforcing bars	
3.7)	subfowo	subcontractor: % for formwork	Subunternehmerleistungen von Schalungsarbeiten / Gerüstbau
3.8)	subdiv	subcontractor: % for other companies	Subunternehmerleistungen von sonstigen Unternehmen
3.9)	subfor	% for foreign subcontractors	Leistungen ausländischer Subunternehmer
3.10)	undcons	% of undocumented constructions	Statistisch noch nicht erfasste Bauten
3.11)	sphadis	sphere of action: % in same district	Umsatz im eigenen Landkreis
3.12)	sphasfs	sphere of action: % in same federal state	Umsatz im eigenen Bundesland
3.13)	sphaofs	sphere of action: % in other federal state	Umsatz in anderem Bundesland
3.14)	sphafc	sphere of action: % in foreign country	Umsatz im Ausland
3.15)	witiwoth	wintertime: work through	Winterbau
3.16)	witilo	wintertime: lack of orders	Winterbau: Mangel an Aufträgen
3.17)	witirc	wintertime: reasons of construction	Winterbau: baubetriebliche Gründe
3.18)	witipw	wintertime: preference of workers	Winterbau: Präferenzen der Arbeiter
3.19)	flight_ger	importance of flight connections in Germany	Bedeutung von Flugverbindungen zu Zielen in Deutschland
3.20)	flight_eur	importance of flight connections in Europe	Bedeutung von Flugverbindungen zu Zielen in Europa
3.21)	flight_world	importance of flight connections worldwide	Bedeutung von Flugverbindungen zu Ziele weltweit
3.22)	sdbreach	special difficulties: breach of VOB-conditions	Verletzung der VOB-Bestimmungen
3.23)	sddp	special difficulties: defaulting payment	Säumige Zahlungsweise der Auftraggeber
3.24)	sdlap	special difficulties: labor piracy of manpower	Abwerbung von Arbeitskräften
3.25)	sdco	special difficulties: cancelation of order	Auftragsstornierungen
3.26)	sdnopro	special difficulties: no severe problems	Keine größeren Probleme
3.27)	sdcc	special difficulties: constraints of construction	Baubehinderung
3.28)	sdda	special difficulties: delay of final acceptance	Verzögerte Bauabnahme
3.29)	sdlop	special difficulties: accept the bid by the lowest price	Zuschlagserteilung auf das billigste Angebot
3.30)	wh1	working hours: payment of overtime	Bezahlung zusätzlicher Stunden
3.31)	wh2	working hours: development	Entwicklung zusätzlich bezahlter Stunden
3.32)	wh3	working hours: number in t-1	Zusätzlich bezahlte Stunden in t-1
3.32)	wh4	working hours: number in t-2	Zusätzlich bezahlte Stunden in t-2
3.34)	chord1		Auftragsentwicklung in 2 Monaten
	chord2	range of orders within next 2 months: complete	
3.35)	chord3	range of orders within next 2 months: other civil engineering	Auftragsentwicklung in 2 Monaten: sonstiger Tiefbau
3.36)	CHOIGS	range of orders within next 2 months: public civil engineering	Auftragsentwicklung in 2 Monaten: Öffentlicher Hochbau
3.37)	chord4	range of orders within next 2 months: industrial civil engineering	Auftragsentwicklung in 2 Monaten: Gewerblicher Bau
3.38)	chord5	range of o. w. next 2 m.: domestic construction, complete	Auftragsentwicklung in 2 Monaten: Wohnungsbau insgesamt
3.39)	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)	chord7	range of orders within next 2 months: road construction	Auftragsentwicklung in 2 Monaten: Straßenbau
3.40)	cvno	changes in construction volume: no changes	Veränderungen im Bauvolumen
		The state of the s	
3.42)	cvpos	changes in construction volume: positive changes in %	Veränderungen im Bauvolumen: Steigerung in %
3.43)	cvneg	changes in construction volume: negative changes in %	Veränderungen im Bauvolumen: Abnahme in %
3.44)	cvpr_bdl	% of construction volume: by drawing lots (in general)	Anteil von Fachlosvergaben an Gesamtleistung des Vorjahres (insgesamt)
3.45)	cvpr_sc	% of construction volume: as subcontractor (in general)	Anteil von Tätigkeiten als Subunternehmer an Gesamtleistung des Vorjahres (insgesamt)
3.46)	cvpr_pc	% of construction volume: as prime contractor (in general)	Anteil von Tätigkeiten als Generalunternehmer an Gesamtleistung des Vorjahres (insgesamt)
3.47)	cvpr_gc	% of construction volume: as general contractor (in general)	Anteil von Tätigkeiten als Generalübernehmer an Gesamtleistung des Vorjahres (insgesamt)
3.48)	cvpr_solec	% of construction volume: as sole contractor (in general)	Anteil von Tätigkeiten als Totalunternehmer an Gesamtleistung des Vorjahres (insgesamt)
3.49)	cvpr_oth	% of construction volume: others (in general)	Anteil von sonstigen Tätigkeiten an Gesamtleistung des Vorjahres (insgesamt)
3.50)	cvpu bdl	% of construction volume: by drawing lots (public clients)	Anteil von Fachlosvergaben an Gesamtleistung des Vorjahres (öffentl.
3.51)	cvpu_sc	% of construction volume: as subcontractor (public clients)	Auftraggeber) Anteil von Tätigkeiten als Subunternehmer an Gesamtleistung des Vorjahres
		% of construction volume: as prime contractor (public clients)	(öffentl. Auftraggeber) Anteil von Tätigkeiten als Generalunternehmer an Gesamtleistung des
3.52)	cvpu_pc		Vorjahres (öffentl. Auftraggeber)  Anteil von Tätigkeiten als Generalübernehmer an Gesamtleistung des
3.53)	cvpu_gc	% of construction volume: as general contractor (public clients)	Vorjahres (öffentl. Auftraggeber) Anteil von Tätigkeiten als Totalunternehmer an Gesamtleistung des
3.54)	cvpu_solec	% of construction volume: as sole contractor (public clients)	Vorjahres (öffentl. Auftraggeber)
3.55)	cvpu_oth	% of construction volume: others (public clients)	Anteil von sonstigen Tätigkeiten an Gesamtleistung des Vorjahres (öffentl. Auftraggeber)
	pcgc_gen	We regularly act as prime/ general contractor (in general)	Regelmäßige Arbeit als Generalunter bzwübernehmer (allgemein)
3.56)		We regularly act as prime/ general contractor (public clients)	Regelmäßige Arbeit als Generalunter bzwübernehmer (öffentl. Auftraggeber)
3.56) 3.57)	pcgc_pub		, taltable ser,
	prop_gen	Propensity for placing orders with prime/ general contractors (in general)	Vergabe von Aufträgen als Generalunter-/übernehmer-Leistung (allgemein)
3.57)			

No.	Name	Label	German description
3.61)	bes	borrowed equipment / subcontractors	Leihgeräte
3.62)	beslc	borrowed equipment / subcontractors: for lack of capacities	Leihgeräte wegen Kapazitätsengpässen
3.63)	bessw	borrowed equipment / subcontractors: special work	Leihgeräte wegen Spezialarbeiten
3.64)	beper	borrowed equipment: number in %	Leihgeräte in Prozent
3.65)	belope	borrowed equipment: number in % for longer periods	Leihgeräte in Prozent, längerfristig
3.66)	bewill	borrowed equipment: willingness	Neigung Leihgeräte anzumieten
3.67)	bewilp	borrowed equipment: willingness for longer periods	Neigung Leihgeräte längerfristig anzumieten
3.68)	sper	subcontractors: % of sales volume	Umsatzanteil Subunternehmer
3.69)	swill1	subcontractors: willingness	Vergabe von Spezialarbeiten an Subunternehmer
3.70)	swill	subcontractors: willingness	Vergabe von Spezialarbeiten an Subunternehmer
3.71)	co1	medium-term expected commercial operations: 3. quarter	Geschäftlage dieses Jahr im 3. Quartal
3.72)	co2	medium-term expected commercial operations: 4. quarter	Geschäftlage dieses Jahr im 4. Quartal
3.73)	co3	medium-term expected commercial operations: 1. quarter	Geschäftlage nächstes Jahr im 1. Quartal
3.74)	co4	medium-term expected commercial operations: 2. quarter	Geschäftlage nächstes Jahr im 2. Quartal
3.75)	lackwoper	number lack of work in %	Arbeitsausfall durch Sommerurlaub
3.76)	lackwo2	lack of work (comparison)	Arbeitsausfall druch Sommerurlaub im Vgl. zum letzten Jahr
3.77)	prpa1	precast parts: utitization	Verwendung von Fertigteilen
3.78)	prpacvm	precast parts: % of construction volumen at the moment	Fertigteile in % vom Bauwert
3.79)	prpacvy	precast parts: % of construction volumen whole year	Fertigteile in % vom Bauwert im letzten Jahr
3.80)	ovtim	overtime	Überstunden
3.81)	ovtimper	overtime in %	Überstunden in Prozent
3.82)	cfc1	construction in foreign countries	Auslandsbau
3.83)	cfcgh	construction in foreign countries: german headquarter	Auslandsbau durch deutsche Stammfirma
3.84)	cfcac	construction in foreign countries: associated company	Auslandsbau durch rechtlich selbständige Gesellschaften
3.85)	cfcsh	construction in foreign countries: shareholding	Auslandsbau durch Beteiligung an ortsansässigen Gesellschaften
3.86)	salvol1	sales volume in %: road construction	Umsatzanteil im Straßenbau
3.87)	salvol2	sales volume in %: other civil engineering	Umsatzanteil im sonstigen Tiefbau
3.88)	salvol3	sales volume in %: public civil engineering	Umsatzanteil im öffentlichen Hochbau
3.89)	salvol4	sales volume in %: industrial civil engineering	Umsatzanteil im gewerblichen Bau
3.90)	salvol5	sales volume in %: domestic construction	Umsatzanteil im Wohnungsbau insgesamt
3.91)	salvol6	sales volume in %: buildings with 3 or more flats	Umsatzanteil im Häuserbau mit 3 oder mehr Wohnungen
3.92)	salvol7	number of workers	Arbeiter
3.93)	salvol8	employees all together	Angestellte insgesamt
3.94)	emp	employees	Angestellte insgesamt
3.95)	inwo	indsutrial worker	Arbeiter
3.96)	numwor	number of workers	Arbeiter
3.97)	empl	employees all together	Angestellte insgesamt
3.98)	phcaw	plant holidays: cessation of all work	Betriebsurlaub des gesamten Baubetriebs
3.99)	phcwbr	plant holidays: cessation of work of singular branches	Betriebsurlaub für einzelne Niederlassungen
3.100)	phm	plant holidays: month (labels valid until 12/2000, afterwards: June)	Betriebsurlaub Monat / Juni
3.101)	phbr1	plant holidays: branches 1	Betriebsurlaub Niederlassung 1
3.102)	phbr2	plant holidays: branches 2	Betriebsurlaub Niederlassung 2
3.103)	phbr3	plant holidays: branches 3	Betriebsurlaub Niederlassung 3
3.104)	phbr4	plant holidays: branches 4	Betriebsurlaub Niederlassung 4
3.105)	phdur	plant holidays: duration in weeks	Betriebsurlaub in Wochen
3.105)	phintr	year of introduction of plant holidays	Einführungsjahr des Betriebsurlaubs
3.100)	deccon	decline of construction activity	Rückgang der Bauaktivitäten wegen Betriebsurlaub
3.108)	credit	credit allocation	Kreditvergabe
3.109)	vaclhy	vacancies during last 6 months	Offene Stellen während der letzten 6 Monate
3.110)	vaclhy_cp	vacancies during last 6 months: commercial professions	Offene Stellen im Bereich: gewerbliche Berufe
	vacility_cp	vacancies during last 6 months: commercial professions	-
3.111) 3.112)	vaciliy_so	vacancies during last 6 months: sales occupation vacancies during last 6 months: managerial staff (commerce)	Offene Stellen im Bereich: kaufmännische Berufe Offene Stellen im Bereich: gewerbliches Führungspersonal
3.112)	vacility_inc	vacancies during last 6 months: managerial staff (commerce)	Offene Stellen im Bereich: Bewerbliches Fuhrungspersonal Offene Stellen im Bereich: Bauingenieur
3.114)	vachy_ce vachy tc	vacancies during last 6 months: trainees (commerce)	Offene Stellen im Bereich: Baumgemeur Offene Stellen im Bereich: gewerbliche Auszubildende
3.114)	difilvac	difficulties filling vacancies	Probleme offene Stellen zu Besetzen
3.116)	difil cp	difficulties filling vacancies: commercial professions	Dauer bis Besetzung im gewerblichen Bereich
3.117)	difil_so	difficulties filling vacancies: sales occupation	Dauer bis Besetzung im kaufmännischen Bereich
3.118)	difil_mc	difficulties filling vacancies: managerial staff (commerce)	Dauer bis Besetzung bei gewerblichem Führungspersonal
3.119)	difil_ce	difficulties filling vacancies: construction engineer	Dauer bis Besetzung im Bauingenieurbereich
3.120)	difil_tc	difficulties filling vacancies: trainees (commerce)	Dauer bis Besetzung bei gewerblichen Auszubildenden
3.121)	vacrepfea	% of vacancies reported to federal employment agency	% offener Stellen, die der Bundesagentur für Arbeit gemeldet wurden
3.122)	seskivly	search for skilled workers vs. last year	Suche nach Fachkräften verglichen mit dem Vorjahr

No.	Name		Label				Survey per	riod		Survey frequency
1.1) code		code of datas	et			West since 01/1991 East since 01/1991			monthly monthly	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
										Code of dataset
WEST EAST										[1]: Dataset refers to construction division
EAST										[2]: Dataset refers to the whole company [3]: Only inquired for the West. These dataset
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	only contain weighting variables
										02/1991 to 02/1995
WEST										annual survey February
EAST										12/1996 to 12/2000
										annual survey December
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

No.	Name		Label				Survey per	iod		Survey frequency
1.2)	idnum		firm X adress file id				West since			monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
	EAST		WEST							Firm X adress file id
										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
1.3)	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										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
MECT										
WEST										
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										
LASI										
										1

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

Name		Label				Survey per	riod		Survey frequency	
year		year				West since 01/1991 East since 01/1991			monthly monthly	
1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information	
									Year of survey	
2002	2003	2004	2005	2006	2007	2008	2009	2010		
2012	2013	2014	2015	2016	2017	2018	2019	2020		
	year 1992 2002	year  1992 1993  2002 2003	year year  1992 1993 1994  2002 2003 2004	year year  1992 1993 1994 1995  2002 2003 2004 2005	year         year           1992         1993         1994         1995         1996           2002         2003         2004         2005         2006	year         year           1992         1993         1994         1995         1996         1997           2002         2003         2004         2005         2006         2007	year         West since East since           1992         1993         1994         1995         1996         1997         1998           2002         2003         2004         2005         2006         2007         2008	year         year         West since 01/1991 East since 01/1991           1992         1993         1994         1995         1996         1997         1998         1999           2002         2003         2004         2005         2006         2007         2008         2009	year         West since 01/1991 East since 01/1991           1992         1993         1994         1995         1996         1997         1998         1999         2000           2002         2003         2004         2005         2006         2007         2008         2009         2010	

No.	Name		Label				Survey per	iod		Survey free	quency
1.6)	plantnum		· I				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	riod		Survey freq	uency
1.7)	fedstaif	0	federal state	(ifo-code)			West since East since			monthly monthly	
19	91 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-
20	01 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	a' (incl. Berlin East)"
EAST										7 "[07] Rhineland-Palatinate"	14 "[14] Saxony-Anhalt"
										8 "[08] Hesse"	15 "[15] Saxony"
20	11 2012	2013	2014	2015	2016	2017	2018	2019	2020	9 "[09] Baden-	16 "[16] Thuringia"
										Wuerttemberg"	
WEST											
EAST											

No.	Name		Label				Survey per	iod		Survey frequency
1.8)	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
1.9)	latecomer		latecomer				West 01/1	991 to 12/1	.995	monthly
								,		,
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
WEST										Latecomer
										[N]

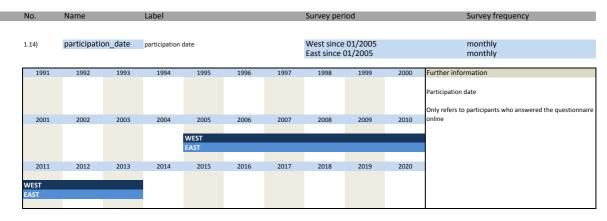
I	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

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

No.	Name		Label				Survey per	rind		Survey frequency
140.	Nume		Lubei				Survey per	100		Survey frequency
1.11)	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										

No.	Name		Label				Survey per	iod		Survey frequency
1.12)	survey_sta	rt	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
2011 WEST EAST	2012	2013	2014	WEST EAST 2015	2016	2017	2018	2019	2020	

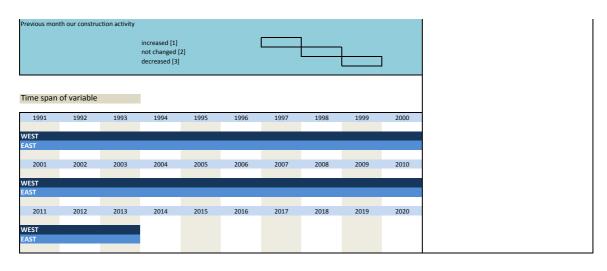
No.	Name		Label				Survey per	iod		Survey frequency
1.13)	survey_end		survey_end				West since			monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
										Survey end  Only refers to participants who answered the questionna
2001	2002	2003	2004	2005	2006	2007	2008	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
1.15)	participation	on_hour	participation	hour			West since East since			monthly monthly
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
2011	2042	2042	2014	WEST EAST	2016	2017	2010	2040	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

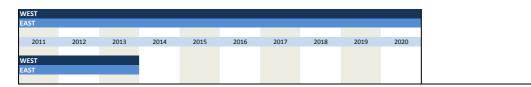
No.	Name		Label				Survey per	riod		Survey frequency
1.16)	participati	on_status	ı	participation :	status		West since			monthly monthly
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	Further information
										Participation status  Only refers to participants who answered the questionnai
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	online
				WEST EAST		_	_	_		[1] complete [2] reworked [3] incomplete
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	[4] not answered
WEST EAST										

#### 2. Standard questions I. Construction activity Name Survey frequency No. Label Survey period West since 01/1991 East since 01/1991 monthly monthly 2.1) conactex construction activity versus previous month Wording of question Further information 01/1991 to 11/2001 Construction activity versus previous month in the month under report we have built more [1] about the sa than on ne amount [2] average during the last 3 months less [3] 01/2002, 02/2002 During the last 2-3 months our construction activity increased [1] not changed [2] decreased [3] ince 03/2002



2.2) Constrain constraints  West since 01/1991 monthly  Wording of question  In execution of orders is currently constrained  yes [1]	No.	Name		Label				Survey per	riod		Survey frequency
### Span of variable    1991	2.2)	constrain		constraints							
Onstraints to production  The execution of orders is currently constrained  yes [1]	Wording	g of question							,		,
The execution of orders is currently constrained  yes [1]											Further information
The construction activity/execution of orders is currently constrained  yes [1]	01/1991 t	o 11/2001									Constraints to production
01/2002, 02/2002  The construction activity/execution of orders is currently constrained  yes [1]	The execu	tion of orders is	currently const	rained							
Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST			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  WEST											
yes [1]	01/2002,	02/2002									
Since 03/2002  The construction activity/execution of orders was constrained yes [1]	The const	ruction activity/e	xecution of ord	ders is currently of	onstrained						
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			yes [1]			no [2]					
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	sinco 02/2	2002									
Time span of variable  1991											
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	The consti	ruction activity/e		lers was constrai	ned						
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			yes [1]			no [2]					
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											
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 sp	an of variable	<b>)</b>								
EAST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											
WEST EAST 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST	EAST										
EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST											
WEST											
		2012	2013	2014	2015	2016	2017	2018	2019	2020	

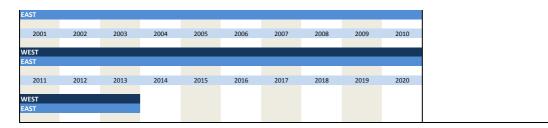
140.	rearric		Lubei				Jui vey per	iou		Survey frequency
2.3)	mplack		constraints: la	ck of manpow	er		West since			monthly
							East since	01/1991		monthly
Wording o	of question									
										Further information
since 01/1991	1									
										Lack of manpower
The construct	tion activity/ ex	ecution of ord	ers is currently	/ was constrai	ned.*					
	If yes, due to:									
										*For the exact wording of question for the
		lack of manpo	wer [1]							corresponding point of time see 2.2) constraints
Time a secon	ما ما ما ما ما م									
rime span	of variable									
1001	1000	4000	1001	4005	1005	4007	4000	1000	2000	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
EAST										
EAST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
										I



No.	Name		Label				Survey per	iod		Survey frequency
2.4)	matlack		constraints, la	ick of material			West since	01/1001		monthly
2.4)	IIIaliack		CONSTITUTES. 1d	ick of illaterial			East since	01/1991		monthly
Wording o	of question							-,		,
										Further information
since 01/199:	1									
The construct	tion activity/ ex	ecution of ord	ars is currantly	/ was constrai	ned *					Lack of material
THE CONSTITUE	If yes, due to:	ccution or ordi	crs is currently	y was constrai	iicu.					
										*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 span	of variable									
Time span		1993	1994	1995	1996	1997	1998	1999	2000	
1991	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST	of variable									
1991 WEST EAST	of variable									
1991 WEST EAST 2001 WEST EAST	of variable 1992 2002	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST EAST 2001 WEST	of variable									
1991 WEST EAST 2001 WEST EAST	of variable 1992 2002	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
2.5)	weathcon		constraints: w	eather condition	ons		West since			monthly monthly
Wording o	of question									
since 01/199	N4									Further information
since 01/199	11									unfavourable weather conditions
The construc	ction activity/ ex	ecution of ord	ers is currently	// was constrain	ned.*					
	If yes, due to:									*For the exact wording of question for the
		unfavourable	weather condi	itions [1]			]			corresponding point of time see 2.2) constraint
Time spar	n of variable									
1991	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST	1992									
1991 WEST		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST 2001 WEST	1992									
1991 WEST EAST	1992									
1991 WEST EAST 2001 WEST	1992									
1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

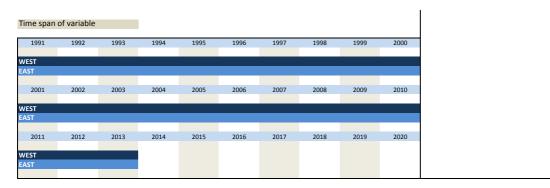
No.	Name		Label				Survey per	riod		Survey frequency
2.6)	finan		constraints: fi	nancing			West since			monthly
Wording	of question						East since	01/1991		monthly
										Further information
since 01/199	96									Further information
										insufficient financing
The constru	ction activity/ exe If yes, due to:		iers is currently	/ was constra	nea.*					
							1			*For the exact wording of question for the
		insufficient fi	nancing [1]				_			corresponding point of time see 2.2) constraints
										1
Time spai	n of variable									
1001	4000	4000	1001	1005	1005	1007	1000	1000	2000	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										



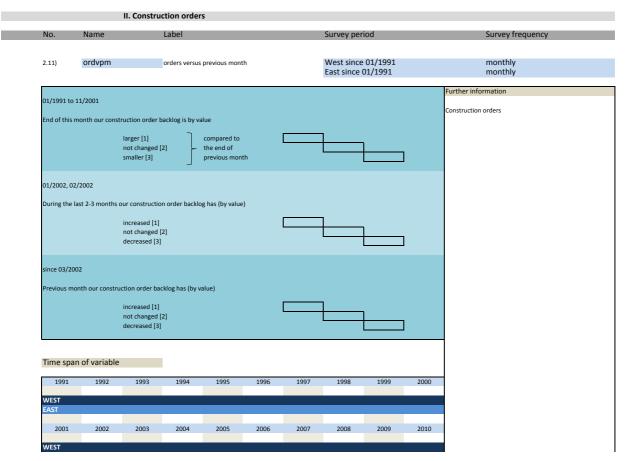
No.	Name		Label				Survey per	iod		Survey frequency
2.7) Wording o	ordlack of question		lack of orders				West since (			monthly monthly
since 01/199:	1 tion activity/ ex	ecution of ord	ers is currently	/ was constra	ined.*					Further information  Lack of orders
	If yes, due to:	lack of orders	[1]		l		]			*For the exact wording of question for the corresponding point of time see 2.2) constraints
	of variable									
Time span	of variable	1993	1994	1995	1996 WEST EAST	1997	1998	1999	2000	
1991		1993	1994	1995	WEST	1997	1998	1999	2000	
1991	1992				WEST EAST					

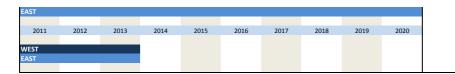
	Name		Label				Survey per	iod		Survey frequency
2.8) Wording	cancord of question		cancellation o	f orders			West since East since (			monthly monthly
since 01/20 The constru []	uction activity/ ex						l			Further information  Cancellation of orders
	an of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	

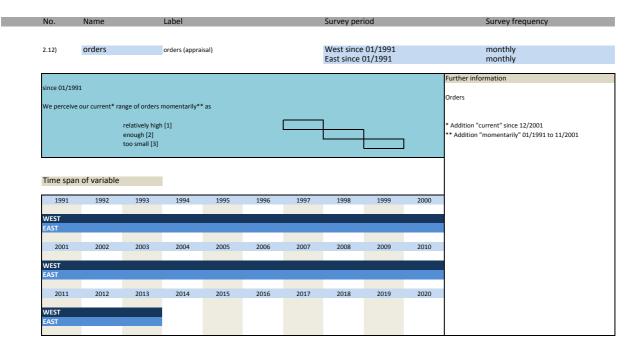
N	lo.	Name	Label	Survey period	Survey frequency
2.	.9)	othrea	constraints: other reasons	West since 01/1991	monthly
14	Vaudina ai	£		East since 01/1991	monthly
V	vording of	f question			
					Further information
sir	nce 01/1991				
Th	ho constructi	ion activity/ execution of ere	ders is currently/ was constrained.*		Other reasons
		If yes, due to:	ders is currently, was constrained.		
					*For the exact wording of question for the
		other reasons	s, namely**		corresponding point of time see 2.2) constraints
				<del></del>	** Addition "namely" since 01/2002
_					Addition namely since 01/2002



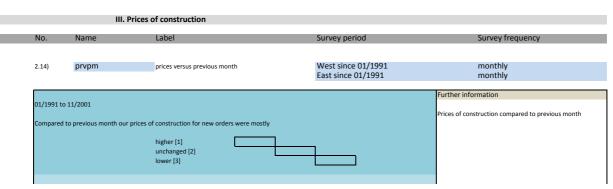
lo.	Name		Label				Survey peri	iod		Survey frequency
·	conactfut f question		construction a	activity in 3 mo	nth		West since East since (			monthly monthly
vorume o	question									Further information
ince 01/1991										
ouring the ne	xt 3 months w	e will presumab	ly build							Construction activity during the next 3 months
		more [1] about the same less [3]		than in the last 3 months					l	
·	of variable		1994	1995	1996	1997	1998	1999	2000	
1991	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
·			1994	1995	1996	1997	1998	1999	2000	
1991 WEST			1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST 2001	1992	1993								
1991 WEST AST	1992	1993								
1991 WEST EAST 2001	1992	1993								

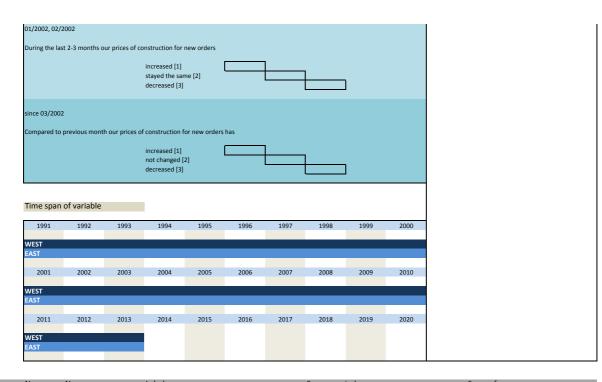


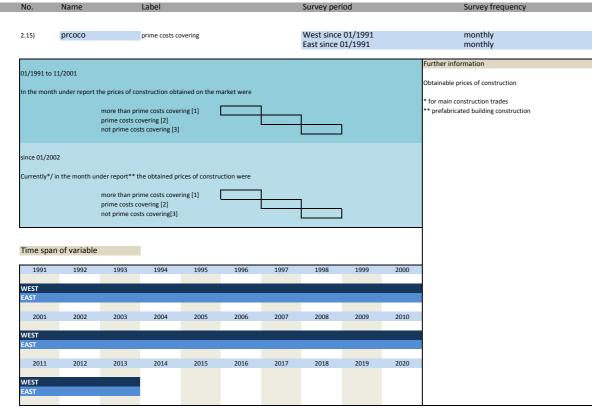


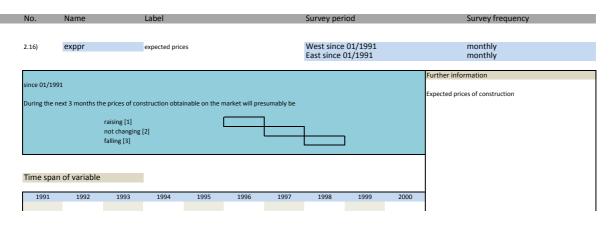


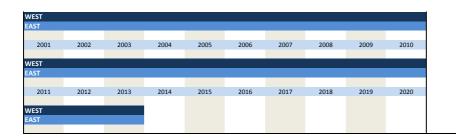
	Name		Label				Survey per	100		Survey frequency
2.13)	ranord		range of order	rs in months			West since			monthly monthly
							Lust sinice	01,1331		Further information
01/1991 to 11	1/2001									Range of orders in months
At the end of	the month und	der report our	range of orders	equals, under	r an usual cou	rse of the seaso	n, an average	production of		
					months					[10] equals 1 month [15] equal 1,5 months
										[100] equal 10 months etc.
since 01/2002	2									
Currently our	range of order	ahnu əlcuna ə	an usual cour	e of the seaso	n an average	production of				
currently our	range or order	s equais,unuei	an usuai cour:	se or the seast	ni, ali average	production of				
					months					
Fl	-f:									
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 WEST		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 2001 WEST	1992									
1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST EAST 2001 WEST	1992									
1991 WEST EAST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

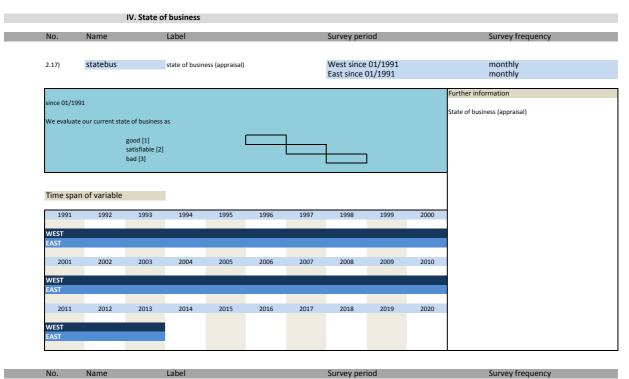




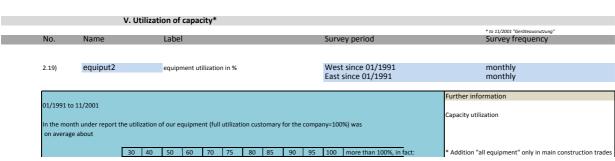








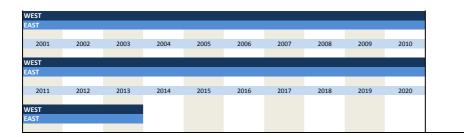
NO.	ivame		Labei				Survey per	100		Survey frequency
2.18)	comexp		expected com	mercial opera	tions		West since			monthly monthly
										Further information
since 01/199	1									
										Expected commercial operations
During the ne	ext 6 months ou	ır state of busi	ness will be							
		more favoura not changing more unfavou	[2]					]		
Time span	of variable	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										
										İ



all equipme	nt*:															
since 01/2001																
Lately the capa on average ab		n of ou	r machi	ines (fu	ıll capac	ity utili	zation o	ustoma	ary for t	he com	pany=1	100%) v	/as			
all equipme	nt*:	30	40	50	60	70	75	80	85	90	95	100	more t	han 100%	6, in fa	ct:
Time span	of variable		993		994	- 1	995	4/	996	10	997	-	998	1999		2000
1991	1992	19	993	1	994	19	995	19	996	19	997	19	998	1999	,	2000
WEST EAST																
2001	2002	20	003	2	004	20	005	20	006	20	007	20	008	2009	)	2010
WEST EAST																
2011	2012	20	)13	2	014	20	015	20	016	20	)17	20	018	2019	)	2020
WEST																
EAST																

	Name		Labe	:l							Surv	ey perio	od		Survey frequency
2.20)	equiput1		equip	ment util	lization (	(civil e	nginee	ering) in	%				01/1991 1/1991		monthly monthly
															Further information
01/1991 to In the mon on average	th under report tl	he utilizati	on of our e	quipmen	ıt (full ut	tilizatio	on cus	tomary	for the	compa	ny=100	1%) was			Capacity utilization in main construction trades
_														_	Only in the main construction trades it is disting
all equip thereof:		30 40	0 50	60	70	75	80	85	90	95	100	more th	nan 100%, in	fact:	between civil engineering and building constru- This question does not exist for the prefabricat
- for o	civil engineering														bulding construction
	ouilding truction			Ш										]	
	civil engineering														
- for d - for l con															
- for d - for l con	civil engineering ouilding struction	1993	1	994	199	95	19	996	19	997	1	998	1999	2000	
- for degree - for least constant const	civil engineering puilding struction an of variable	1993	1	994	199	95	19	996	19	997	1	998	1999	2000	
- for to con  Time spa	civil engineering puilding struction an of variable	1993	1	994	199	15	19	996	19	997	1	998	1999	2000	
- for degree - for least constant const	civil engineering puilding struction an of variable	1993		994	199			996		997		998	1999	2000	
- for decon	oulding struction  an of variable  1992														
- for con Time spa  1991 WEST EAST 2001	oulding struction  an of variable  1992														
- for c - for t con Time spa  1991 WEST EAST 2001 WEST EAST	un of variable  1992  2002	2003	2	004	200	05	20	006	20	007	2	008	2009	2010	
- for c - for l con Time spa  1991 WEST EAST 2001 WEST EAST 2011	oulding struction  an of variable  1992		2			05	20		20		2				
- for c - for t con Time spa  1991 WEST EAST 2001 WEST EAST	un of variable  1992  2002	2003	2	004	200	05	20	006	20	007	2	008	2009	2010	

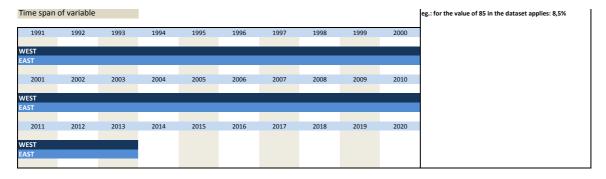
#### VI. Employees No. Name Label Survey period Survey frequency West since 01/1991 East since 01/1991 monthly monthly emplexp expected employees 2.21) Further information since 01/1991 Expected development of the number of employees During the next 3-4 months the number of our employees will be increasing [1] not changing [2] decreasing [3] in total Time span of variable 1991 1992 1993 1994 1995 1997 1999

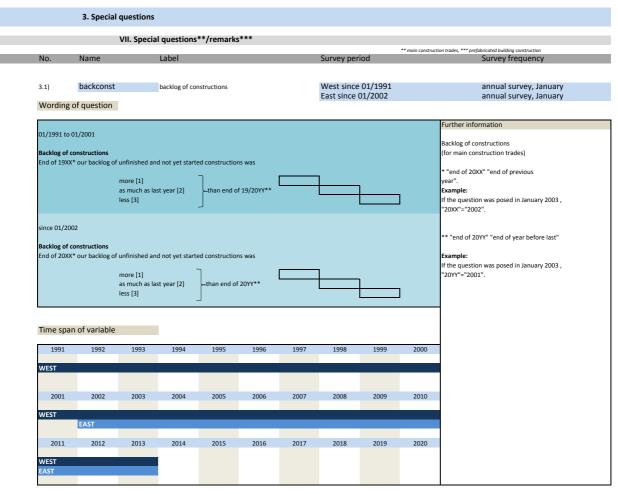


	Name		Label				Survey peri	od		Survey frequency
2.22)	indwork		industrial work	er			West since C			monthly monthly
since 01/1	001									Further information
										industrial workers
During the	next 3-4 months	the number of	f our employees	will be						
			increasing [1]	not c	hanging [2]		decreasing [3]			
ir	n total									
-	nereof ndustrial workers									
"	iuustriai workers									
Time sp	an 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 WEST			1994	1995	1996	1997	1998	1999	2000	
1991 WEST EAST 2001	1992	1993								
1991 WEST EAST	1992	1993								
1991 WEST EAST 2001 WEST EAST	1992	1993	2004	2005	2006	2007	2008	2009	2010	
1991 WEST EAST 2001 WEST EAST 2011	1992	1993								
1991 WEST EAST 2001 WEST EAST	1992	1993	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey peri	od			Survey frequency	
2.23)	employ		employee				West since	N1/1991			monthly	
2.23)	cilipioy		cirployee				East since 0				monthly	
							Eddt office o	1, 1331			oncy	
										Further inf	ormation	
since 01/199	1											
During the ne	out 2.4 months	tha numbar at	our employees							employees		
During the ne	ext 5-4 months	tile ilulliber of	our employees	WIII								
			increasing [1]	not c	hanging [2]		decreasing [3]					
in to												
ther	loyees											
emp	noyees											
Time span	of variable											
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000			
1331	1332	1333	1554	1333	1550	1337	1556	1333	2000			
WEST												
EAST												
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010			
WEST										ĺ		
EAST												
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020			
WEST												
EAST												

No.	Name	Label	Survey period	Survey frequency
2.24)	statill	status of employee's illness in %	West since 01/1991 East since 01/1991	monthly monthly
since 01/19 Currently o	991 f our employees are sick: _	_%		Further information  Illness absence rate  Note.: Values in the Stata-files have to be divided by 10 to get the correct percentage format (with decimal place).





2)	subannsal		subcontractor	: % of annual :	sales		West since			annual survey, February annual survey, February
ording o	of question							,		
										Further information
ince 02/199	1									Sales of subcontractors in percantage to the own
ervices of s	ubcontractors									annual sales
f our annua	al sales in 19/20	(X* about*	% ar	e accounted f	or by subcontra	actors				(for main construction trades)
										* "20XX" means last year
Time char	of variable									Example: If the question was posed in February 2003,
illie spai	i di variable									"20XX"="2002".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2000 2002 :
										** : 00/0000    :    : .   : :   :
										** since 02/2002 "circa" instead of "about"
WEST										** since 02/2002 "circa" instead of "about"
WEST										** since 02/2002 "circa" instead of "about"
	2002	2003	2004	2005	2006	2007	2008	2009	2010	** since U2/2UU2 "circa" instead of "about"
WEST 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	** since UZ/ZUUZ *Circa* instead of *about*
	2002	2003	2004	2005	2006	2007	2008	2009	2010	** since UZ/ZUUZ *Circa* instead of *about*
2001	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	** since UZ/ZUUZ *Circa* instead of *about*
2001 WEST	EAST									** since U2/2U02 *Circa* instead of *about*
2001		2003	2004	2005	2006	2007	2008	2009	2010	** since U2/2U02 *Circa* instead of *about*
2001 WEST 2011	EAST									** since UZ/ZUUZ *Circa* instead of *about*
2001 WEST	EAST									** since UZ/ZUUZ *Circa* instead of *about*

Survey period

Survey frequency

No. Name

	Name		Label				Survey per	iou		Survey frequency
3.3)	submain		subcontractor	r: % for main c	ontract work		West since	02/1991		annual survey, February
							East since			annual survey, February
Wording	of question									
										Further information
since 02/19	91									
										Services of subcontractors of
	subcontractors									main construction trades
Of the subco	ontractors' servi	ces in year 19/			unted for by construction t	radas				(for main construction trades)
				mins or main	construction t	aues				* "20XX" means last year
										Example:
										If the question was posed in February 2003 ,
Time spar	n of variable									"20XX"="2002".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
		1333								
WEST		1333								
WEST		1555								
WEST		1555								
WEST 2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001				2005	2006	2007	2008	2009	2010	
	2002			2005	2006	2007	2008	2009	2010	
2001				2005	2006	2007	2008	2009	2010	
2001 WEST	2002 EAST	2003	2004							
2001	2002			2005	2006	2007	2008	2009	2010	
2001 WEST	2002 EAST	2003	2004							
2001 WEST	2002 EAST	2003	2004							
2001 WEST 2011 WEST	2002 EAST	2003	2004							
2001 WEST 2011 WEST	2002 EAST	2003	2004					2019		Survey frequency

							p			
3.4)	subupgr		subcontractor	: % for upgrad	ing work		West since	02/1991		annual survey, February
,					0		East since			annual survey, February
<b>Nording</b>	of question							,		, , , , , , , , , , , , , , , , , , , ,
										Further information
ince 02/19	91									
										Services of subcontractors of
	subcontractors									upgrading work
If the subco	ontractors' servi	ces in year 19/2								(for main construction trades)
				firms of upgra	ding work					* He world
										* "20XX" means last year  Example:
										If the question was posed in February 2003,
Time cna	n of variable									"20XX"="2002".
iiiic spai	ii oi variable									2004 - 2002 .
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
VEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
VEST										
	EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
AST										
ASI										
	_									l .

No.	Name		Label				Survey per	iod		Survey frequency
3.5)	subtrans		subcontractor	r: % for transpo	ort company		West since			annual survey, February annual survey, February
Wording	of question									
										Further information
since 02/19	91									Services of subcontractors of
Services of	subcontractors									transport companies
Of the subco	ontractors' service	es in year 19/		% are accoι						(for main construction trades)
				transport com	panies					* #20VV#
										* "20XX" means last year Example:
										If the question was posed in February 2003,
Time spar	n of variable									If the question was posed in February 2003 , "20XX"="2002".
		1002	1004	1005	1006	1007	1000	1000	2000	
Time span	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									
1991 WEST		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
3.6)	subreba		subcontractor	: % for reinford	cing bars		West since			annual survey, February
Mording	of question						East since (	02/2002		annual survey, February
wording	oi question									
										Further information
since 02/199	91									Services of subcontractors of
Services of s	subcontractors									bending and laying of reinforcing steel
Of the subco	ontractors' servi	ces in year 19/2								(for main construction trades)
				bending and la	aying of reinfo	rcing steel				* "20XX" means last year
										Example:
Time spar	n of variable									If the question was posed in February 2003 , "20XX"="2002".
Tillie Spai	II OI Vallable									20XX = 2002 .
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	
WEST EAST										
LAST										

No.	Name		Label				Survey per	iod		Survey frequency
3.7) Wording	subfowo of question		subcontractor	: % for formwo	rk		West since East since			annual survey, February annual survey, February
since 02/19		ces in year 19/:		% are accou						Further information  Services of subcontractors of formwork/ scaffolding (for main construction trades)  * "20XX" means last year
Time spa	n of variable									Example: If the question was posed in February 2003 , "20XX"="2002".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST	EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										

No.	Name		Label				Survey per	riod		Survey frequency
3.8)	subdiv		subcontracto	r: % for other o	ompanies		West since	02/1991		annual survey, February
							East since	02/2002		annual survey, February
Wording	of question									
										Further information
since 02/19	991									
										Services of subcontractors of
	subcontractors		(0.000/#							other companies
or the subc	ontractors' servi	ces in year 19/	ZUXX*							(for main construction trades)
				other compar	iies					* "20XX" means last year
										Example:
										If the question was posed in February 2003,
Time spa	n 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									
						2017	2018	2019	2020	
2011	2012	2013	2014	2015	2016	2017	2016	2015	2020	
2011 WEST	2012	2013	2014	2015	2016	2017	2016	2013	2020	

Survey frequency No. Name Label Survey period West since 02/1996 East since 02/2002 annual survey, February annual survey, February subfor 3.9) % for foreign subcontractors Wording of question Further information since 02/1991 Services of foreign subcontractors (for main construction trades) Services of subcontractors
Services of subcontractors in total: 100%. \* "20XX" means last year thereof: services of foreign subcontractors circa\_ Example:
If the question was posed in February 2003 ,
"20XX"="2002". Time span of variable 1991 1993 1997 1992 1994 1995 1996 1998 1999 2000 2002 2003 2004 2005 2006 2007 2008 2009 2010 2012 2014 2016 2018 2020 2011 2013 2015 2017 2019 WEST EAST

No.	Name		Label				Survey peri	iod		Survey frequency
3.10)	undcons		% of undocun	ented constru	ctions		West since (			annual survey, February annual survey, February
Wording	of question						Last since (	02/2002		aiiilaai sui vey, i ebi aai y
										Further information
since 02/19	91									
Construction	ons not yet captu	rad statistical	lv							Undocumented constructions (for main construction trades)
The value o	f work complete	d but not yet o		revenue (for ti	he reporting in	the building i	ndustry) was			
31.12.19/2	0XX circa	%	of our total ar	nual production	nn.					* "20XX" means last year Example:
			or our total ar	maar productio	,					If the question was posed in February 2003,
										"20XX"="2002".
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									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

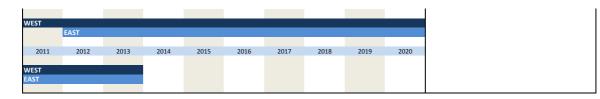
No.	Name		Label				Survey per	iod		Survey frequency
3.11)	sphadis		sphere of action	on: % in same	district		West since			annual survey, February
Wording	of question						East since	02/2002		annual survey, February
Wording	or question									
										Further information
since 02/199	91									Revenue in the same administrative district
Sphere of a	ction of the comp	any								(for main construction trades)
	answered for the									* #2000/#
						S				* "20XX" means last year
Circa	% of our revenu	ues III 15/20A	A Weie accoun			dministrative o	listrict			Example:
Circa	% of our revent	ues III 13/20X	x were accoun				listrict			<b>Example:</b> If the question was posed in February 2003,
Circa	% or our revenu	ues III 19/20X	x were accoun				listrict			
	n of variable	ues III 13/20A	were accoun				listrict			If the question was posed in February 2003 ,
Time spar	n of variable				in the same a	dministrative c		4000	2000	If the question was posed in February 2003 ,
		1993	1994				listrict	1999	2000	If the question was posed in February 2003 ,
Time spar	n of variable				in the same a	dministrative c		1999	2000	If the question was posed in February 2003 ,
Time span	n of variable				in the same a	dministrative c		1999	2000	If the question was posed in February 2003 ,
Time span	n of variable				in the same a	dministrative c		1999	2000	If the question was posed in February 2003 ,
Time span	n of variable	1993	1994	1995	in the same and 1996	dministrative o	1998			If the question was posed in February 2003 ,
Time spai	n of variable	1993	1994	1995	in the same and 1996	dministrative o	1998			If the question was posed in February 2003 ,

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

No.	Name		Label				Survey per	iod		Survey frequency
3.12)	sphasfs		sphere of acti	ion: % in same	federal state		West since			annual survey, Februai
							East since (	02/2002		annual survey, Februai
Wording	of question									
										Further information
since 02/19	991									
										Revenue in the same federal state
	action of the com answered for the									(for main construction trades)
	% of our rever			inted for by co	nstruction site:	s				* "20XX" means last year
					cts but in the s		ate			Example:
										If the question was posed in February 2003
										"20XX"="2002".
Time coa	on of variable									
Time spa	n of variable									
Time spa	nn of variable	1993	1994	1995	1996	1997	1998	1999		
1991		1993	1994	1995	1996	1997	1998	1999		
1991		1993	1994	1995	1996	1997	1998	1999		
1991		1993	1994	1995	1996	1997	1998	1999		
1991		1993	1994	1995	1996	1997	1998	1999		
1991 WEST	1992								2000	
1991 WEST	1992								2000	
1991 WEST	1992								2000	
1991 WEST	1992								2000	
1991 WEST 2001 WEST	1992 2002 EAST	2003	2004	2005	2006	2007	2008	2009	2000	

INO.	Ivallie		Label				Survey per	lou		Survey frequency
3.13)	sphaofs		sphere of action	on: % in other	federal state		West since			annual survey, February
							East since	02/2002		annual survey, February
Wording o	of question									
										Further information
since 02/199	1									
										Revenue in other federal states
	tion of the com									(for main construction trades)
	inswered for the									
Circa	_% of our rever	nues in 19/20X	X* were accou	nted for by co	nstruction site: in other feder					* "20XX" means last year Example:
					iii other leder	di States				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	
2011	2012	2013	2014	2015	2010	2017	2018	2019	2020	
WEST										
EAST										

No.	Name		Label				Survey per	iod		Survey frequency
3.14) Wording	sphafc of question		sphere of action	on: % in foreig	n country		West since East since (			annual survey, February annual survey, February
	etion of the companswered for the% of our reven	main branch)		nted for by co	nstruction sites in foreign cou					Further information  Revenue in foreign countries (for main construction trades)  * "20XX" means last year  Example:  If the question was posed in February 2003 ,  "20XX" = "2002".
Time spar	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	

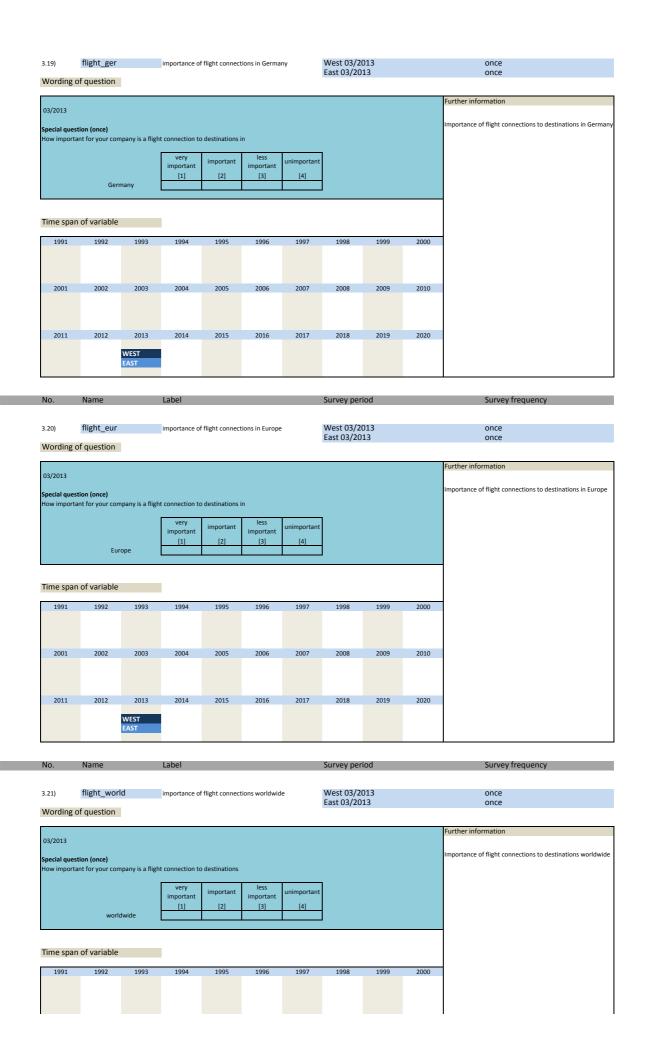


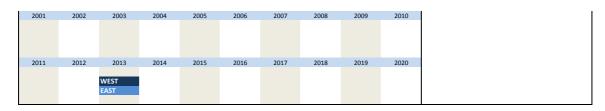
lo.	Name		Label				Survey per	iod		Survey frequency
.15) Vording o	witiwoth f question		wintertime: w	ork through			West since East since			March, November March, November
3/1991 to 11	1/2001									Further information
/inter consti	ruction gh orders and a		equipment to f bad weather.		n with full work	force in winter	(19XX/19YY*)	20XX/20YY*		Wintertime: work through (for main construction trades)  * Example: If the question was posed in March 2004,
		yes [1]			no [2]					"20WW/20VV" = "2003/2004"
nce 03/2002	2									
/inter const										
		an appropriate	equipment to	work through	n with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
		an appropriate	equipment to	work through	n with full work	oforce in winter	(19XX/19YY*)	20XX/20YY*		
	gh orders and	an appropriate	equipment to	work through	n with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
	gh orders and		equipment to	work through		force in winter	(19XX/19YY*)	20XX/20YY*		
/e had enou	gh orders and a		equipment to	work through		force in winter	(19XX/19YY*)	20XX/20YY*		
/e had enou	gh orders and		equipment to	work through		oforce in winter	(19XX/19YY*)	20XX/20YY*		
/e had enou	gh orders and a		equipment to	work through		eforce in winter	(19XX/19YY*)	20XX/20YY* 1999	2000	
ime span	gh orders and a	yes [1]			no [2]				2000	
e had enough	gh orders and a	yes [1]			no [2]				2000	
ime span  1991 VEST	of variable	yes [1]	1994	1995	no [2]	1997	1998	1999		
ime span	gh orders and a	yes [1]			no [2]				2000	
ime span 1991 VEST 2001 VEST	of variable	yes [1]	1994	1995	no [2]	1997	1998	1999		
Ve had enough	of variable	yes [1]	1994	1995	no [2]	1997	1998	1999		
ime span 1991 VEST 2001 VEST	of variable	yes [1]	1994	1995	no [2]	1997	1998	1999		
ime span 1991 VEST 2001 VEST AST	of variable  1992  2002	yes [1] 1993 2003	1994	1995	no [2] 1996 2006	1997	1998	1999	2010	
ime span 1991 VEST 2001 VEST AST	of variable  1992  2002	yes [1] 1993 2003	1994	1995	no [2] 1996 2006	1997	1998	1999	2010	

	Name		Label				Survey per	riod		Survey frequency
2.46)	witilo		wintertime: la				West since	. 02/1001		March, November
3.16)	WILIIO		willtertille. Ia	ick of orders			East since			March, November
Wording (	of question							,		,
02/4004 += /	14/2004									Further information
03/1991 to 1	11/2001									Winter construction: lack of orders
Winter cons	truction									(for main construction trades)
	ugh orders and the officially red				with full work	force in winter	(19XX/19YY*)	20XX/20YY*		* Francisco
- except for i <b>If no:</b>	the officially rec	ognized days of	r bad weather.							* Example: The question was posed in March 2004 , then
The necessit	y of the layoff v	vas mainly due	to							"20WW/20VV" = "2003/2004"
		lack of orders	[1]			1				
		iack of orders	(*)							
since 03/200	02									
Mintor conc	truction									
		an appropriate	equipment to	work through	with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
	struction ugh orders and	an appropriate	equipment to	work through	with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
We had eno	ugh orders and				with full work	force in winter	· (19XX/19YY*)	20XX/20YY*		
We had eno					with full work	force in winter	· (19XX/19YY*)	20XX/20YY*		
We had eno	ugh orders and		rk was mainly		with full work	force in winter	· (19XX/19YY*)	20XX/20YY*		
We had eno	ugh orders and	short-time wo	rk was mainly		with full work	force in winter	· (19XX/19YY*)	20XX/20YY*		
We had eno	ugh orders and	short-time wo	rk was mainly		with full work	force in winter	· (19XX/19YY*)	20XX/20YY*		
We had enou	ugh orders and	short-time wo	rk was mainly		with full work	force in winter	· (19XX/19YY*)	20XX/20YY*		
We had enough the necessit	ugh orders and  y of the layoffs,  n of variable	' short-time wo	rk was mainly	due to		]			2000	
We had enou	ugh orders and	short-time wo	rk was mainly		with full works	force in winter	(19XX/19YY*) 1998	20XX/20YY* 1999	2000	
We had enough for no: The necessit  Time span	ugh orders and  y of the layoffs,  n of variable	' short-time wo	rk was mainly	due to		]			2000	
We had enough for no: The necessit  Time spar	ugh orders and  y of the layoffs,  n of variable	' short-time wo	rk was mainly	due to		]			2000	
We had enough for no: The necessit  Time spar	ugh orders and  y of the layoffs,  n of variable	' short-time wo	rk was mainly	due to		]			2000	
We had enough for no: The necessit  Time spar  1991  WEST	ugh orders and sy of the layoffs, n of variable 1992	short-time woo lack of orders	rk was mainly [1]	due to	1996	1997	1998	1999		
We had enough from the necessit Time spare 1991 WEST 2001 WEST	ugh orders and sy of the layoffs, n of variable 1992	short-time woo lack of orders	rk was mainly [1]	due to	1996	1997	1998	1999		
We had enough fino: The necessit  Time spar  1991  WEST  2001  WEST	ugh orders and sy of the layoffs, n of variable 1992	short-time woo lack of orders	rk was mainly [1]	due to	1996	1997	1998	1999		
Time spar 1991 WEST	ugh orders and sy of the layoffs, n of variable 1992	short-time woo lack of orders	rk was mainly [1]	due to	1996	1997	1998	1999		
We had enough fino: The necessit  Time spar  1991  WEST  2001  WEST  EAST	n of variable 1992	short-time woo lack of orders	1994 2004	1995 2005	1996	1997	1998	1999	2010	

	Name		abel				Survey per	100		Survey frequency
3.17)	witirc	w	vintertime: rea	asons of cons	truction		West since			March, November March, November
Vording	of question						Last since .	11/2001		Water, Wovernoer
3/1991 to	11/2001									Further information  Winter construction: reasons of construction
except for	struction ough orders and a the officially reco				with full work	force in winter	(19XX/19YY*)	20XX/20YY*		(for main construction trades)  * Example:
no: he necessit	ty of the layoff w	as mainly due to	)							The question was posed in March 2004 , then "20WW/20VV" = "2003/2004"
		reasons of const	truction [1]							
ince 03/20	02									
							(4.00.0.(4.00.0.4)	2011/2/2012/2		
We had eno	struction ough orders and a	in appropriate e	quipment to v	work through	with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
We had eno					with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
We had eno	ough orders and a		was mainly c		with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
We had eno	ough orders and a	short-time work	was mainly c		with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
Ve had eno f no: 'he necessit	ough orders and a	short-time work	was mainly c		with full work	force in winter	(19XX/19YY*)	20XX/20YY*		
We had eno f no: The necessit	ough orders and a	short-time work	was mainly c		with full works	force in winter	(19XX/19YY*) 1998	20XX/20YY*	2000	
Ve had eno f no: The necessit  Fime span	ough orders and a ty of the layoffs/ n of variable	short-time work	was mainly o	due to		]			2000	
f no: The necessit  Fime spai  1991  WEST	n of variable	reasons of const	truction [1]	lue to 1995	1996	1997	1998	1999		
We had eno f no: The necessif  Fime span 1991  WEST 2001	ough orders and a ty of the layoffs/ n of variable	short-time work	was mainly o	due to		]			2000	
We had eno f no: The necessif  Fime spai  1991  WEST  WEST	n of variable	reasons of const	truction [1]	lue to 1995	1996	1997	1998	1999		
We had enough for no: Time spail 1991 WEST	n of variable	reasons of const	truction [1]	lue to 1995	1996	1997	1998	1999		
We had eno f no: The necessit  Time spai  1991  WEST  2001  WEST  EAST	ty of the layoffs/ n of variable 1992 2002	reasons of const	truction [1] 1994 2004	1995 2005	1996	1997	1998	1999	2010	

	Name		Label				Survey peri	100		Survey frequency
.18) Vording o	witipw of question	,	wintertime: pr	eference of w	vorkers		West 03/19 West since East since	11/1996	.995	March, November annual survey, November annual survey, November
3/1991 to 1	1/1995									Further information
Vinter const he personal most wokers	attitude of our	workers regard	ding winter cor	nstruction, if k	nown: when th	ney have the cl	hoice then			Winter construction: preference of workers (for main construction trades)
	winter-break-p working by no	pay without wo						l		
ince 03/199	6									
	aruction attitude of our s would prefer	workers regard	ding winter cor	nstruction, if k	nown: if they h	nad the choice	, 			
he personal nost worker	attitude of our s would prefer	pay without wo	orking [1]	nstruction, if k	cnown: if they h	nad the choice	,	l		
'he personal nost worker	attitude of our s would prefer winter-break-p working by no	pay without wo	orking [1]	nstruction, if k	snown: if they h	nad the choice,	1998	1999	2000	
ime span	attitude of our s would prefer winter-break-p working by no	pay without wo	orking [1] winter-pay [2]					1999	2000	
The personal nost worker	attitude of our s would prefer winter-break-p working by no	pay without wo	orking [1] winter-pay [2]					1999	2000	
Fime span  1991  NEST  2001	attitude of our s would prefer winter-break-pworking by no of variable	pay without wo rmal pay plus v	orking [1] winter-pay [2] 1994	1995	1996	1997	1998			
Fime span  1991  NEST  2001	attitude of our s would prefer winter-break-pworking by no of variable	pay without wo rmal pay plus v	orking [1] winter-pay [2] 1994	1995	1996	1997	1998			

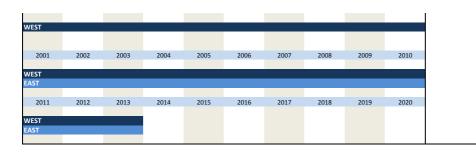




	Name		Label				Survey per	riod		Survey frequency
3.22) Wording	sdbreach of question		special difficul	ities: breach of	f VOB-conditio	ns	West 05/1 West since East since		.995	May, September April, September April, September
since 05/19  Special diffi  During the I		following prol	blems bothere	d us:						Further information  Breach of VOB-conditions (for main construction trades)
		Breach of VOE	3-conditions [1]	1						
	n of variable									
1991	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 WEST 2001 WEST	1992									
1991 WEST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	iod		Survey frequency
3.23)	sddp		special difficu	lties: defaulting	z naumont		West 05/1	991 to 09/1	995	May, September
3.23)	Juup		special uniticu	ities. ueiauitiiiį	g payment		West since		.555	April, September
Wording	of question						East since			April, September
	•							,		
										Further information
since 05/19	91									
Special diffi	culties									Defaulting payment of contractees (for main construction trades)
	ast 6 months the	following prol	olems bothere	d us:						(ioi main construction trades)
. 0		0,1					_			
		defaulting pay	ment of contr	actees [1]						
Time a sec	. afauiahla									
rime 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										
										1
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST										
EAST										

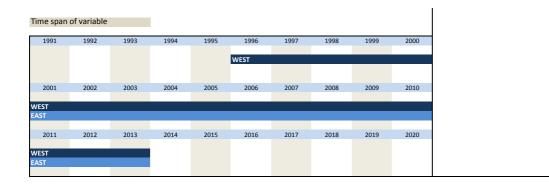
No.	Name	L	_abel				Survey pe	riod		Survey frequency
3.24)	sdlap	S	pecial difficult	ies: labor pira	cy of manpov			.991 to 09/1	995	May, September
Wording	of question						West since East since			April, September April, September
										Further information
since 05/199	1									
Special diffic	ulties									labor piracy of manpower (for main construction trades)
	st 6 months the fo	ollowing probl	ems bothered	us:						(16) main construction dades)
, i										
	lal	bor piracy of r	manpower [1]							
Time spar	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	



No.	Name		Label				Survey per	riod		Survey frequency
3.25) Wording	sdco of question		special difficul	lties: cancelation	on of order		West 05/19 West since		.995	May, September April, September April, September
since 05/199  Special diffice  During the la		following pro	blems bothered	d us:						Further information  Cancellation of orders (for main construction trades)
		cancellation o	f orders [1]				]			
Time spar	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991		1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992									
1991 WEST 2001 WEST	1992									

No.	Name		Label				Survey per	riod		Survey frequency
3.26) Wording (	sdnopro of question		special difficu	lties: no severe	problems		West 05/1 West since East since		.995	May, September April, September April, September
since 05/199  Special diffic  During the la	culties ast 6 months the	following pro		d us:			]			Further information  No severe problems (for main construction trades)
1991	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
2001 WEST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011 WEST	2012	2013	2014	2015	2016	2017	2018	2019	2020	

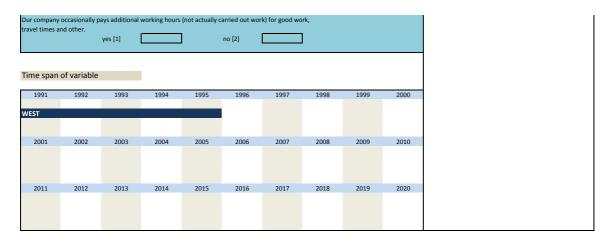
No.	Name	Label	Survey period	Survey frequency
3.27)	sdcc	special difficulties: constraints to construction	West since 04/1996 East since 09/2001	April, September April, September
Wording	of question		Eddt sillee 05/2001	, prii, september
				Further information
since 04/19	996			Constraints to production
Special diff	iculties			(for main construction trades)
During the	last 6 months the follow	ving problems bothered us:		
	Constraints to produ	uction caused by the contractee [1]		



			Label				Survey per	100		Survey frequency
.28)	sdda		special difficu	Ities: delay of	final acceptanc	e	West since	04/1996		April, September
			•	•	·		East since			April, September
Wording (	of question									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
										Further information
ince 04/199	96									Further information
										Delay of final acceptance
pecial diffi	culties									(for main construction trades)
uring the la	ast 6 months the	following prob	olems bothere	d us:						
	delay of final a	acceptance cau	sed by the cor	ntractee [1]						
	,	,	,				•			
										1
ime spai	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993	1994	1995		1997	1998	1999	2000	
1991	1992	1993	1994	1995	1996 WEST	1997	1998	1999	2000	
1991	1992	1993	1994	1995		1997	1998	1999	2000	
					WEST					
1991	1992	1993	1994	1995		1997	1998	1999	2000	
2001					WEST					
2001 VEST					WEST					
2001 VEST					WEST					
2001 VEST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001 VEST					WEST					
2001 VEST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001 VEST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001 VEST AST 2011	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2001 WEST AST 2011 WEST	2002	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name		Label				Survey per	riod		Survey frequency
3.29)	sdlop		special difficu	Ities: accept th	ne bid by the lo	west	West since			April, September April, September
Wording	of question									
										Further information
since 04/19	96									Accept the bid by the lowest price
Special diffi										(for main construction trades)
During the I	ast 6 months the	following prol	blems bothere	d us:						
	Accept the bi	d by the lowest	price and not	the			1			
	most profitab						_			
Time spa	n of variable									
				1005	1005	4007	4000	4000	2000	
Time spa	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994		1996 WEST	1997	1998	1999	2000	
			1994			1997	1998	1999	2000	
1991	1992	1993			WEST					
			1994			1997	1998	1999	2000	
1991 2001 WEST	1992	1993			WEST					
1991	1992	1993			WEST					
1991 2001 WEST	1992	1993	2004	2005	<b>WEST</b> 2006	2007	2008	2009	2010	
2001 WEST EAST 2011	1992	1993			WEST					
1991 2001 WEST	1992	1993	2004	2005	<b>WEST</b> 2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.30)	wh1	working hours: payment of overtime	West 04/1991 to 04/1995	annual survey, April
Wording o	of question			
04/1991 to 0	M/100F			Further information



No.	Name		Label				Survey per	iod		Survey frequency
								201 : 21/1		
3.31)	wh2		working hours	: developmen	t		West 04/19	991 to 04/1	1995	annual survey, April
Wording	of question									
										Further information
04/1991 to	04/1995									
Allowance o	of working hour									Development of additional working hours
	ny occasionally p		working hours	(not actually c	arried out wor	k) for good wo	rk,			* Example
travel times	and other reaso	ns. If yes:								The question was posed in April 1993,
4000			al alternation and the second							"19XX=1992" and ""19YY=1991"
Taxx, comb	pared to 19YY th	e numper of a	aditionally allov	vea nours has						
						1				
			increased [1]							
			not changed [2	2]				,		
				2]						
			not changed [2	2]						
			not changed [2	2]						
Time spar	n of variable		not changed [2	2]						
Time spat	n of variable	1993	not changed [2	1995	1996	1997	1998	1999	2000	
1991		1993	not changed [: decreased [3]		1996	1997	1998	1999	2000	
		1993	not changed [: decreased [3]		1996	1997	1998	1999	2000	
1991		1993	not changed [: decreased [3]		1996	1997	1998	1999	2000	
1991		1993	not changed [: decreased [3]		1996	1997	1998	1999	2000	
1991 WEST	1992		not changed [3] decreased [3]	1995						
1991 WEST	1992		not changed [3] decreased [3]	1995						
1991 WEST	1992		not changed [3] decreased [3]	1995						
1991 WEST	1992		not changed [3] decreased [3]	1995						
1991 WEST	1992	2003	not changed [3] decreased [3]	1995	2006	2007	2008	2009	2010	
1991 WEST	1992	2003	not changed [3] decreased [3]	1995	2006	2007	2008	2009	2010	

P	lo.	Name	Label	Survey period	Survey frequency
3	.32)	wh3	working hours: number in t-1	West 04/1991 to 04/1995	annual survey, April

#### Wording of question

		<u> </u>	<u> </u>			<u> </u>		<u> </u>		Further information
1/1991 to 04	4/1995									Additional working hours in t-1
lowance of	working hours									The state of the s
ır company	occasionally p	ays additional	working hours	(not actually o	arried out wor	k) for good wo	rk,			* Example
avel times a	and other reaso	ns. If yes:								The question was posed in April 1993,
										"19XX=1992" and ""19YY=1991"
ne share of t	the additionally	allowed hours	to the total p	aid hours was:						
			19XX about	%						
ime span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
EST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

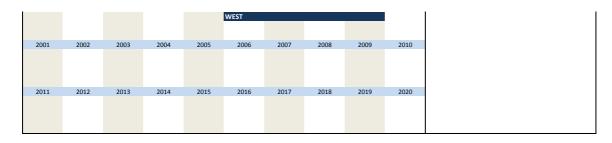
33)	wh4		working hours	: number in t-	2		West 04/19	991 to 04/1	995	annual survey, April
ording o	of question									
										Further information
/1991 to 0	14/1995									Additionally allowed hours in t-2
	f working hours y occasionally p		working hours	(not actually c	arriad out war	k) for good we	ark			* Example
	and other reaso		working nours	(Hot actually c	arried out wor	k) for good we	лк,			The question was posed in April 1993,
e chare of	the additionally	allowed hour	s to the total n	aid hours was:						"19XX=1992" and ""19YY=1991"
C Share Of	additionally									
			19YY about	%						
mo spar	of variable									
	n of variable									
me spar	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991 EST	1992	1993								
1991 EST	1992	1993								
1991 PEST 2001	1992	1993	2004	2005	2006	2007	2008	2009	2010	
1991 EST	1992	1993								
1991 PEST 2001	1992	1993	2004	2005	2006	2007	2008	2009	2010	

No. Name Label Survey period Survey frequency

3.34) chord1 range of orders within next 2 months: complete West 05/1991 to 05/1995 annual survey, May annua	No.	Name		Label				Survey peri	oa		Survey frequency
West since 05/2000 annual survey, May annual survey											
Sy1991 to 05/1995, since 05/2000  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    Increasing [1]	3.34)	chord1		range of order	within next	2 months: com	plete			1995	
Further information  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  Increasing [1] not changing [2] decreasing [3]  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  WEST	Maranetta a a	· f ······									
05/1991 to 05/1995, since 05/2000  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    increasing [1]	wording o	or question						East since t	05/2001		annuai survey, May
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  increasing [1] not changing [2] decreasing [3]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											Further information
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  increasing [1]	05/1991 to 0	5/1995, since 0	5/2000								
Because of current requests, submission results and contract negotiations, during the next two months we expect our range of orders to be  Increasing [1] not changing [2] decreasing [3]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  WEST  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	Evnected de	velonment of th	e range of or	dore							
increasing [1] not changing [2] decreasing [3]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST					act negotiation	ons, during the	next two mor	ths we expect			(10) main construction a accsy
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	our range of	orders to be									
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				increasing [1]			l				
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					2]			1			
## 1991				decreasing [3]							
## 1991											
## 1991											
WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	Time span	of variable									
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  WEST  EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											
WEST EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST	WEST									WEST	
WEST EAST  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST											
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 WEST	WEST										
WEST											
WEST											
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
EAST	WEST										
	EAST										

,	chord2 f question	range of orde other civil eng		2 months:		West 05/19	96 to 05/19	199	annual survey, May
	relopment of the ra	inge of orders mission results and cont	act negotiatio	ons, during the	next two mon	ths we expect			Further information  Development of the range of orders in 2 months: other civil engineering
	other civil engined	increasing [1] not changing decreasing [3							
Time span	of variable	1993 1994	1995	1996	1997	1998	1999	2000	

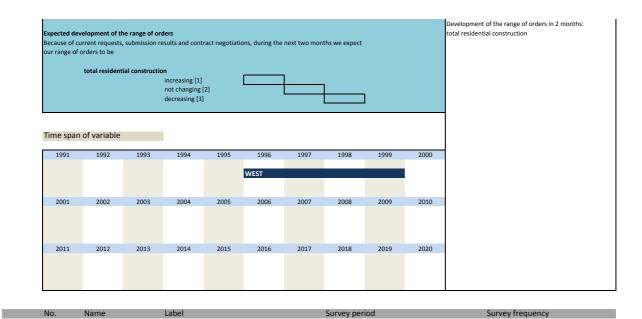
No. Name Label Survey period Survey frequency



No.	Name		Label				Survey per	iod		Survey frequency
3.36)	chord3		range of order public civil eng		2 months:		West 05/19	996 to 05/1	999	annual survey, May
wording	or question									
05/1996 to 0	05/1999 evelopment of th	ne range of ore	ders							Further information  Development of the range of orders in 2 month public civil engineering
	urrent requests	, submission re	esults and conti	ract negotiatio	ons, during the	next two mont	ths we expect			
our range of	orders to be									
	public civil en	-	increasing [1] not changing [	21			ľ			
								1		
			decreasing [3]					]		
Time spar	n of variable							]		
Time spar	n of variable	1993			1996	1997	1998	1999	2000	
			decreasing [3]	1995	1996 WEST	1997	1998	1999	2000	
			decreasing [3]	1995		1997	1998	1999	2000	
1991	1992	1993	1994	1995	WEST					
1991	1992	1993	1994	1995	WEST					
1991	1992	1993	1994 2004	1995	WEST 2006	2007	2008	2009	2010	

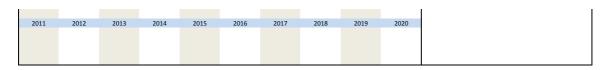
No.	Name		Label Survey period							Survey frequency
3.37) Wording	chord4		range of order		2 months:		West 05/19	996 to 05/1	999	annual survey, May
Because of	o 05/1999 development of the fourrent requests, of orders to be industrial civi	, submission r		2]	ons, during the	next two mon	ths we expect	l		Further information  Development of the range of orders in 2 months: industrial civil engineering
Time spa	an of variable	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

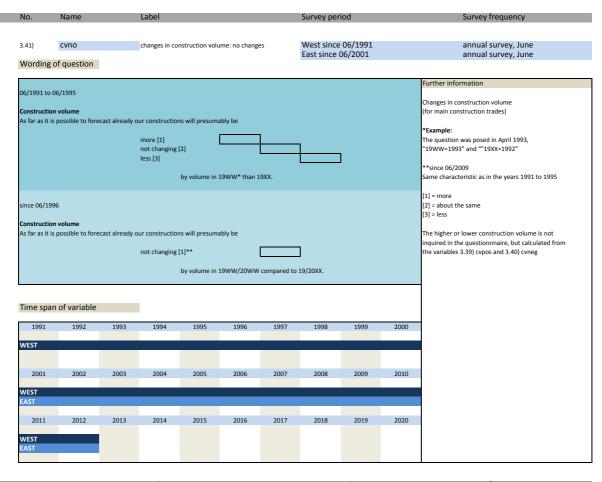
No.	Name	Label	Survey period	Survey frequency
			VV - 05 4005 - 05 4000	
3.38)	chord5	range of orders within next 2 months:	West 05/1996 to 05/1999	annual survey, May
		domestic construction, complete		
Wording	of question			
			F	Further information
05/1996 to	05/1999			



39)	chord6		range of order	s within next	2 months: dom	nestic	West 05/19	996 to 05/1	999	annual survey, May
	of question		construction: I				·			, , , , , , , , , , , , , , , , , , ,
5/1996 to 0	05/1999									Further information
ecause of c	velopment of th urrent requests, orders to be			act negotiatio	ons, during the	next two mont	ths we expect			Development of the range of orders in 2 months: Buildings with 3 or more apartments
	residential cor 3 or more apa		ereof buildings increasing [1] not changing [				l			
			decreasing [3]							
ime span	n of variable									
ime span	n of variable	1993			1996	1997	1998	1999	2000	
		1993	decreasing [3]	1995	1996 WEST	1997	1998	1999	2000	
•		1993	decreasing [3]	1995		1997	1998	1999	2000	
1991	1992		decreasing [3]	1995	WEST					

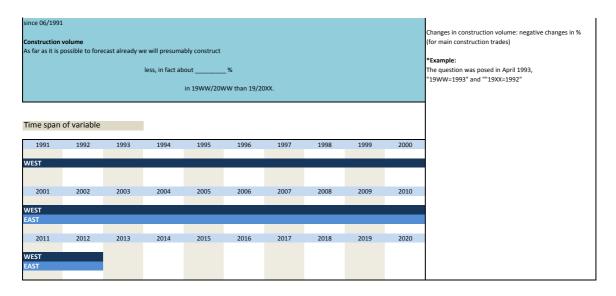
No.	Name		Label				Survey per	iod		Survey frequency
3.40) Wording	chord7		range of orde	rs within next 2 tion	2 months:		West 05/1	997 to 05/1	.999	annual survey, May
Because of cour range of	evelopment of the current requests, corders to be road construct	submission r		[2]	ons, during the	next two mon	ths we expect	l		Eurther information  Development of the range of orders in 2 months: road construction
1991	1992	1993	1994	1995	1996	1997 WEST	1998	1999	2000	





No.	Name		Label				Survey per	iod		Survey frequency
.42)	cvpos			nstruction volu	ime:		West since			annual survey, June annual survey, June
Wording o	f question		positive chang	ges in %		annuai survey, June				
										Further information
ince 06/1991										
										Changes in construction volume: positive changes in %
onstruction		cast already w	e will presuma	hly construct						(for main construction trades)
13 101 03 10 13 1	ossibic to forc	.cast an cauy w	c will presume	ibly construct						*Example:
			more, in fact a	about	%					The question was posed in April 1993,
										"19WW=1993" and ""19XX=1992"
				in 10\A/\A//20\	VW than 19/20	XX.				
				111 1300 00/200	*** 0.0 15,20					
				111 150000/200	*** alan 13, 20					
ime span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991		1993					1998	1999	2000	
		1993					1998	1999	2000	
1991 VEST	1992		1994	1995	1996	1997				
1991		1993					1998	1999	2000	
1991 VEST	1992		1994	1995	1996	1997				
1991 VEST	1992		1994	1995	1996	1997				
1991 VEST 2001 VEST AST	1992	2003	1994	1995	1996 2006	1997	2008	2009	2010	
1991 VEST 2001	1992		1994	1995	1996	1997				
1991 VEST 2001 VEST AST	1992	2003	1994	1995	1996 2006	1997	2008	2009	2010	
1991 VEST 2001 VEST AST 2011	1992	2003	1994	1995	1996 2006	1997	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.43)	cvneg	changes in construction volume:	West since 06/1991	annual survey, June
		negative changes in %	East since 06/2001	annual survey, June
Wording o	of question			
				Further information



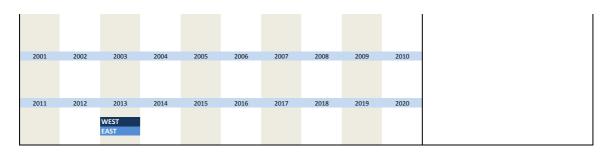
No.	Name		Label				Survey per	iod		Survey frequency
3.44) Wording	cvpr_bdl of question		% of construct by drawing lot				West since East since (			annual survey, June annual survey, June
since 06/201  Execution  Last year's to (share in %)	otal construction	n volume (=100 Drawing lots o (individual tra	of the building	contractor	in t by circa	otal %				Further information  Share of drawing lots to the total performance last year (in total)
Time spar	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	

	Name		Label				Survey per	iod		Survey frequency
3.45) Wordin	cvpr_sc g of question		% of construct as subcontrac	tion volume: tor (in general)	)		West since			annual survey, June annual survey, June
since 06/2	2013									Further information
Execution Last year's (share in 9	s total constructio	n volume (=100	)%) was accour	nted for by	in t	otal				Share of activities as a subcontractor to last year's to construction volume (in total)
		activities as su	bcontractor			%				
Time sp	oan of variable									
Time sp		1993	1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993								
	1992		1994	1995	1996 2006	1997	1998	1999	2000	
1991	1992	1993								

No.	Name		Label				Survey per	iod		Survey frequency		
3.46)	cvpr_pc		% of construct				West since (			annual survey, June annual survey, June		
Wording	of question		as prime cont	ractor (in gener	rai)		East since t	Jb/2013		annual survey, June		
										Further information		
since 06/20:	13									Share of activities as prime contractor to last year's t		
Execution										construction volume (in total)		
	otal construction	n volume (=100	%) was accour	nted for by						, , , , , , , , , , , , , , , , , , , ,		
(share in %)												
		activities as pr		_	in to	otal						
		(with partial co		Γ								
		completion)			by circa	%						
					.,					-		
Time spar	n of variable											
Time spar		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	n of variable  1992  2002	1993 2003 2013	2004	2005	1996	1997	2008	2009	2010			
1991	n of variable 1992 2002	1993	2004	2005	1996	1997	2008	2009	2010			

No.	Name		Label				Survey per	iod		Survey frequency
3.47)	cvpr_gc		% of construct	tion volume:			West since	06/2013		annual survey, June
	1 _0		as general cor	tractor (in gen	eral)		East since (			annual survey, June
Wording o	of question									·
										In the state of
since 06/201	2									Further information
SITICE 00/201	3									Share of activities as general contractor to last year's total
Execution										construction volume (in total)
	tal constructio	n volume (=100	)%) was accour	nted for by						
(share in %)										
		activity as gen	oral contracto		in t	otal				
		(total constru								
		subcontractor		. = 1	by circa	%				
Time chan	of variable									
Tillie spari	or 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	
2044	2012	2012	2014	2045	2016	2047	2010	2040	2020	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								

No.	Name	L	Label				Survey peri	od	Survey frequency
3.48)	cvpr_solec		% of construct				West since		annual survey, June
More	ding of question	a	s sole contrac	ctor (in genera	al)		East since (	06/2013	annual survey, June
WOIG	unig or question								
									Further information
since 0	06/2013								Share of activities as sole contractor to last year's tot
Execut	tion								construction volume (in total)
	ear's total construction v	rolume (=100%	%) was accoun	nted for by					
(share	in %)				in e	otal			
					III (	Oldi			
		ctivity as sole of		xecution for					
		roviding essen			her store	%			
					by circa	%			
Timo	span of variable								
	span or variable								
Tillle									



	Name		Label				Survey per	iod		Survey frequency
3.49)	cvpr_oth		% of construct				West since			annual survey, June annual survey, June
Wording	g of question									
										Further information
Execution Last year's (share in %	total construction	on volume (=100	%) was accour	nted for by						Share of other activities to last year's total construct volume (in total)
		other (general project develo financing mod contract, PPP I	per, system pr els, functional	ovider, pre-	in to					
	an of variable									
Time spa	an of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993								

No.	Name		Label			Survey period			Survey frequency	
3.50)	cvpu_bdl		% of construct		s)		West since East since (			annual survey, June annual survey, June
Wording o	ording of question									
										Further information
Execution	3 Ital construction	a valuma (=100	196) was accoun	stad for by						Share of drawing lots to last year's total construction volume (public principals)
(share in %)	ital collstruction	i volume (=100	7/6) was accoun	ited for by						
		Drawing lots o	of the building	contractor	public p	rincipals				
			des without sc		by circa	%				
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								
										L

No.	Name	Label	Survey period	Survey frequency
3.51)	cvpu_sc	% of construction volume: as subcontractor (public clients)	West since 06/2013 East since 06/2013	annual survey, June annual survey, June
Wording	of question			Further information
since 06/20	013			Share of activities as subcontractor to last year's total



	Name		Label				Survey per	100		Survey frequency
52)	cvpu_pc		% of construct	ion volume:			West since	06/2013		annual survey, June
			as prime contractor (public clients)				East since 06/2013			annual survey, June
ording/	of question									
										Further information
nce 06/20	13									Share of activities as prime contractor to last year's t
ecution										construction volume (public principals)
	total constructio	n volume (=100	%) was accour	nted for by						,
hare in %)										
		activities as pr			public p	rincipals				
		(with partial co		ſ						
		completion)			by circa	%				
ime spa	n of variable									
ime spa	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993								
			1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993								
1991	1992	1993								
1991	1992	1993	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993								
1991	1992	1993	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993 2003 2013	2004	2005	2006	2007	2008	2009	2010	

	Name		Label				Survey peri	od		Survey frequency
53) /ording o	cvpu_gc of question		% of construct as general con		clients)		West since East since 0			annual survey, June annual survey, June
nce 06/201	.3									Further information
ecution st year's to nare in %)	otal constructio	n volume (=100	%) was accour	ited for by						Share of activities as general contractor to last year's tot construction volume (public principals)
		activity as gen (total construc	ction execution		public p					
		subcontractor	s)		by circa	%				
me spar	of variable									
me spar	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993								
1991	1992	1993								

	Name		Label				Survey per	iod		Survey frequency
3.54)	cvpu_sole	С	% of construc	tion volume:			West since			annual survey, June
Mording	of question		as sole contra	ctor (public cli	ents)		East since	06/2013		annual survey, June
worung	oi question									
										Further information
since 06/20	013									Share of activities as sole contractor to last year's to
Execution										construction volume (public principals)
	total construction	n volume (=100	0%) was accou	nted for by						
(share in %)	)				public p	rincipals				
		activity as sole			pasiic p	псриз				
		(planning and		execution for						
		providing esse	ential own serv	vices)	by circa	%				
					by circa					
										1
Time spa	n of variable									
Time spa	n 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	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993								
1991	1992	1993	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993 2003 2013	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993 2003 2013 WEST	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993 2003 2013 WEST EAST	2004	2005	2006	2007	2008	2009	2010	Survey frequency

NO.	Name		Labei				Survey per	100		Survey frequency
3.55)	cvpu oth		% of construct	ion volume:			West since	06/2013		annual survey, June
,	0.00_0		others (public				East since 06/2013			annual survey, June
Wording	g of question		"	•				,		,,
										Further information
since 06/2	1013									
Execution										Share of other activities to last year's total construction volume (public principals)
	total construction	n volume (=100	1%) was accour	ted for hy						volume (public principals)
(share in 9		voidine ( 200	,, was accoun							
Ì					public p	rincipals				
			contractor, pr							
			per, system pr							
		contract, PPP	lels, functional	construction						
		contract, FFF	illoueisj		by circa	%				
Time sp	an of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								

INO.	Ivairie	Label	Jul vey periou	Julyey frequency
3.56)	pcgc_gen	We regularly act as prime/ general contractor	West since 06/2013	annual survey, June
		(in general)	East since 06/2013	annual survey, June
Wording	of question			
				Further information
since 06/20	13			
Drime_/ ger	neral contractor services			Regular work as prime/ general contractor (in general)
a) we regula				
		in general		
		yes [1]	]	
	as prime or ge	eneral contractor	1	
		no [2]	J	
Time spa	n of variable			

1001	4000	1000	1001	1005	1005	4007	1000	1000	2000
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2011	2012	WEST EAST	2014	2015	2016	2017	2018	2019	2020

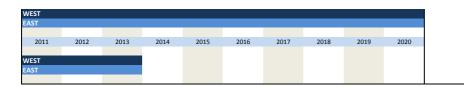
	Name		Label				Survey per	iod		Survey frequency
3.57)	pcgc_pub		We regularly a	act as prime/ g	eneral contrac	tor	West since	06/2013		annual survey, June
			(public clients	)			East since	06/2013		annual survey, June
Wording	of question									
										Further information
since 06/20	013									Barrier and a series of a seri
Prime-/ ge	neral contractor	rservices								Regular work as prime/ general contractors (pub principals)
a) we regul		JCI VICES								
					6-	r public princip	-1-			
					10	r public princip	Jais			
					yes [1]					
		as prime/ gen	neral contractor	•	no [2]		1			
					[2]					
Time sna	on of variable									
Time spa	an of variable	2	ı							
Time spa	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	
1991	1992	1993								
			1994	1995	1996	1997	1998	1999	2000	
1991	1992	1993								
1991	1992	1993								
1991	1992	1993	2004	2005	2006	2007	2008	2009	2010	
1991	1992	1993								
1991	1992	1993	2004	2005	2006	2007	2008	2009	2010	
1991	1992	2003	2004	2005	2006	2007	2008	2009	2010	

No. Name

No.	Name		Label Survey period							Survey frequency
3.58)	prop_gen		Propensity for	placing orders	with prime/ g	general	West since			annual survey, June
Mandin a	contractors (in general) East since 06/2013									annual survey, June
wording	or question									
										Further information
since 06/20	)13									Propensity for placing orders with prime/ general
Prime-/ ger	neral contractor	services								contractors (in general)
b) During th	ne last years the	propensity of p	rincipals to pla	e orders as pi	rime/ general o	contractors ha	s			
					in general					
			i	creased [1]		1				
			not	changed [2]						
			de	creased [3]		1				
				"		-				
Time spa	in 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								

1	No.	Name	Label	Survey period	Survey frequency
3	3.59)	prop_pub	Propensity for placing orders with prime/ general	West since 06/2013	annual survey, June

Secret   Company   Compa	Wording o										le aborto contro
Since Optional State	wording c	21 question	•								
Marrier   Marr	since 06/201	13									
Time span of variable    1991   1992   1993   2994   2995   3996   3997   2998   2999   2009    2001   2002   2003   2004   2015   3996   3997   3998   3999   2009   2009    2001   2002   2003   2004   2015   3996   3997   3998   3999   2009   2009    2004   2003   2004   2015   3996   3997   3998   3999   2009   2009    2004   2003   2004   2015   3996   3997   3998   3999   2009   2009    2004   2003   2004   2005   3996   3997   3998   3999   2009   2009    2004   2005   2008   2009	Prime-/ gene	eral contractor	services								
Time: span of variable:    1992	b) During the	e last years the	propensity of p	orincipals to p	lace orders as p	prime/ general o	contractors h	as			
Time span of variable  1901					fo	or public princip	als				
Time span of variable					increased [1]		]				
Time span of variable  1991 1992 1993 1994 1995 2005 2006 2007 2008 2009 2010  2001 2002 2001 2004 2015 2016 2015 2016 2017 2018 2019 2000  No. Name Label Survey period Survey frequency  Wording of question  1001 1902 1903 1994 1995 1996 1997 1998 1999 2000  From pating pati				no	ot changed [2]		]				
Times span of variable    1991					decreased [3]		1				
1991   1992   1993   1994   1995   1996   2997   1998   1999   2000											
1991   1992   1993   1994   1995   1996   2997   1998   1999   2000	Time a consu										
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  2011 2012 2013 2014 2015 2016 2015 2016 2017 2018 2019 2020  NO. Name Label Survey period Survey frequency  Wording of question  Survey frequency June annual survey, July annu				1							
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											
No. Name Label Survey period Survey frequency  3.60) problipub As have problems regarding public procurement law West since 06/2013 annual survey. June annual survey, June (padic clients)  Wording of question  Since 06/2013 annual survey, June an	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
No. Name Label Survey period Survey frequency  3.60) problipub As have problems regarding public procurement law West since 06/2013 annual survey. June annual survey, June (padic clients)  Wording of question  Since 06/2013 annual survey, June an											
No. Name Label Survey period Survey frequency  3.60) problipub As have problems regarding public procurement law West since 06/2013 annual survey. June annual survey, June (padic clients)  Wording of question  Since 06/2013 annual survey, June an	2011	2012	2042	2014	2045	2016	2017	2010	2040	2020	
No. Name Label Survey period Survey frequency  3-60) probl_pub Are there problems regarding public procurement law [public clents]  Wording of question  West since 06/2013 annual survey, June annual survey, July annual survey,	2011	2012		2014	2013	2010	2017	2018	2019	2020	
3.60) probl_pub											
3.60) probl_pub											
3.60) probl_pub	No.	Name		Label			-	Survey per	iod	-	Survey frequency
Sast since 06/2013   annual survey, June											
### Survey period    Survey period   Survey frequency   Survey frequency	3.60)	probl_pub				ing public procu	rement law				
Problems regarding public procurement law for public principals	Wording o	of question		(public client	.5)			Last since	00/2013		annuar survey, June
Prime-ly general contractor services (c) Ave there problems regarding public procurement law for public clients?  for public principals  yes [1]											
Ave there problems regarding public procurement law for public clients?											Further information
Time span of variable	since 06/201										
Yes [1]	Prime-/ gene	13 eral contractor	services	ocurement law	, for public clie	ents?					
Time span of variable  1991	Prime-/ gene	13 eral contractor	services	ncurement law			ale				
Time span of variable  1991	Prime-/ gene	13 eral contractor	services	ocurement law	fc		als				
1991   1992   1993   1994   1995   1996   1997   1998   1999   2000	Prime-/ gene	13 eral contractor	services	ocurement law	fo yes [1]		als				
1991   1992   1993   1994   1995   1996   1997   1998   1999   2000	Prime-/ gene	13 eral contractor	services	ocurement law	fo yes [1]		als				
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010  2011 2012 2013 2014 2015 2016 2017 2018 2019 2020  WEST EAST  No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July Wording of question  Since 07/1991  Borrowed equipment / placing of equipment intensive works to subcontractors Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1] no [2]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	Prime-/ gene	13 eral contractor	services	ocurement law	fo yes [1]		ials				
No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July Wording of question  Since 07/1991  Borrowed equipment intensive works to subcontractors  Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1]	Prime-/ gene c) Are there	eral contractor problems regar	services rding public pro	ocurement law	fo yes [1]		ials				
No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July Wording of question  Since 07/1991  Borrowed equipment intensive works to subcontractors  Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1]	Prime-/ gene c) Are there   Time spar	eral contractor problems regar	services ding public pro		fc yes [1] no [2]	or public princip	] ]	1998	1999	2000	
No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July Wording of question  Since 07/1991  Borrowed equipment intensive works to subcontractors  Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1]	Prime-/ gene c) Are there   Time spar	eral contractor problems regar	services ding public pro		fc yes [1] no [2]	or public princip	] ]	1998	1999	2000	
No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July annual survey,	Prime-/ gene c) Are there   Time spar	eral contractor problems regar	services ding public pro		fc yes [1] no [2]	or public princip	] ]	1998	1999	2000	
No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July annual survey,	Prime-/ gent c) Are there   Time spar	eral contractor problems regar n of variable	services ding public pro	1994	fc yes [1] no [2]	1996	1997				
No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July annual survey,	Prime-/ gent c) Are there   Time spar	eral contractor problems regar n of variable	services ding public pro	1994	fc yes [1] no [2]	1996	1997				
No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July East since 07/2001  Wording of question  Since 07/1991  Borrowed equipment / placing of equipment intensive works to subcontractors Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1] no [2]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	Prime-/ gene c) Are there ! Time spar 1991	eral contractor problems regar n of variable 1992 2002	services ding public pro	1994	for yes [1] no [2] 1995	1996	1997	2008	2009	2010	
No. Name Label Survey period Survey frequency  3.61) bes borrowed equipment / subcontractors West since 07/1991 annual survey, July annual survey, July  Wording of question  Since 07/1991  Borrowed equipment / placing of equipment intensive works to subcontractors  Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1] no [2]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	Prime-/ gene c) Are there ! Time spar 1991	eral contractor problems regar n of variable 1992 2002	services ding public pro	1994	for yes [1] no [2] 1995	1996	1997	2008	2009	2010	
3.61) bes borrowed equipment / subcontractors  West since 07/1991 East since 07/2001  annual survey, July annual survey, July  Borrowed equipment / placing of equipment intensive works to subcontractors  Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1]	Prime-/ gene c) Are there ! Time spar 1991	eral contractor problems regar n of variable 1992 2002	services ding public pro  1993 2003  2013  WEST	1994	for yes [1] no [2] 1995	1996	1997	2008	2009	2010	
3.61) bes borrowed equipment / subcontractors  West since 07/1991 East since 07/2001  annual survey, July annual survey, July  Wording of question  Further information  Borrowed equipment / placing of equipment intensive works to subcontractors  Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1] no [2]  Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	Prime-/ gene c) Are there ! Time spar 1991	eral contractor problems regar n of variable 1992 2002	services ding public pro  1993 2003  2013  WEST	1994	for yes [1] no [2] 1995	1996	1997	2008	2009	2010	
Wording of question    East since 07/2001   annual survey, July	Prime-/ gene c) Are there   Time spar 1991 2001	eral contractor problems regar n of variable 1992 2002	services ding public pro  1993 2003  2013  WEST	1994 2004 2014	for yes [1] no [2] 1995	1996	1997	2008	2009	2010	Problems regarding public procurement law (publi
Wording of question    East since 07/2001   annual survey, July	Prime-/ gene c) Are there ! Time spar 1991	eral contractor problems regar n of variable 1992 2002	services ding public pro  1993 2003  2013  WEST	1994 2004 2014	for yes [1] no [2] 1995	1996	1997	2008	2009	2010	Problems regarding public procurement law (publi
Further information  Borrowed equipment / placing of equipment intensive works to subcontractors  Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1]	Prime-/ gene c) Are there   Time spar 1991 2001	eral contractor problems regar n of variable 1992 2002 2012	services ding public pro  1993  2003  2013  WEST EAST	1994 2004 2014	1995 2005	1996 2006	1997	2008 2018 Survey per	2009 2019 iod	2010	Problems regarding public procurement law (publi
Borrowed equipment / placing of equipment intensive works to subcontractors Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1]	Prime-/ gene c) Are there ! Time spar 1991 2001 No.	an of variable  1992  2002  Name  bes	services ding public pro  1993  2003  WEST EAST	1994 2004 2014	1995 2005	1996 2006	1997	2008 2018 Survey per	2009 2019 iod	2010	Problems regarding public procurement law (public procurement law)
Borrowed equipment / placing of equipment intensive works to subcontractors  Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1]	Prime-/ gene c) Are there ! Time spar 1991 2001 No.	an of variable  1992  2002  Name  bes	services ding public pro  1993  2003  WEST EAST	1994 2004 2014	1995 2005	1996 2006	1997	2008 2018 Survey per	2009 2019 iod	2010	Survey frequency  annual survey, July annual survey, July
Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works  yes [1]	Prime-/ genecol Are there of the control of the con	n of variable  1992  2002  Name  bes  of question	services ding public pro  1993  2003  WEST EAST	1994 2004 2014	1995 2005	1996 2006	1997	2008 2018 Survey per	2009 2019 iod	2010	Survey frequency  annual survey, July annual survey, July
Time span of variable  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	Prime-/ general color of the co	n of variable  1992  2002  Name  bes  of question	services ding public pro  1993  2003  2013  WEST  EAST	1994 2004 2014 Label	1995 2005 2015	1996 2006 2016	1997	2008 2018 Survey per	2009 2019 iod	2010	Survey frequency  annual survey, July annual survey, July annual survey
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	Prime-/ genecol Are there of the color of th	n of variable  1992  2002  Name  bes of question  pulpment / plan  guipment / plan	services ding public pro  1993  2003  2013  WEST  EAST	1994 2004 2014 Label borrowed equations intensive	1995 2005 2015	1996 2006 2016	1997 2007 2017	2008  2018  Survey per  West since tast since to	2009 2019 iod 07/1991 07/2001	2010	Survey frequency  annual survey, July annual survey, July annual survey
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	Prime-/ genecol Are there of the color of th	n of variable  1992  2002  Name  bes of question  pulpment / plan  guipment / plan	services ding public pro  1993  2003  2013  WEST  EAST  cing of equipm ment or engage	1994 2004 2014 Label borrowed equations intensive	1995 2005 2015	1996 2006 2016 contractors	1997 2007 2017	2008  2018  Survey per  West since tast since to	2009 2019 iod 07/1991 07/2001	2010	Survey frequency  annual survey, July annual survey, July annual survey
1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	Prime-/ genecol Are there of the color of th	n of variable  1992  2002  Name  bes of question  pulpment / plan  guipment / plan	services ding public pro  1993  2003  2013  WEST  EAST  cing of equipm ment or engage	1994 2004 2014 Label borrowed equations intensive	1995 2005 2015	1996 2006 2016 contractors	1997 2007 2017	2008  2018  Survey per  West since tast since to	2009 2019 iod 07/1991 07/2001	2010	Survey frequency  annual survey, July annual survey, July annual survey
	Prime-/ gene c) Are there in the span  Time span  1991  2001  2011  No.  3.61)  Wording of the span of	n of variable  1992  2002  2012  Name  bes of question  guipment / plate we rent equipment / pla	services ding public pro  1993  2003  2013  WEST  EAST  cing of equipment or engage yes [1]	1994 2004 2014 Label borrowed equations intensive	1995 2005 2015	1996 2006 2016 contractors	1997 2007 2017	2008  2018  Survey per  West since tast since to	2009 2019 iod 07/1991 07/2001	2010	Survey frequency  annual survey, July annual survey, July annual survey
WEST	Prime-/ general color of the co	n of variable  1992  2002  2012  Name  bes of question  quipment / plan we rent equipr	services ding public pro  1993  2003  2013  WEST  EAST  cing of equipm ment or engage yes [1]	1994 2004 2014 Label borrowed equent intensive e specialized fi	1995 2005 2015 auipment / subcrims as subcont	1996 2006 2016  contractors stractors to com	1997 2007 2017	2008  2018  Survey per  West since to the since of the si	2009 2019 iod 07/1991 07/2001	2010	Survey frequency  annual survey, July annual survey, July annual survey
	Prime-/ general color of the co	n of variable  1992  2002  2012  Name  bes of question  quipment / plan we rent equipr	services ding public pro  1993  2003  2013  WEST  EAST  cing of equipm ment or engage yes [1]	1994 2004 2014 Label borrowed equent intensive e specialized fi	1995 2005 2015 auipment / subcrims as subcont	1996 2006 2016  contractors stractors to com	1997 2007 2017	2008  2018  Survey per  West since to the since of the si	2009 2019 iod 07/1991 07/2001	2010	Survey frequency  annual survey, July annual survey, July annual survey
	Prime-/ general color of the co	n of variable  1992  2002  2012  Name  bes of question  quipment / plan we rent equipr	services ding public pro  1993  2003  2013  WEST  EAST  cing of equipm ment or engage yes [1]	1994 2004 2014 Label borrowed equent intensive e specialized fi	1995 2005 2015 auipment / subcrims as subcont	1996 2006 2016  contractors stractors to com	1997 2007 2017	2008  2018  Survey per  West since to the since of the si	2009 2019 iod 07/1991 07/2001	2010	Survey frequency  annual survey, July annual survey, July annual survey, July

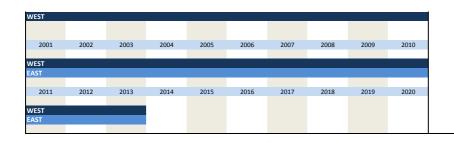


No.	Name		Label				Survey per	riod		Survey frequency
3.62)	beslc		borrowed equ	uipment / subc	ontractors:		West since			annual survey, July annual survey, July
Wording	of question		ioi iack oi cap	Jacities			Last since	07/2001		annual Survey, July
										Further information
since 07/19	991									Borrowed equipment due to lack of capacitie
	equipment / plac							- also		(for main construction trades)
Occasional If yes, this i	ly we rent equipn is primarily	nent or engage	specialized fir	ms as subcont	ractors to com	iplete equipme	nt intensive w	orks .		
							1			
	to compensat	e fo short-tern	n lack of capac	ities [1]						
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		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 2011	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001 WEST EAST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

No. Name Label Survey period Survey frequency

3)	bessw		borrowed equ special work	ipment / subc	ontractors:		West since 0			annual survey, July annual survey, July
ording	of question		special Work				Lust since 0	7,2001		armuar survey, sury
										Further information
nce 07/199	91									Borrowed equipment due to special work
	quipment / plac									(for main construction trades)
	we rent equipm primarily	ent or engage	specialized fire	ms as subcont	ractors to com	plete equipme	nt intensive wo	rks .		
	for special wo by other comp		e executed che	aper						
	by other comp	Jannes [1]								
ime snar	n of variable									
ime spai	n of variable									
ime spai	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 VEST	1992									
1991		1993	1994	1995	1996	1997	1998	1999	2000	
1991 VEST 2001	1992									
1991 VEST	1992									
1991 VEST 2001	1992									
1991 VEST 2001 VEST AST 2011	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 VEST 2001 VEST	1992	2003	2004	2005	2006	2007	2008	2009	2010	

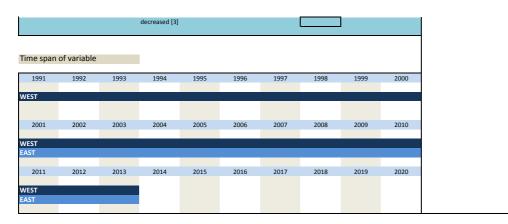
No.	Name	Label		Survey period	Survey frequency
3.64)	beper	borrowed eq	uipment: number in %	West since 07/1991 East since 07/2001	annual survey, July annual survey, July
Wordin	g of question			Ed3t 3iliec 07/2001	annual survey, sury
					Further information
since 07/1	991				Borrowed equipment in %
since 07/1		g of equipment intensive % of our equi	works to subcontractors pment capacity in 20XX* were bor	rowed equipment	Borrowed equipment in % (for main construction trades)  * "20XX" means last year
Borrowed				rowed equipment	(for main construction trades)



			Labei				Survey per	ou		Survey frequency
3.65)	belope		borrowed equ				West since			annual survey, July
			number in % f	or longer perio	ods		East since (	07/2001		annual survey, July
Wording	of question									
										Further information
since 07/19	91									
										Borrowed equipment in %, longer periods
	quipment / plac									(for main construction trades)
the share o	f long-term borro	owed equipme	ent (more than	one year) to th	ne existing equ	ipment capac	ity was			
					% of Borro	wed equipme	ent			
Time spa	n of variable									
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	
		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	1992									
1991 WEST 2001	1992									
1991 WEST 2001 WEST	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001	1992									
1991 WEST 2001 WEST EAST 2011	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST 2001 WEST EAST 2011	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
3.66)	bewill		borrowed equ	uipment: willin	gness		West since			annual survey, July
Mordina	of question						East since (	07/2001		annual survey, July
wording	oi question									
										Further information
since 07/19	991									willingness to borrow equipment
Borrowed	equipment / plac	ing of equipm	nent intensive v	works to subco	ontractors					(for main construction trades)
	last years the wil									, , , , , , , , , , , , , , , , , , , ,
			increased [1] not changed [	[2]						
			decreased [3]					1		
								_'		
	n of variable		4004	4005	4000	4007	1000	4000	2000	
Time spa	in of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992	1993								
1991 WEST 2001	1992	1993								
1991 WEST	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	

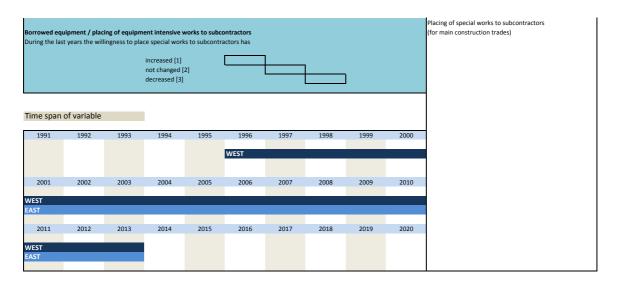
NO.	Ivallie	Labei		Survey periou	Survey frequency
3.67)	bewilp	borrowed equipment	:	West since 07/1991	annual survey, July
		willingness for longer	periods	East since 07/2001	annual survey, July
Wordin	g of question				· · ·
	0 - 1				
					Further information
since 07/	1991				
Since 077	1331				willingness to borrow equipment for longer periods
Borrowe	d equipment / placing of	f equipment intensive works to	subcontractors		(for main construction trades)
		ess to borrow equipment for lo			(for main construction trades)
During th	e iast years the willinghe	ess to porrow equipment for ior	iger perious nas		
		increased [1]			
		not changed [2]			



	Name		Label				Survey per	riod		Survey frequency
3.68)	sper		subcontractor	s: % of sales v	olume		West since			annual survey, July
Wording	of question						East since	07/2001		annual survey, July
since 07/19	01									Further information
	equipment / plac	ing of equipm	ent intensive v	vorks to subco	ontractors					Share of sales volume subcontractors (for main construction trades)
19/20XX* e	quipment intensi	ive services of	subcontractors	account for c	irca%	of our sales v	olume			* "20XX" means last year
Time spa	n of variable									Example: If the question was posed in July 2003 , "20XX"="2002".
4004										
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
WEST 2001	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
WEST 2001										
WEST 2001 WEST EAST	2002	2003	2004	2005	2006	2007	2008	2009	2010	

	Name		Label				Survey per	riod		Survey frequency
3.69)	swill1		subcontractor	rs: willingness			West 07/1	991 to 07/1	.995	annual survey, July
Mording	of question									
worumg	oi question									
07/1991 to	07/1005									Further information
77/1991 (0	07/1995									Placing special works to subcontractors
	quipment / plac									
ouring the i	ast years the wil	lingness to pla	ce special work	ks to subcontra	actors nas					
			increased [1]	201						
			not changed [ decreased [3]					1		
Time spa	n of variable									
·		1993	1994	1995	1996	1997	1998	1999	2000	
1991	n of variable	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	2003	2004	2005	2006	2007	2008	2009	2010	
1991 WEST	1992									
1991 WEST 2001	1992	2003	2004	2005	2006	2007	2008	2009	2010	

No.	Name	Label	Survey period	Survey frequency
3.70)	swill	subcontractors: willingness	West since 07/1996 East since 07/2001	annual survey, July annual survey, July
Wording	of question		,	, , , , , , , , , , , , , , , , , , , ,
				Further information
since 07/19	996			



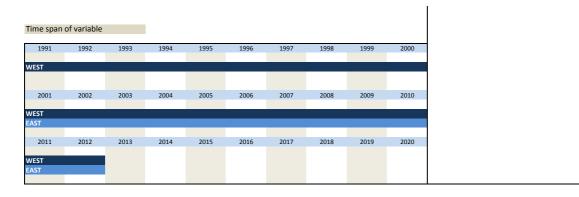
No.	Name		Label				Survey peri	iod		Survey frequency
3.71) Wording	co1 of question		medium-term of 3. quarter	expected com	nmercial operati		West since (			annual survey, August annual survey, August
since 08/19	991 to 08/1995									Further information
Medium-te	erm expected cor f business with re				3. quarter 19W	'W**				Commercial operations this year 3. quarter (for main construction trades)  *Instructions to answer  "Please answer this special question for the who company, plant or subsidiary"
since 08/19			bad [4] very bad [5]							** "20WW" means this year Example:
	996 *** erm expected cor	nmercial oper	ations*							If the question was posed in July 2003 , "20WW"="2003".
Medium-te					3. quarter 19/2	0WW**				
<b>Medium-te</b> Our state o	erm expected cor		good [1] satisfiable [2]		3. quarter 19/2	:0WW**				"20WW"="2003".
<b>Medium-te</b> Our state o	erm expected cor f business with re		good [1] satisfiable [2]	1995	3. quarter 19/2	.0WW** 1997	1998	1999	2000	"20WW"="2003".
Medium-te Our state o	erm expected cor f business with re	espect to econ	omic cycles good [1] satisfiable [2] bad [3]	1995			1998	1999	2000	"20WW"="2003".
Medium-te Our state o	erm expected cor f business with re	espect to econ	omic cycles good [1] satisfiable [2] bad [3]	1995			1998	1999	2000	"20WW"="2003".
Medium-te Our state o  Time spa  1991 WEST	erm expected cor f business with re in of variable	1993	omic cycles good [1] satisfiable [2] bad [3]		1996	1997				"20WW"="2003".
Medium-te Our state o  Time spa  1991 WEST	erm expected cor f business with re in of variable	1993	omic cycles good [1] satisfiable [2] bad [3]		1996	1997				"20WW"="2003".

No.	Name	Label		Survey period	Survey frequency
since 08/19	co2 of question 91 to 08/1995 rm expected commerc business with respect	to economic cycles  very good [1] good[2] satisfiable [3] bad [4]	4. quarter 19WW**	West since 08/1991 East since 08/2001	annual survey, August annual survey, August annual survey, August  Further information  Commercial operations this year, 4. quarter (for main construction trades)  *instructions to answer "Please answer this special question for the whole company, plant or subsidiary"
since 08/19	96	very bad [5]			** "20WW" means this year  Example:  If the question was posed in July 2003 , "20WW."="2003".
	rm expected commerc f business with respect		4. quarter 19/20WW**		20ww = 2003 .

			good [1] satisfiable[2] bad [3]						
Time span	of variable								
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
WEST									
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
WEST EAST									
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
WEST									
EAST									

No.	Name		Label				Survey per	iod		Survey frequency	
3.73) Wording	co3 of question		medium-term e 1. quarter	medium-term expected commercial operations: 1. quarter				08/1991 08/2001		annual survey, August annual survey, August	
since 08/100	91 to 08/1995									Further information	
Medium-ter	rm expected com business with re		omic cycles		1. quarter 19VV	**				Commercial operations next year, 1. quarter (for main construction trades)  *Instructions to answer	
			very good [1] good[2] satisfiable [3] bad [4] very bad [5]							"Please answer this special question for the who company, plant or subsidiary"	
since 08/199	96									** "20VV" means next year  Example:  If the question was posed in August 2003 ,  "20VV"="2004".	
	rm expected com business with re				1. quarter 20VV	**					
					1. quarter 20VV	**					
Our state of			good [1] satisfiable [2]		1. quarter 20VV	**					
Our state of	business with re		good [1] satisfiable [2]	1995	1. quarter 20VV	1997	1998	1999	2000		
Our state of	business with re	spect to econ	omic cycles good [1] satisfiable [2] bad [3]	1995			1998	1999	2000		
Our state of  Time spai	business with re	spect to econ	omic cycles good [1] satisfiable [2] bad [3]	1995			1998	1999	2000		
Our state of Time span 1991 WEST 2001	n of variable	1993	omic cycles good [1] satisfiable [2] bad [3]		1996	1997					
Our state of Time spai  1991  WEST  2001	n of variable	1993	omic cycles good [1] satisfiable [2] bad [3]		1996	1997					

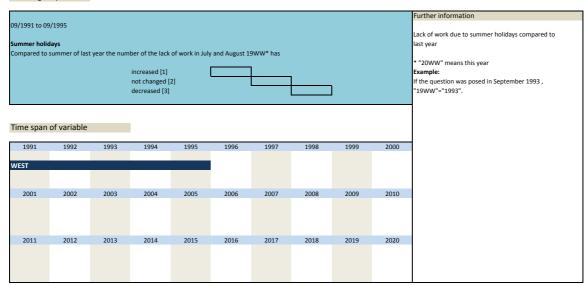
No.	Name	Label	Su	irvey period	Survey frequency
3.74)	co4	medium-term expected comr	nercial operations: W	est since 08/1991	annual survey, August
		2. quarter		st since 08/2001	annual survey, August
Wording	of question				· · ·
					Further information
since 08/19	91 to 08/1995				
					Commercial operations next year, 2. quarter
	rm expected commer				(for main construction trades)
our state of	business with respec	t to economic cycles	. quarter 20VV**		*Instructions to answer
		very good [1]			"Please answer this special question for the whole
		good[2]			company, plant or subsidiary"
		satisfiable [3]			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		bad [4]			
		very bad [5]			
					** "20VV" means next year
					Example:
since 08/19	96				If the question was posed in August 2003,
					"20VV"="2004".
	rm expected commer business with respec		. quarter 20VV**		
Our state or	business with respec	t to economic cycles	. quarter 20VV		
		good [1]			
		satisfiable [2]			
		bad [3]			
					•



No.	Name	Label	Survey period	Survey frequency
3.75)	lackwoper	number lack of work in %	West 09/1991 to 09/1995	annual survey, September
Mording	of question			
wording	or question			
			F	urther information
09/1991 to	09/1995			and of conductive to accompany to the con-
Summer ho	lidavs			ack of work due to summer holidays
	•	k of work due to holidays was about	% of the working hours of all employees	

Time span of variable WEST 

No.	Name	Label	Survey period	Survey frequency
3.76)	lackwo2	lack of work (comparison)	West 09/1991 to 09/1995	annual survey, September



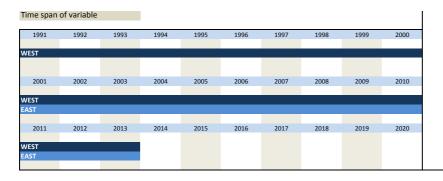
No.	Name	Label	Survey period	Survey frequency
3.77)	prpa1	precast parts: utitization	West since 10/1991 East since 10/2001	annual survey, October annual survey, October
Wording	g of question		2050511100 2072	umadi sai tey, secesei
since 10/1	991			Further information Utilization of precast parts

<b>Utilization of</b>	precast parts	in "conventior	(for main construction trades)							
For our "conv	entional" cons	tructions we a	lso use precast	parts (flights	of stairs, façad	le elements, pr	efabricated cei	lings,		
light shafts fo	r cellars, canliz	ation and shaf	t construction	elements*, tül	bbings and so f	orth)				* Addition "canalization and shaft construction
							_			elements" since 10/1996
		yes [1]			no [2]					
Time coan	of variable									
Tille Spall	OI Vallable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1551	1332	1333	2551	1333	1330	1337	1550	1333	2000	
WEST										
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
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
3.78) Wording	prpacvm of question		precast parts: % of construc	tion volumen a	t the moment		West since East since			annual survey, October annual survey, October
For our "cor light shafts If yes:	91 of precast parts i nventional" consi for cellars, canliz ts currently accou	tructions we al ation and shaft	so use precast t construction	parts ( flights of elements*, tüb	bings and so f		efabricated ce	ilings,		Further information  Percentage of precast parts of the construction vol (for main construction trades)  * Addition "canalization and shaft construction elements" since 10/1996
						^				
Time spa	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992					1997				
1991		1993	1994	1995	1996		1998	1999	2000	
1991 WEST 2001 WEST	1992					1997				

VO.	Name		Labei				Survey peri	ou		Survey frequency
3.79)	prpacvy		precast parts:				West since	10/1991		annual survey, October
,	1. 1 /			ion volumen v	vhole vear		East since 10/2001			annual survey, October
Wording	of question		70 OI COIISTI GC	.ion volumen v	mole year		Lust since s	10, 2001		aaa. sa. vey, eetesse.
										Further information
since 10/19	91									precast parts: % of construction volume last year
Itilization .	of precast parts i	m "nomunamelom								(for main construction trades)
	nventional" cons				of stairs, facad	o olomonts nr	ofabricated coi	lings		(ior main construction trades)
	for cellars, canliz						erabi icateu cei	iligs,		* Addition "canalization and shaft construction
If yes:	TOT CCHAIS, CAITILE	acion and snarc	construction	cicinciits , tuc	ioniga ana 30 i	oranj				elements" since 10/1996
•	of precast parts to	the total const	truction value	is circa		%				cicinents since 10/1330
inc silate u	n precast parts to	the total cons		19/20XX** ap		/0	%			* "20XX" means last year
				15, 20,00 ap	p. 0atciy _					Example:
										If the question was posed in October 2003 ,
										"20XX"="2002".
Time sna	n of variable									2007 - 2002 .
·····c spa	or variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999		
									2000	
WEST									2000	
									2000	
									2000	
									2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009		
	2002	2003	2004	2005	2006	2007	2008	2009		
WEST	2002	2003	2004	2005	2006	2007	2008	2009		
2001 WEST EAST	2002	2003	2004	2005	2006	2007	2008	2009		
WEST	2002	2003	2004	2005	2006	2007	2008	2009		
WEST EAST									2010	
WEST EAST									2010	
WEST EAST 2011 WEST									2010	
WEST EAST 2011									2010	

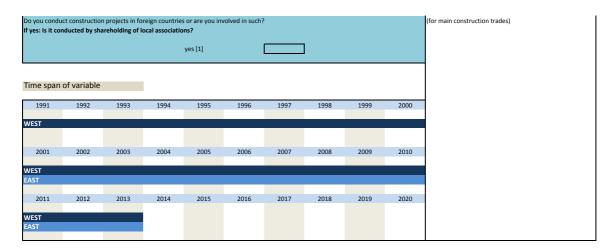
vvorging (	of question		overtime				EdSt Silice	10/2001		annual survey, October annual survey, October
										Further information
10/1991 to 1	0/2001									Overtime
Overtime In the month	under report o	vertime was	worked in our co	ompany						(for main construction trades)
		yes [1]			no [2]		]			
since 10/200	2									
Overtime In Septembe	r overtime was	worked in ou	r company							
		yes [1]			no [2]		]			
Time span	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
WEST										
2001	2002	2002	2004	2005	2006	2007	2008	2000	2010	
2001 WEST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
WEST EAST										
LAJI										
No.	Name		Label				Survey per	iod		Survey frequency
							, , pc1			
3.81)	ovtimper		overtime in %				West since			annual survey, October annual survey, October
Mording	of augstion							,		"
10/1991 to 1  Overtime		wertime was	worked in our co	ompany						Further information  Overtime in % (for main construction trades)
10/1991 to 1  Overtime In the month If yes: approx	0/2001 under report o			ompany						Overtime in %
10/1991 to 1  Overtime In the month If yes: approx	0/2001 under report of simulately vorking hours w		%	ompany						Overtime in %
10/1991 to 1  Overtime In the month If yes: appro of the total v  since 10/200  Overtime In Septembe	o/2001 under report of comments working hours w	rere worked c		ompany						Overtime in %
10/1991 to 1  Overtime In the month If yes: appro of the total v  since 10/200  Overtime In Septembe If yes: appro	o/2001 under report of civimately vorking hours w	vere worked o	overtime  r company	ompany						Overtime in %
10/1991 to 1 Overtime In the month if yes: appro of the total v since 10/200 Overtime In Septembe If yes: appro of the total v	0/2001  under report of control o	vere worked o	overtime  r company	ompany						Overtime in %
10/1991 to 1  Overtime In the month If yes: appro of the total v  since 10/200  Overtime In Septembe If yes: appro of the total v	o/2001 under report of kimately vorking hours w  2 r overtime was kimately vorking hours w	worked in ou	% overtime or company % overtime							Overtime in %
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembe If yes: appro. of the total v Time spar	0/2001  under report of control o	vere worked o	overtime  r company	ompany 1995	1996	1997	1998	1999	2000	Overtime in %
10/1991 to 1  Overtime In the month If yes: appro of the total v  since 10/200  Overtime In Septembe If yes: appro of the total v	o/2001 under report of kimately vorking hours w  2 r overtime was kimately vorking hours w	worked in ou	% overtime or company % overtime		1996	1997	1998	1999	2000	Overtime in %
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembe If yes: appro. of the total v Time spar	o/2001 under report of kimately vorking hours w  2 r overtime was kimately vorking hours w	worked in ou	% overtime or company % overtime		1996	1997	1998	1999	2000	Overtime in %
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembe If yes: appro. of the total v Time spar 1991 WEST WEST	o/2001  under report of aximately	worked in ou	% overtime // which is a company // which is	1995						Overtime in %
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembel If yes: appro of the total v  Time spar  1991 WEST 2001 WEST EAST	o/2001  under report of ximately	worked in our rere worked or 1993	overtime  r company % overtime	1995	2006	2007	2008	2009	2010	Overtime in %
10/1991 to 1 Overtime In the month If yes: appro of the total v since 10/200 Overtime In Septembe If yes: appro of the total v Time spar  1991 WEST 2001 WEST EAST	o/2001  under report of aximately	worked in ou	% overtime // which is a company // which is	1995						Overtime in %
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembel If yes: appro of the total v  Time spar  1991 WEST 2001 WEST EAST	o/2001  under report of ximately	worked in our rere worked or 1993	overtime  r company % overtime	1995	2006	2007	2008	2009	2010	Overtime in %
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembel If yes: appro of the total v  Time spar  1991 WEST  2001 WEST EAST 2011	o/2001  under report of ximately	worked in our rere worked or 1993	overtime  r company % overtime	1995	2006	2007	2008	2009	2010	Overtime in %
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembel If yes: appro of the total v  Time spar  1991 WEST  2001 WEST EAST 2011	o/2001  under report of ximately	worked in our rere worked or 1993	overtime  r company % overtime	1995	2006	2007	2008	2009	2010	Overtime in %
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembe If yes: appro. of the total v  Time spar  1991 WEST 2001 WEST EAST 2011 WEST EAST	o/2001  under report of ximately	worked in our rere worked or 1993	% overtime 1994 2004 Label	1995 2005	2006	2007	2008 2018 Survey per	2009 2019	2010	Overtime in % (for main construction trades)
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembel If yes: appro of the total v  Time spar  1991 WEST 2001 WEST EAST 2011 WEST EAST No. 3.82)	o/2001  under report of ximately	worked in our rere worked of 1993 2003	% overtime    1994   2004	1995 2005	2006	2007	2008	2009 2019 iod	2010	Overtime in % (for main construction trades)
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembel If yes: appro of the total v  Time spar  1991 WEST 2001 WEST EAST 2011 WEST EAST No. 3.82)	o/2001  under report of ximately	worked in our rere worked of 1993 2003	% overtime 1994 2004 Label	1995 2005	2006	2007	2008  2018  Survey per  West since	2009 2019 iod	2010	Survey frequency  annual survey, October annual survey, October
10/1991 to 1 Overtime In the month If yes: appro. of the total v since 10/200 Overtime In Septembel If yes: appro of the total v  Time spar  1991 WEST 2001 WEST EAST 2011 WEST EAST No. 3.82)	o/2001  under report of kimately	worked in our rere worked of 1993 2003	% overtime 1994 2004 Label	1995 2005	2006	2007	2008  2018  Survey per  West since	2009 2019 iod	2010	Survey frequency  annual survey, October annual survey, October
10/1991 to 1 Overtime In the month If yes: appro of the total v since 10/200 Overtime In September If yes: appro of the total v  Time spar  1991 WEST 2001 WEST EAST 2011 WEST EAST No. 3.82) Wording of	o/2001  under report of kimately	worked in our rere worked of 1993 2003 2013	2004 Label construction is	1995 2005 2015	2006 2016 ntries	2007	2008  2018  Survey per  West since	2009 2019 iod	2010	Survey frequency  annual survey, October annual survey, October
10/1991 to 1 Overtime In the month If yes: appro of the total v since 10/200 Overtime In September If yes: appro of the total v  Time spar  1991 WEST 2001 WEST EAST 2011 WEST EAST No. 3.82) Wording of	o/2001  under report of chimal control	worked in our rere worked of 1993 2003 2013	% overtime 1994 2004 Label	1995 2005 2015	2006 2016 ntries	2007	2008  2018  Survey per  West since	2009 2019 iod	2010	Survey frequency  annual survey, October annual survey, October  Eurther information  Construction in foreign countries



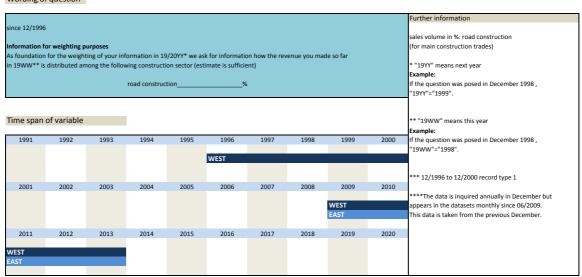
No.	No. Name Label							riod		Survey frequency
3.83)	cfcgh		construction i	in foreign coun quarter	tries:		West since East since			annual survey, October annual survey, October
Wording	of question									
										Further information
since 10/19	991									Construction in foreign countries by german headqu
	on in foreign cou									(for main construction trades)
	duct constructio			s or are you inv	volved in such	?				
ir yes: is it o	conducted by the	e german nead	quarter							
				yes [1]						
Time spa	ın of variable									
Time spa	n of variable	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991			1994	1995	1996	1997	1998	1999	2000	
1991 WEST	1992	1993								
1991			1994	1995	1996	1997	1998	1999	2000	
1991 WEST 2001 WEST	1992	1993								
1991 WEST	1992	1993								
1991 WEST 2001 WEST	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	

No.	Name		Label				Survey per	iod		Survey frequency
3.84) Wording o	4) cfcac construction in foreign countries: associated company ording of question							10/1991 10/2001		annual survey, October annual survey, October
Do you condu	in foreign cour ict construction nducted by ass	projects in fo	nies (e.g. subsi			,				Further information  Construction in foreign countries by associate companies (for main construction trades)
1991	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
2001  WEST  AST	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	2020	

No.	Name	Label	Survey period	Survey frequency
3.85)	cfcsh	construction in foreign countries: shareholding	West since 10/1991 East since 10/2001	annual survey, October annual survey, October
Wording	g of question			Further information
since 10/1	991			Construction in foreign countries by shareholding of



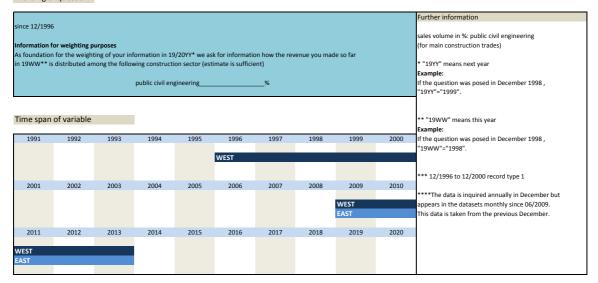
3.86) salvol1 sales volume in %: road construction West 12/1996 to 12/2000 West and Fast since 06/2009	annual survey, December



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

As foundation	or weighting p	ting of your inf nong the follov		on sector (est	k for information		venue you mad	le so far		Further information sales volume in %: other civil engineering (for main construction trades)  * "19YY" means next year Example: If the question was posed in December 1998 , "19YY"="1999".
Time span	of variable	1993	1994	1995	1996 WEST	1997	1998	1999	2000	** "19WW" means this year  Example:  If the question was posed in December 1998 ,  "19WW"="1998".
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	*** 12/1996 to 12/2000 record type 1
2001	2002	2003	2004	2303	2300	2307	2308	WEST EAST	2310	***The data is inquired annually in December but appears in the datasets monthly since 06/2009. This data is taken from the previous December.
2011 WEST EAST	2012	2013	2014	2015	2016	2017	2018	2019	2020	

	No	Nama	Labol	Curron pariod	Curvey frequency	
_	No.	Name	Labei	Survey period	Survey frequency	

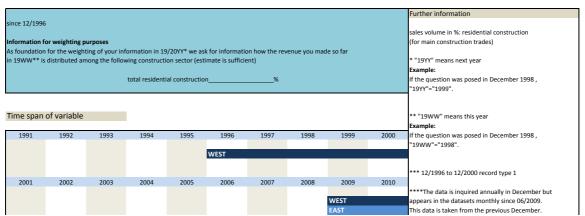


No.	Name	Label	Survey period	Survey frequency
3.89)	salvol4	sales volume in %: industrial civil engineering	West 12/1996 to 12/2000	annual survey, December
			West and East since 06/2009	annual survey, December****

#### Wording of question

As foundation	or weighting p for the weight distributed am	ing of your info ong the follow		on sector (est			renue you mad	le so far		Further information  sales volume in %: industrial civil engineering (for main construction trades)  * "19YY" means next year  Example: If the question was posed in December 1998 , "19YY"="1999".
Time span	of variable	1993	1994	1995	1996 WEST	1997	1998	1999	2000	** "19WW" means this year  Example:  If the question was posed in December 1998 ,  "19WW"="1998".
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
2011	2012	2013	2014	2015	2016	2017	2018	WEST EAST	2020	appears in the datasets monthly since 06/2009. This data is taken from the previous December.
WEST EAST										

No.	Name	Label	Survey period	Survey frequency
3.90)	salvol5	sales volume in %: domestic construction	West 12/1996 to 12/2000	annual survey, December
			West and East since 06/2009	annual survey, December****



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
W	EST									
EA	ST									

No.	Name	Label	Survey period	Survey frequency
3.91)	salvol6	sales volume in %: buildings with 3 or more flats	West 12/1996 to 12/1999	annual survey, December

No. Name Label

1996 to 12	2/1999									Further information
	or weighting p	urposes	sales volume in %: buildings with 3 or more flats							
	for the weight distributed am		* "19YY" means next year							
		Example:								
		residential cor								If the question was posed in December 1998,
		thereof bulluli	ngs with 3 or m	ore nats	%					"19YY"="1999".
										** "19WW" means this year
ne span	of variable									Example:
										If the question was posed in December 1998,
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	"19WW"="1998".
					WEST					
					WEST					*** 12/1996 to 12/2000 record type 1
2001	2002	2003	2004	2005	<b>WEST</b> 2006	2007	2008	2009	2010	*** 12/1996 to 12/2000 record type 1
2001	2002	2003	2004	2005		2007	2008	2009	2010	*** 12/1996 to 12/2000 record type 1
					2006					*** 12/1996 to 12/2000 record type 1
2001	2002	2003	2004	2005		2007	2008	2009	2010	*** 12/1996 to 12/2000 record type 1
					2006					*** 12/1996 to 12/2000 record type 1
					2006					*** 12/1996 to 12/2000 record type 1

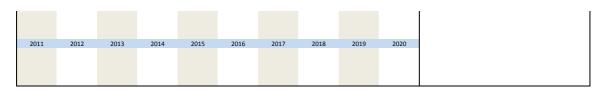
3.92)	salvol7	number of workers	West 12/1996 to 12/2000	annual survey, December
Wording	of question			
12/1996 to 1	12/2000			Further information  number of workers
Employees In year 19/2	0WW* the number of	our workers was on average	* "19WW" means this year	
				Example:

Survey period Survey frequency

	of variable	er of our work	COS Was on all							* "19WW" means this year  Example:  If the question was posed in December 1998 ,  "19WW"="1998".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
					WEST					
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

N	0.	Name	Label	S	Survey peri	od		Survey frequency	
3.	93)	salvol8	employees all together	V	West 12/19	96 to 12/2	2000	annual survey, December	
W	Vording of	fquestion							
4.2	2/1996 to 12	/2000						Further information	

1996 to 12	2/2000									Further information
loyees										Employees all togehter
ar 19/20\	WW* the avera	ge number of	our employees	all together	was					* "19WW" means this year
										Example:
										If the question was posed in December 1998,
ne span	of variable									If the question was posed in December 1998, "19WW"="1998".
me span	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
		1993	1994	1995	1996 WEST	1997	1998	1999		
		1993	1994	1995		1997	1998	1999		



No.	Name	Label	Survey period	Survey frequency	
3.94)	emp	employees	East 12/1995 to 04/2001	monthly	

1995 to 04/	2001									Further information
1993 (0 04)	2001									Employees in total
ployees	NA/# the aver	age number of		s all tagathar						
year 19/20W	rw the avera	ige number of	our employee	s all together v	was					* "19WW" means this year
										Example:
	ملطم نسم ک									If the question was posed in December 1998,
ime span o	i variable									"19WW"="1998".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
				EAST						
				LAST						
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
ACT										
AST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

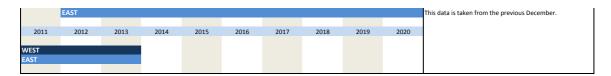
No.	Name	Label	Survey period	Survey frequency
3.95)	inwo	indsutrial worker	East 01/2000 to 01/2001	annual survey, January

### Wording of question

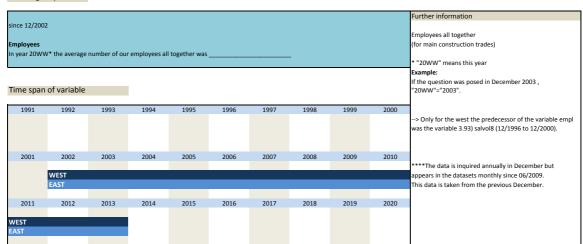
01/2000 to 01 Employees n year 20WW		of our industri	al workers wa:	s on average						Further information industrial workers  * "20WW" means this year
Time span (	of variable									Example:  If the question was posed in December 2000 ,  "20WW"="2000".
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
									EAST	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
EAST										
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

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

,	W* the average of of variable	number of our	workers was_							Further information  number of workers (for main construction trades)  * "20WW" means this year 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 numwor was the variable 3.92) salvol7 (12/1996 to 12/2000).
2001	2002 WEST	2003	2004	2005	2006	2007	2008	2009	2010	****The data is inquired annually in December but appears in the datasets monthly since 06/2009.

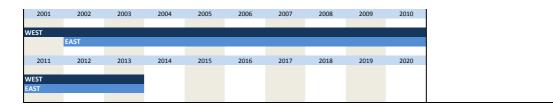


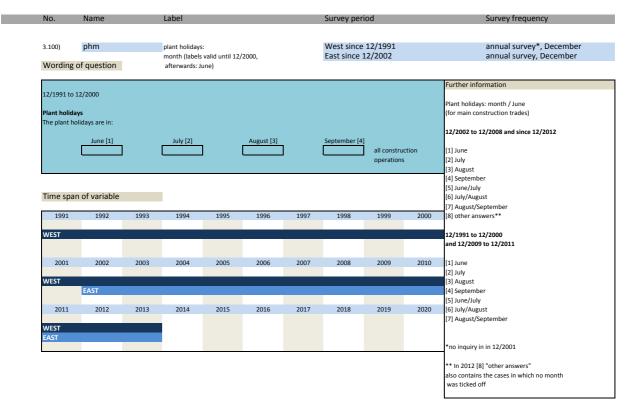
No.	Name	Label	Survey period	Survey frequency
3.97)	empl		West since 12/2002	annual survey, December**
3.97)	empi	employees all together	Fast since 12/2002	annual survey, December**



	Name		Label				Survey per	riod		Survey frequency
3.98)	phcaw		plant holiday:	s: cessation of al	l work		West since			annual survey*, December
	•						East since	12/2002		annual survey, December
Wording	of question									
										Further information
since 12/19	91									
Plant holida	avs									plant holidays: cessation of all work (for main construction trades)
	summer months	we have plant	holidays with	cessation of all	work					
								1		*No inquiry in 12/2001
			yes [1]			no [2]				
Time spa	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
1991 WEST			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
			1994	1995	1996	1997	1998	1999	2000	
WEST 2001	1992	1993								
WEST	1992	1993								
WEST 2001	1992	1993								
WEST 2001	1992	1993								
2001 WEST	1992 2002	1993	2004	2005	2006	2007	2008	2009	2010	
2001 WEST 2011	1992 2002	1993	2004	2005	2006	2007	2008	2009	2010	

No.	Name	La	abel		Survey perio	od		Survey frequency
3.99) Wording	phcwbr of question		lant holidays: essation of work of singula	ır branches	West since 1			annual survey*, December annual survey, December
since 12/199	91							Plant holidays: cessation of work of singular bran
Plant holida During the s			olidays with cessation of co	onstruction operations of s	ingular branches			(for main construction trades)  *no inquiry in 12/2001
During the s	n of variable	ує	es [1]	no [2]		1999		,
Time span	summer months v			-	ingular branches	1999	2000	ĺ ,
During the s	n of variable	ує	es [1]	no [2]		1999		ĺ '



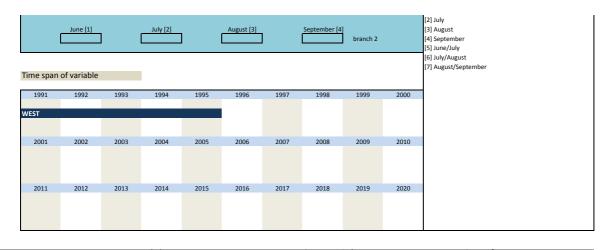


lo.	Name		Label				Survey peri	iod		Survey frequency
.101)	phbr1		plant holidays	branches 1			West 12/19	991 to 12/1	995	annual survey, December
.101,	pilori		piant nondays	brunenes 1				)	333	annual survey, December
Vording o	f question									
										Further information
2/1991 to 1	2/1995									
lant holiday	'S									Plant holidays: branches 1
	idays are in:									[1] June
										[2] July
	June [1]		July [2]		August [3]		September [4]	branch 1		[3] August [4] September
		l l						branch 1		[5] June/July
										[6] July/August
	-f									[6] July/August [7] August/September
ïme span	of variable									
ime 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 VEST	1992									
1991 VEST	1992									
1991 VEST	1992									
1991 VEST	1992									
1991 VEST 2001	1992	2003	2004	2005	2006	2007	2008	2009	2010	
1991 VEST 2001	1992	2003	2004	2005	2006	2007	2008	2009	2010	

3.102) Wording	phbr2 g of question	plant holidays: branches 2	West 12/1991 to 12/1995	annual survey, December
12/1991 to	o 12/1995			Further information
Plant holice The plant h	days holidays are in:			1] June

Survey period Survey frequency

No. Name Label



Wording of question  12/1991 to 12/1995  Plant holidays The plant holidays are in:  [1] June [2] July [3] August [4] September [4] [3] August [4] September [5] June/July [6] July/August [7] August/September  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	No.	Name		Label				Survey period			Survey frequency
Further information   Plant holidays											
Further information   Plant holidays   Plant holidays are in:   [1] June   [2] July   [2]   August [3]   September [4]   [3] August   [4] September   [5] June/July   [6] July/August   [7] August/September   [8] June/July    3.103)	phbr3		plant holidays	: branches 3			West 12/19	991 to 12/1	.995	annual survey, December	
	Wording o	of question									
											Further information
	12/1991 to 12/1995										
1] June   1	Plant holida	vs									Plant holidays branch 3
June [1] July [2] August [3] September [4] [3] August [4] September [5] June/July [6] July/August [7] August/September [6] July/August [7] August/September											
		June [1]		July [2]		August [3]		September [4]	ı		
[6] July/August [7] August/September  1991 1992 1993 1994 1995 1996 1997 1998 1999 2000  WEST  2001 2002 2003 2004 2005 2006 2007 2008 2009 2010			]			geet[e]					[4] September
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											
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 2005 2006 2007 2008 2009 2010	Time spar	of variable									
2001 2002 2003 2004 2005 2006 2007 2008 2009 2010	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
	WEST										
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											
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	

No. Name Label

3.104) Wording of	phbr4 f question	plant holidays: branches 4 West		West 12/199	West 12/1991 to 12/1995		annual survey, December			
12/1991 to 12  Plant holidays  The plant holid	i		July [2]		August [3]		September [4]	branch 4		Further information  Plant holidays branch 4  [1] June [2] July [3] August [4] September [5] June/July
Time span  1991  WEST	of variable	1993	1994	1995	1996	1997	1998	1999	2000	[6] July/August [7] August/September
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

Survey period Survey frequency

No.	Name	Label	Survey period	Survey frequency
3.105)	phdur	plant holidays: duration in weeks	West since 12/1991	annual survey*, December
			East since 12/2002	annual survey, December

since 12/199  Plant holiday  The duration		lidays 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
1991	of variable	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST	EAST	2003	2004	2003	2000	2007	2000	2005	2010	
2011 WEST	2012	2013	2014	2015	2016	2017	2018	2019	2020	
EAST										

No.	Name		Label Survey period				Survey frequency			
3.106) Wording o	phintr year of introduction of plant holidays rding of question					West 12/2002 to 12/2008 East 12/2002 to 12/2008		008 008	annual survey, December annual survey, December	
since 12/2002  Plant holiday  The plant holi		duced in year								Further information year of introduction of plant holidays (for main construction trades) year, 4 digits
	of variable	4000	4004	1005	1005	1007	4000	1000		*no inquiry in 12/2001
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002 WEST EAST	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	

No.	Name		Label				Survey per	lou		Survey frequency
3.107)	deccon		decline of con	struction activ	ity		West since	12/1991		annual survey*, December
							East since :	12/2002		annual survey, December
Wording	of question									
										Further information
since 12/19	91									
										decline of construction activity due to plant holidays
Plant holida	a <b>ys</b> a decline of the c	onstruction act	ivity in the res	nactiva holida	month in the	ifo economic	cycle test (gue	stion I 1)**		
	ely due to plant l		ivity in the res	pective nonda	,		cycle test (que.			*no inquiry in 12/2001
					1					
		yes [1]			no [2]					** see 2.1) conactex
Time spa	n of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
1551	1332	1993	1554	1555	1990	1337	1336	1555	2000	
NEST										
2001										
	2002	2003	2004	2005	2006	2007	2008	2009	2010	
	2002	2003	2004	2005	2006	2007	2008	2009	2010	
WEST		2003	2004	2005	2006	2007	2008	2009	2010	
WEST	2002 EAST	2003	2004	2005	2006	2007	2008	2009	2010	
WEST 2011		2003	2004	2005	2006	2007	2008	2009	2010	
2011	EAST									
2011 WEST	EAST									
2011	EAST									

1999

1997

commercial professions [1]

1993

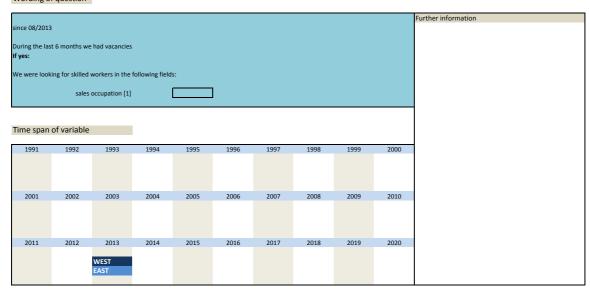
1995

Time span of variable

1991

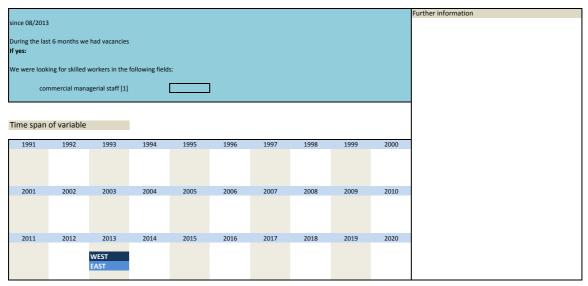
2	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
			WEST							
			EAST							

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



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

#### Wording of question



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

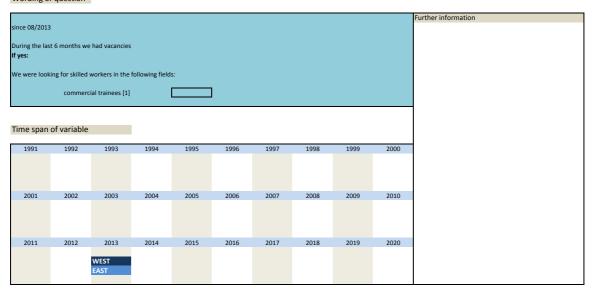
# Wording of question

Since 08/2013

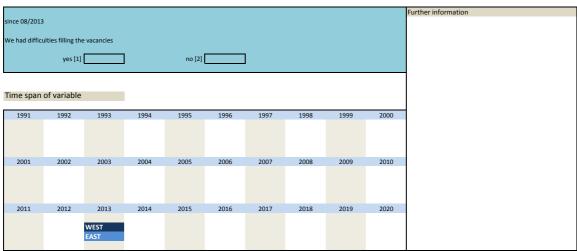
During the last 6 months we had vacancies If yes:

Ve were look		workers in the i		5:					
Time span	of variable								
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
		WEST EAST							

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

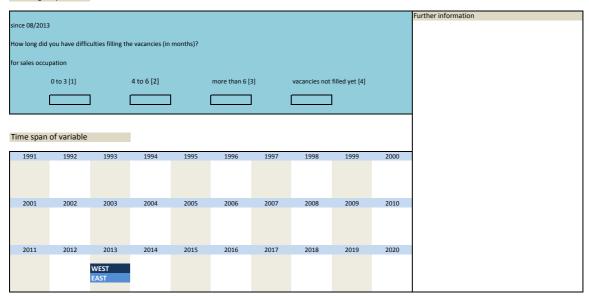


No.	Name	Label	Survey period	Survey frequency
3.116	difil_cp	difficulties filling vacancies: commercial professions	East und West since 08/2013	annual survey, August

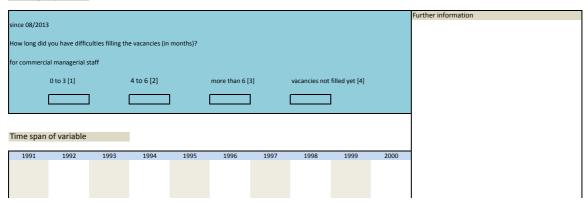
since 08/201	3 I you have diffic	ulting filling th		Further information						
for commerci	ial professions									
	0 to 3 [1]		4 to 6 [2]		more than 6 [	3]	vacancies not f	filled yet [4]		
Time snan	of variable									
1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								

IN	υ.	Name	Labei	Survey period	Survey frequency
3.1	L17)	difil so	difficulties filling vacancies: sales occupation	East und West since 08/2013	annual survey, August
		_		•	,, 0

### Wording of question



No.	Name	Label	Survey period	Survey frequency
3.118)	difil_mc	difficulties filling vacancies: managerial staff (commerc	ee) East und West since 08/2013	annual survey, August



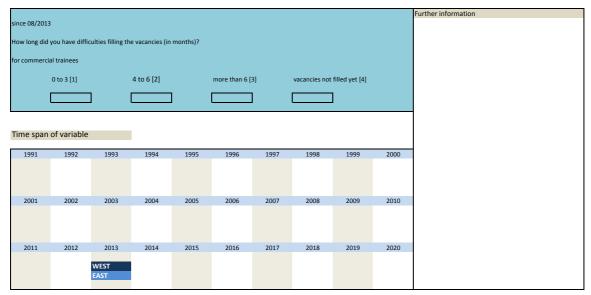
2	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
2	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
			WEST							
			EAST							

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

since 08	/2013										
Sirice oo											
low long did you have difficulties filling the vacancies (in months)?											
for cons	or construction engineers										
	0 to 3 [1]		4 to 6 [2]		more than 6 [	3]	vacancies not f	illed yet [4]			
		1									
	<u> </u>	_									
Time s	pan of variable	!									
400	4000	4000	1001	4005	4000	4007	4000	4000	2000		
199	1 1992	1993	1994	1995	1996	1997	1998	1999	2000		
200	1 2002	2003	2004	2005	2006	2007	2008	2009	2010		
201	1 2012	2013	2014	2015	2016	2017	2018	2019	2020		
		WEST									
		EAST									

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

# Wording of question



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

		Further information
since 08/2013		
About	% of these vacancies were reported to the federal employment agency	

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

No.	Name		Label				Survey per	iod		Survey frequency
3.122)	seskivly		search for skilled workers vs. last year				East und West since 08/2013			annual survey, August
Wording	of question	ı								
since 08/20	013									Further information
Compared t	to last year the se	earch for skille	d workers was							
	more easy [1]	l								
	unchanged [2	1								
	more difficult	[3]								
Time spa	in 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	2004	2005	2000	2007	2006	2009	2010	
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
		WEST								
		EAST								