## LMU-ifo

## Economics \& Business <br> Data <br> Center

## List of variables

# Ifo Business Survey Construction 

## Data: 1/1991-12/2015

## As of August 2016

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LMU-ifo Economics \& Business Data Center (EBDC)

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## List of variables - Ifo Business Survey Construction

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| :---: | :---: | :---: |
|  | I. Construction activity <br> II. Construction orders <br> III. Prices of construction <br> IV. State of business <br> V. Utilization of capacity* <br> VI. Employees | VII. Special questions**/remarks*** <br> Outining of questionnaire <br> *until 11/2001 "utilization of equipment" <br> ** main construction trades <br> *** prefabricated building construction |


| The special questi | only inquired for the main cycle surveys | onstruction trades. For the prefabricated building construct the EU the questionnaires were dispatched circa 1 week lat | marks are intended for this field in the questionnaire. 2002. That is why there is no inquiry in 12/2001. |
| :---: | :---: | :---: | :---: |
|  | 1. Variables of ide | tification |  |
| No. | Name | Label | German description |
| 1.1) | survey | survey | Umfrage |
| 1.2) | year | year | Erhebungsjahr |
| 1.3) | month | month | Monat |
| 1.4) | idnum | firm X adress file id | Firmenidentifikationsnummer |
| 1.5) | runnum | running number of plant | Laufende Firmennummer |
| 1.6) | bau_plantnum | KT information id | 12-stellige KT Identifikationsnummer |
| 1.7) | bau_westeast | western eastern | Unterscheidung zwischen West- und Ost-Erhebung |
| 1.8) | fedstaifo | federal state (ifo-code) | Bundesland entsprechend ifo Codierung |
| 1.9) | bau_latecomer | latecomer | Nachzügler |
| 1.10) | weight1 | weight | Gewichtung |
| 1.11) | sr | size range | Größenklasse |
| 1.12) | sector_id | sector id | Sektor ID |
| 1.13) | bau_sec2 | classification according to federal statistical office (type of construction) | Bausektor, Einteilung nach amtlicher Statistik |
| 1.14) | sector_bau | classification according to federal statistical office (type of construction) | Bausektor, Einteilung nach amtlicher Statistik |
| 1.15) | online | online | Fragebogen online beantwortet |
| 1.16) | survey_start | survey start | Umfragebeginn |
| 1.17) | survey_end | survey end | Umfrageende |
| 1.18) | participation_date | participation date | Teilnahmedatum |
| 1.19) | participation_hour | participation hour | Teilnahmestunde |
| 1.20) | participation_status | participation status | Teilnahmestatus |

## 2. Standard questions

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


| II. Construction orders |  |  |  |
| :---: | :---: | :---: | :---: |
| No. | Name | Label | German description |
| 2.11) | bau_ordvpm | orders versus previous month | Bestand an Bauaufträgen |
| 2.12) | bau_orders | orders (appraisal) | Auftragsbestand |
| 2.13) | bau_ranord | range of orders in months | Auftragsbestände in Monaten |
| III. Prices of construction |  |  |  |
| No. | Name | Label | German description |
| 2.14) | bau_prvpm | prices versus previous month | Baupreise im Verlgeich zum Vormonat |


| 2.15) | bau_prcoco | prime costs covering | Erzielbare Baupreise |
| :--- | :--- | :--- | :--- |
| $2.16)$ | bau_exppr | expected prices | Erwartete Baupreis |

## IV. State of business

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

## V. Utilization of capacity*


VII. Special questions**/remarks***

| No. | Name | Label | German description |
| :---: | :---: | :---: | :---: |
| 3.1) | bau_backconst | backlog of constructions | Überhang an Bauten |
| 3.2) | bau_subannsal | subcontractor:\% of annual sales | Umsatz Subunternehmer in Prozent zum eigenen Jahresumsatz |
| 3.3) | bau_submain | subcontractor: \% for main contract work | Subunternehmerleistungen des Bauhauptgewerbes |
| 3.4) | bau_subupgr | subcontractor: \% for upgrading work | Subunternehmerleistungen des Ausbaugewerbes |
| 3.5) | bau_subtrans | subcontractor: \% for transport company | Subunternehmerleistungen von Transportunternehmen |
| 3.6) | bau_subreba | subcontractor: \% for reinforcing bars | Subunternehmerleistungen von Biegen und Verlegen von Betonstahl |
| 3.7) | bau_subfowo | subcontractor: \% for formwork | Subunternehmerleistungen von Schalungsarbeiten / Gerüstbau |
| 3.8) | bau_subdiv | subcontractor:\% for other companies | Subunternehmerleistungen von sonstigen Unternehmen |
| 3.9) | bau_subfor | \% for foreign subcontractors | Leistungen ausländischer Subunternehmer |
| 3.10) | bau_undcons | $\%$ of undocumented constructions | Statistisch noch nicht erfasste Bauten |
| 3.11) | bau_sphadis | sphere of action: \% in same district | Umsatz im eigenen Landkreis |
| 3.12) | bau_sphasfs | sphere of action: \% in same federal state | Umsatz im eigenen Bundesland |
| 3.13) | bau_sphaofs | sphere of action: \% in other federal state | Umsatz in anderem Bundesland |
| 3.14) | bau_sphafc | sphere of action: \% in foreign country | Umsatz im Ausland |
| 3.15) | bau_witiwoth | wintertime: work through | Winterbau |
| 3.16) | bau_witilo | wintertime: lack of orders | Winterbau: Mangel an Aufträgen |
| 3.17) | bau_witirc | wintertime: reasons of construction | Winterbau: baubetriebliche Gründe |
| 3.18) | bau_witipw | wintertime: preference of workers | Winterbau: Präferenzen der Arbeiter |
| 3.19) | bau_flight_ger | importance of flight connections in Germany | Bedeutung von Flugverbindungen zu Zielen in Deutschland |
| 3.20) | bau_flight_eur | importance of flight connections in Europe | Bedeutung von Flugverbindungen zu Zielen in Europa |
| 3.21) | bau_flight_world | importance of flight connections worldwide | Bedeutung von Flugverbindungen zu Ziele weltweit |
| 3.22) | bau_sdco | special difficulties: cancelation of order | Auftragstornierungen |
| 3.23) | bau_sddp | special difficulties: defaulting payment | Säumige Zahlungsweise der Auftraggeber |
| 3.24) | bau_sdlap | special difficulties: labor piracy of manpower | Abwerbung von Arbeitskräften |
| 3.25) | bau_sdbreach | special difficulties: breach of VOB-conditions | Verletzung der VOB-Bestimmungen |
| 3.26) | bau_sdcc | special difficulties: constraints of construction | Baubehinderung |
| 3.27) | bau_sdda | special difficulties: delay of final acceptance | Verzögerte Bauabnahme |
| 3.28) | bau_sdlop | special difficulties: accept the bid by the lowest price | Zuschlagserteilung auf das billigste Angebot |
| 3.29) | bau_sdnopro | special difficulties: no severe problems | Keine größeren Probleme |
| 3.30) | bau_wh1 | working hours: payment of overtime | Bezahlung zusätzlicher Stunden |
| 3.31) | bau_wh2 | working hours: development | Entwicklung zusätzlich bezahlter Stunden |
| 3.32) | bau_wh3 | working hours: number in $\mathrm{t}-1$ | Zusätzlich bezahlte Stunden in t -1 |
| 3.33) | bau_wh4 | working hours: number in t-2 | Zusätzlich bezahlte Stunden in t-2 |
| 3.34) | bau_chord1 | range of orders within next 2 months: complete | Auftragsentwicklung in 2 Monaten |
| 3.35) | bau_chord2 | range of orders within next 2 months: other civil engineering | Auftragsentwicklung in 2 Monaten: sonstiger Tiefbau |
| 3.36) | bau_chord3 | range of orders within next 2 months: public civil engineering | Auftragsentwicklung in 2 Monaten: Öffentlicher Hochbau |
| 3.37) | bau_chord4 | range of orders within next 2 months: industrial civil engineering | Auftragsentwicklung in 2 Monaten: Gewerblicher Bau |
| 3.38) | bau_chord5 | range of o. w. next 2 m .: domestic construction, complete | Auftragsentwicklung in 2 Monaten: Wohnungsbau insgesamt |
| 3.39) | bau_chord6 | range of o. w. next 2 m .: buildings of 3 or more appartments | A. in 2 M .: Gebäude mit 3 oder mehr Wohnungen |
| 3.40) | bau_chord7 | range of orders within next 2 months: road construction | Auftragsentwicklung in 2 Monaten: Straßenbau |
| 3.41) | bau_cvno | changes in construction volume: no changes | Veränderungen im Bauvolumen |
| 3.42) | bau_cvpos | changes in construction volume: positive changes in \% | Veränderungen im Bauvolumen: Steigerung in \% |
| 3.43) | bau_cvneg | changes in construction volume: negative changes in \% | Veränderungen im Bauvolumen: Abnahme in \% |
| 3.44) | bau_cvpr_bdl | \% of construction volume: by drawing lots (in general) | Anteil von Fachlosvergaben an Gesamtleistung des Vorjahres (insgesamt) |
| 3.45) | bau_cvpr_sc | \% of construction volume: as subcontractor (in general) | Anteil von Tätigkeiten als Subunternehmer an Gesamtleistung des Vorjahres (insgesamt) |
| 3.46) | bau_cvpr_pc | \% of construction volume: as prime contractor (in general) | Anteil von Tätigkeiten als Generalunternehmer an Gesamtleistung des Vorjahres (insgesamt) |
| 3.47) | bau_cvpr_gc | \% of construction volume: as general contractor (in general) | Anteil von Tätigkeiten als Generalübernehmer an Gesamtleistung des Vorjahres (insgesamt) |
| 3.48) | bau_cvpr_solec | \% of construction volume: as sole contractor (in general) | Anteil von Tätigkeiten als Totalunternehmer an Gesamtleistung des Vorjahres (insgesamt) |
| 3.49) | bau_cvpr_oth | \% of construction volume: others (in general) | Anteil von sonstigen Tätigkeiten an Gesamtleistung des Vorjahres (insgesamt) |
| 3.50) | bau_cvpu_bdl | \% of construction volume: by drawing lots (public clients) | Anteil von Fachlosvergaben an Gesamtleistung des Vorjahres (öffentl. Auftraggeber) |
| 3.51) | bau_cvpu_sc | \% of construction volume: as subcontractor (public clients) | Anteil von Tätigkeiten als Subunternehmer an Gesamtleistung des Vorjahres (öffentl. Auftraggeber) |
| 3.52) | bau_cvpu_pc | \% of construction volume: as prime contractor (public clients) | Anteil von Tätigkeiten als Generalunternehmer an Gesamtleistung des Vorjahres (öffentl. Auftraggeber) |
| 3.53) | bau_cvpu_gc | \% of construction volume: as general contractor (public clients) | Anteil von Tätigkeiten als Generalübernehmer an Gesamtleistung des Vorjahres (öffentl. Auftraggeber) |
| 3.54) | bau_cvpu_solec | \% of construction volume: as sole contractor (public clients) | Anteil von Tätigkeiten als Totalunternehmer an Gesamtleistung des Vorjahres (öffentl. Auftraggeber) |
| 3.55) | bau_cvpu_oth | \% of construction volume: others (public clients) | Anteil von sonstigen Tätigkeiten an Gesamtleistung des Vorjahres (öffentl. Auftraggeber) |
| 3.56) | bau_pcgc_gen | We regularly act as prime/ general contractor (in general) | Regelmäßige Arbeit als Generalunter bzw. -übernehmer (allgemein) |
| 3.57) | bau_pcgc_pub | We regularly act as prime/ general contractor (public clients) | Regelmäßige Arbeit als Generalunter bzw. -übernehmer (öffentl. Auftraggeber) |
| 3.58) | bau_prop_gen | Propensity for placing orders with prime/ general contractors (in general) | Vergabe von Aufträgen als Generalunter-/übernehmer-Leistung (allgemein) |
| 3.59) | bau_prop_pub | Propensity for placing orders with prime/ general contractors (public clients) | Vergabe von Aufträgen als Generalunter-/übernehmer-Leistung (öffentl. Auftraggeber) |
| 3.60) | bau_probl_pub | Are there problems regarding public procurement law (public clients) | Vergaberechtliche Probleme bei öffentlichen Auftraggebern |


| 3.61) | bau_bes | borrowed equipment / subcontractors | Leihgeräte |
| :---: | :---: | :---: | :---: |
| 3.62) | bau_beslc | borrowed equipment / subcontractors: for lack of capacities | Leihgeräte wegen Kapazitätsengpässen |
| 3.63) | bau_bessw | borrowed equipment / subcontractors: special work | Leihgeräte wegen Spezialarbeiten |
| 3.64) | bau_beper | borrowed equipment: number in \% | Leihgeräte in Prozent |
| 3.65) | bau_belope | borrowed equipment: number in \% for longer periods | Leihgeräte in Prozent, längerfristig |
| 3.66) | bau_bewill | borrowed equipment: willingness | Neigung Leihgeräte anzumieten |
| 3.67) | bau_bewilp | borrowed equipment: willingness for longer periods | Neigung Leihgeräte längerfristig anzumieten |
| 3.68) | bau_sper | subcontractors: \% of sales volume | Umsatzanteil Subunternehmer |
| 3.69) | bau_swill1 | subcontractors: willingness | Vergabe von Spezialarbeiten an Subunternehmer |
| 3.70) | bau_swill | subcontractors: willingness | Vergabe von Spezialarbeiten an Subunternehmer |
| 3.71) | bau_co1 | medium-term expected commercial operations: 3. quarter | Geschäftlage dieses Jahr im 3. Quartal |
| 3.72) | bau_co2 | medium-term expected commercial operations: 4. quarter | Geschäftlage dieses Jahr im 4. Quartal |
| 3.73) | bau_co3 | medium-term expected commercial operations: 1 . quarter | Geschäftlage nächstes Jahr im 1. Quartal |
| 3.74) | bau_co4 | medium-term expected commercial operations: 2. quarter | Geschäftlage nächstes Jahr im 2. Quartal |
| 3.75) | bau_lackwoper | number lack of work in \% | Arbeitsausfall durch Sommerurlaub |
| 3.76) | bau_lackwo2 | lack of work (comparison) | Arbeitsausfall druch Sommerurlaub im Vgl. zum letzen Jahr |
| 3.77) | bau_prpa1 | precast parts: utitization | Verwendung von Fertigteilen |
| 3.78) | bau_prpacvm | precast parts: \% of construction volumen at the moment | Fertigteile in \% vom Bauwert |
| 3.79) | bau_prpacvy | precast parts: \% of construction volumen whole year | Fertigteile in \% vom Bauwert im letzen Jahr |
| 3.80) | bau_ovtim | overtime | Überstunden |
| 3.81) | bau_ovtimper | overtime in \% | Überstunden in Prozent |
| 3.82) | bau_cfc1 | construction in foreign countries | Auslandsbau |
| 3.83) | bau_cfcgh | construction in foreign countries: german headquarter | Auslandsbau durch deutsche Stammfirma |
| 3.84) | bau_cfcac | construction in foreign countries: associated company | Auslandsbau durch rechtlich selbständige Gesellschaften |
| 3.85) | bau_cfcsh | construction in foreign countries: shareholding | Auslandsbau durch Beteiligung an ortsansässigen Gesellschaften |
| 3.86) | bau_salvol1 | sales volume in \%: road construction | Umsatzanteil im Straßenbau |
| 3.87) | bau_salvol2 | sales volume in \%: other civil engineering | Umsatzanteil im sonstigen Tiefbau |
| 3.88) | bau_salvol3 | sales volume in \%: public civil engineering | Umsatzanteil im öfentlichen Hochbau |
| 3.89) | bau_salvol4 | sales volume in \%: industrial civil engineering | Umsatzanteil im gewerblichen Bau |
| 3.90) | bau_salvol5 | sales volume in \%: domestic construction | Umsatzanteil im Wohnungsbau insgesamt |
| 3.91) | bau_salvol6 | sales volume in \%: buildings with 3 or more flats | Umsatzanteil im Häuserbau mit 3 oder mehr Wohnungen |
| 3.92) | bau_salvol7 | number of workers | Arbeiter |
| 3.93) | bau_salvol8 | employees all together | Angestellte insgesamt |
| 3.94) | bau_emp | employees | Angestellte insgesamt |
| 3.95) | bau_inwo | indsutrial worker | Arbeiter |
| 3.96) | bau_numwor | number of workers | Arbeiter |
| 3.97) | bau_empl | employees all together | Angestellte insgesamt |
| 3.98) | bau_phcaw | plant holidays: cessation of all work | Betriebsurlaub des gesamten Baubetriebs |
| 3.99) | bau_phowbr | plant holidays: cessation of work of singular branches | Betriebsurlaub für einzelne Niederlassungen |
| 3.100) | bau_phm | plant holidays: month (labels valid until 12/2000, afterwards: June) | Betriebsurlaub Monat / Juni |
| 3.101) | bau_phbr1 | plant holidays: branches 1 | Betriebsurlaub Niederlassung 1 |
| 3.102) | bau_phbr2 | plant holidays: branches 2 | Betriebsurlaub Niederlassung 2 |
| 3.103) | bau_phbr3 | plant holidays: branches 3 | Betriebsurlaub Niederlassung 3 |
| 3.104) | bau_phbr4 | plant holidays: branches 4 | Betriebsurlaub Niederlassung 4 |
| 3.105) | bau_phdur | plant holidays: duration in weeks | Betriebsurlaub in Wochen |
| 3.106) | bau_phintr | year of introduction of plant holidays | Einführungsjahr des Betriebsurlaubs |
| 3.107) | bau_deccon | decline of construction activity | Rückgang der Bauaktivitäten wegen Betriebsurlaub |
| 3.108) | bau_credit | credit allocation | Kreditvergabe |
| 3.109) | bau_vaclhy | vacancies during last 6 months | Offene Stellen während der letzten 6 Monate |
| 3.110) | bau_vaclhy_cp | vacancies during last 6 months: commercial professions | Offene Stellen im Bereich: gewerbliche Berufe |
| 3.111) | bau_vaclhy_so | vacancies during last 6 months: sales occupation | Offene Stellen im Bereich: kaufmännische Berufe |
| 3.112) | bau_vaclhy_mc | vacancies during last 6 months: managerial staff (commerce) | Offene Stellen im Bereich: gewerbliches Führungspersonal |
| 3.113) | bau_vaclhy_ce | vacancies during last 6 months: construction engineer | Offene Stellen im Bereich: Bauingenieur |
| 3.114) | bau_vaclhy_tc | vacancies during last 6 months: trainees (commerce) | Offene Stellen im Bereich: gewerbliche Auszubildende |
| 3.115) | bau_difilvac | difficulties filling vacancies | Probleme offene Stellen zu Besetzen |
| 3.116) | bau_difil_cp | difficulties filling vacancies: commercial professions | Dauer bis Besetzung im gewerblichen Bereich |
| 3.117) | bau_difil_so | difficulties filling vacancies: sales occupation | Dauer bis Besetzung im kaufmännischen Bereich |
| 3.118) | bau_difil_mc | difficulties filling vacancies: managerial staff (commerce) | Dauer bis Besetzung bei gewerblichem Führungspersonal |
| 3.119) | bau_difil_ce | difficulties filling vacancies: construction engineer | Dauer bis Besetzung im Bauingenieurbereich |
| 3.120) | bau_difil_tc | difficulties filling vacancies: trainees (commerce) | Dauer bis Besetzung bei gewerblichen Auszubildenden |
| 3.121) | bau_vacrepfea | $\%$ of vacancies reported to federal employment agency | \% offener Stellen, die der Bundesagentur für Arbeit gemeldet wurden |
| 3.122) | bau_seskivly | search for skilled workers vs. last year | Suche nach Fachkräften verglichen mit dem Vorjahr |
| 3.123) | bau_fambus | family business | Familienunternehemen |
| 3.114) | bau_ref1 | refugees question1 | Flüchtlinge Frage 1 |
| 3.115) | bau_ref2 | refugees question2 | Flüchtlinge Frage 2 |
| 3.116) | bau_ref3 | refugees question 3 | Flüchtlinge Frage 3 |
| 3.117) | bau_ref4 | refugees question4 | Flüchtlinge Frage 4 |
| 3.118) | bau_ref5 | refugees question5 | Flüchtlinge Frage 5 |
| 3.119) | bau_ref6 | refugees question6 | Flüchtlinge Frage 6 |
| 3.120) | bau_ref7 | refugees question7 | Flüchtlinge Frage 7 |
| 3.121) | bau_ref8 | refugees question8 | Flüchtlinge Frage 8 |
| 3.122) | bau_ref9 | refugees question9 | Flüchtlinge Frage 9 |




| 1.6) | bau_plantnum | KT informa |  |  |  | West since 01/1991 <br> East since 01/1991 |  |  | monthly monthly |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1991 | 19921993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Further information |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  | formed with sector number |  |
| 2001 | 20022003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | digit 1-5: 1.5) sec digit 6-7: 1.15) fedstaifo | construction sector <br> federal state according to <br> ifo code |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  | digit 8-12: 1.11) runnum | running plant number |
| 2011 | 20122013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |



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| 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 constructi | code 2 |
|  |  |  |  |  |  |  |  |  |  | 2320100: single family house | code 1 |
|  |  |  |  |  |  |  |  |  |  | 2320200: multi-family house | code 1 |
|  |  |  |  |  |  |  |  |  |  | 2320300: non-residential building | code 1 |




| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | Participation date <br> Only refers to participants who answered the questionnaire online |
|  |  |  |  | EST |  |  |  |  |  |  |
| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |






| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | monthly |
| $2.2)$ | bau_constrain | constraints | West since $01 / 1991$ | monthly |
| Wording of question |  |  |  |  |



| No. Name | Label | Survey period | Survey frequency |
| :---: | :---: | :---: | :---: |
| 2.3) bau_mplack | constraints: lack of manpower | West since 01/1991 <br> East since 01/1991 | monthly monthly |
| Wording of question |  |  |  |
| since 01/1991 |  |  | Further information |


| The construction activity/ execution of orders is currently/ was constrained.* If yes, due to: |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| lack of manpower [1] |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |
| WEST |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
| WEST |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |
| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |
| WEST |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |

ack of manpower

For the exact wording of question for the orresponding point of time see 2.2) constraints

| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | monthly |
| 2.4) | bau_matlack | constraints: lack of material | West since $01 / 1991$ | monthly |

Wording of question

|  |  |  |  |  |  |  |  |  |  | Further information <br> Lack of material <br> *For the exact wording of question for the corresponding point of time see 2.2) constraints |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| The constr | activit es, du | tion of <br> of ma | is curr <br> insuffic | as con <br> hnical | ent [1] |  |  |  |  |  |
| Time spa | variab |  |  |  |  |  |  |  |  |  |
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |
| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Survey period | Survey frequency |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | monthly |
| 2.5) | bau_weathcon | constraints: weather conditions | West since $01 / 1991$ | East since $01 / 1991$ |

Wording of question
East since 01/1991 monthly

|  |  |  |  |  |  |  |  |  |  | Further information unfavourable weather conditions <br> *For the exact wording of question for the corresponding point of time see 2.2) constraints |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| The constru | activit es, du | tion of <br> avoura | is curr <br> ther | was con <br> s [1] |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |





| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| 2.9) | bau_othrea | constraints: other reasons | West since $01 / 1991$ <br> East since $01 / 1991$ | monthly <br> monthly |

Wording of question


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | monthly |
| $2.10)$ | bau_conactfut | construction activity in 3 month | West since $01 / 1991$ <br> East since 01/1991 |  |
| Wording of question |  |  |  |  |


|  |  |  |  |  |  |  |  |  |  | Further information <br> Construction activity during the next 3 months |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


|  | II. Construction orders |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| No. | Name | Label | Survey period | Survey frequency |  |
|  |  |  |  | monthly |  |
| 2.11$)$ | bau_ordvpm | orders versus previous month |  | West since 01/1991 |  |

01/1991 to 11/2001
End of this month our construction order backlog is by valu

Time span of variable


Further information
Construction orders

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



| No. | Name | Label | Survey period | Survey frequency |
| :---: | :---: | :---: | :---: | :---: |
| 2.13) | bau_ranord | range of orders in months | West since 01/1991 East since 01/1991 | monthly monthly |
| 01/1991 to $11 / 2001$ <br> At the end of the month under report our range of orders equals, under an usual course of the season, an average production of |  |  |  | Further information <br> Range of orders in months |

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 |  |  |  |  |  |  |  |
| WEST |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |

[10] equals 1 month
[15] equal 1,5 months [100] equal 10 months etc.
III. Prices of construction



* for main construction trades * prefabricated building construction

| No. | Name | Label | Survey period |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | Survey frequency |  |
| 2.16) | bau_exppr | expected prices | West since $01 / 1991$ | monthly |
|  |  | East since $01 / 1991$ | monthly |  |


IV. State of business






industrial workers


| No. | Name | Label | Survey period | Survey frequency |
| :---: | :--- | :--- | :--- | :--- |
|  |  |  |  | monthly |
| $2.24)$ | bau_statill | status of employee's illness in $\%$ | West since $01 / 1991$ | East since $01 / 1991$ |


| since 01/1991 |  |  |  |  |  |  |  |  |  | Further information <br> Illness absence rate <br> Note.: Values in the Stata-files have to be divided by 10 to get the correct percentage format (with decimal place). <br> eg.: for the value of 85 in the dataset applies: 8,5\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |

## 3. Special questions

VII. Special questions**/remarks***


| West since 01/1991 | annual survey, January |
| :--- | :--- |
| East since 01/2002 | annual survey, January |

Further information
Backlog of constructions
(for main construction trades)

* "end of 20XX" "end of previous
year".
Example:
f the question was posed in January 2003,
'20XX"="2002".
* "end of 20YY" "end of year before last"

If the question was posed in January 2003 "20YY"="2001"


Wording of question

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





| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.7) | bau_subfowo | subcontractor:\% for formwork | West since 02/1991 <br> East since 02/2002 | annual survey, February <br> annual survey, February |
| Wording of question |  |  |  |  |


|  |  |  |  |  |  |  |  |  |  | Further information <br> Services of subcontractors of formwork/ scaffolding (for main construction trades) <br> * "20XX" means last year <br> Example: <br> If the question was posed in February 2003, "20XX"="2002". |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Services of subcontractors <br> Of the subcontractors' services in year 19/20XX* $\qquad$ $\%$ are accounted for by formwork/ scaffolding |  |  |  |  |  |  |  |  |  |  |
| 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 period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, February |
| 3.8) | bau_subdiv | subcontractor: \% for other companies | West since 02/1991 | East since $02 / 2002$ |




| No. | Name | Label | Survey period |
| :--- | :--- | :--- | :--- | Survey frequency | annual survey, February |
| :--- |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, February |
| 3.10) | bau_undcons | \% of undocumented constructions | West since $02 / 1991$ | annual survey, February |
| Wording of question |  |  |  |  |


|  |  |  |  |  |  |  |  |  |  | Further information <br> Undocumented constructions (for main construction trades) <br> * "20XX" means last year <br> Example: <br> If the question was posed in February 2003, "20XX"="2002". |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Constructions not yet captured statistically <br> The value of work completed but not yet documented as revenue (for the reporting in the building industry) was 31.12.19/20XX circa $\qquad$ \% <br> of our total annual production. |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |



"20XX" means last year Example:
the question was posed in February 2003, 20XX"="2002".


| No. | Name | Sabel | Survey period |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | annual survey, February frequency |  |
| $3.13)$ | bau_sphaofs | sphere of action: \% in other federal state | West since $02 / 1991$ | annual survey, February |
| Wording of question |  | East since $02 / 2002$ |  |  |

Wording of question

| since 02/1991 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sphere of action of the company <br> (Only to be answered for the main branch) <br> Circa $\qquad$ \% of our revenues in 19/20XX* were accounted for by construction sites in other federal states |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |





"20WW/20VV" = "2003/2004

| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | March, November |
| $3.17)$ | bau_witirc | wintertime: reasons of construction | West since $03 / 1991$ | March, November |
| Wording of question |  |  |  |  |



| No. Name | Label | Survey period | Survey frequency |
| :---: | :---: | :---: | :---: |
| 3.18) bau_witipw <br> Wording of question | wintertime: preference of workers | West 03/1991 to 11/1995 <br> West since 11/1996 <br> East since 11/2001 | March, November annual survey, November annual survey, November |
| 03/1991 to 11/1995 |  |  | $\left\lvert\, \begin{aligned} & \text { Further information } \\ & \text { Winter construction: preference of workers }\end{aligned}\right.$ |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | once |  |
| 3.19) | bau_flight_ger | importance of flight connections in Germany | West 03/2013 | once |
| Wording of question |  |  |  |  |


| $03 / 2013$ | Further information |
| :--- | :--- |
| Special question (once) <br> How important for your company is a flight connection to destinations in | Importance of flight connections to destinations in |
| Germany |  |

Germany $\quad$\begin{tabular}{|c|c|c|c|}

\hline | very |
| :---: |
| important |
| $[1]$ | \& | important |
| :---: |
| $[2]$ | \& | less |
| :---: |
| important |
| $[3]$ | \& | unimportant |
| :---: |
| $[4]$ | <br>

\hline \& \& \& <br>
\hline
\end{tabular}

## Time span of variable

| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2001 | 2002 |  |  |  |  |  |  |  |  |  |


| No. | Name | Label |  |  |  | Survey period | Survey frequency |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3.20) | bau_flight_eur | importance of flight connections in Europe |  |  |  | West 03/2013 East 03/2013 | once once |
| Wording of question |  |  |  |  |  |  |  |
| Further information |  |  |  |  |  |  |  |
| $03 / 2013$ <br> Special question (once) <br> How important for your company is a flight connection to destinations in |  |  |  |  |  |  |  |
|  |  | very important [1] | important <br> [2] | less important [3] | unimportant <br> [4] |  |  |






| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| $3.24)$ | bau_sdlap | special lifficulties: labor piracy of manpower | West 05/1991 to 09/1995 | May, September |
| Wording of question |  | East since 04/1996 | April, September |  |





| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| 3.26) | bau_sdcc | special difficulties: constraints to construction | West since 04/1996 <br> East since 09/2001 | April, September |
| Wording of question |  |  | April, September |  |



| No. | Name | Label | Survey period |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
|  |  |  |  | Survey frequency |
| 3.27) | bau_sdda | special difficulties: delay of final acceptance | West since 04/1996 | April, September |
| Wording of question |  |  | East since 09/2001 |  |



| No. | Name | Sabel | Survey period |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| 3.28) | bau_sdlop | special difficulties: accept the bid by the lowest | West since 04/1996 | April, September |
|  |  | price | East since 09/2001 | April, September |

## Wording of question



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | May, September |
| 3.29) | bau_sdnopro | special difficulties: no severe problems | West 05/1991 to 09/1995 | April, September |
| Wording of question |  | East since 04/1996 | April, September |  |


|  |  |  |  |  |  |  |  |  |  | Further information <br> No severe problems (for main construction trades) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Special difficulties |  |  |  |  |  |  |  |  |  |  |
| no severe problems [1] |  |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |  |
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |
| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, April |

Wording of question

|  |  |  |  |  |  |  |  |  |  | Further information <br> Payment of overtime |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Allowance of working hours <br> Our company occasionally pays additional working hours (not actually carried out work) for good work, travel times and other. <br> yes [1] $\square$ no [2] $\square$ |  |  |  |  |  |  |  |  |  |  |
| 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 |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.31) bau_wh2 | working hours: development | West 04/1991 to 04/1995 | annual survey, April |  |

Wording of question


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

Wording of question


| No. | Name | Label | Survey period |
| :---: | :--- | :--- | :--- |
|  |  |  |  |
| $3.33)$ | bau_wh4 | working hours: number in t-2 | West 04/1991 to 04/1995 |

Wording of question


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, May |
| 3.34) | bau_chord1 | range of orders within next 2 months: complete | West 05/1991 to 05/1995 | annual survey, May |
| Wording of question |  | West since $05 / 2000$ | annual survey, May |  |


| 05/1991 to 05/1995, since 05/2000 |  |  |  |  |  |  |  |  |  | Further information <br> Development of the range of orders in 2 months (for main construction trades) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
| Expected development of the range of orders <br> Because of current requests, submission results and contract negotiations, during the next two months we expect our range of orders to be <br> increasing [1] <br> not changing [2] <br> 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 |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, May |
| $3.35)$ | bau_chord2 | range of orders within next 2 months: | West 05/1996 to 05/1999 |  |
| Wording of question |  |  |  |  |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, May |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.37$)$ | bau_chord4 | range of orders within next 2 months: | West 05/1996 to 05/1999 | annual survey, May |
| Wording of question | industrial civil engineering |  |  |  |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, May |
| $3.39)$ | bau_chord6 | range of orders within next 2 months: domestic | West 05/1996 to 05/1999 |  |
| Wording of question |  |  |  |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, May |
| $3.40)$ | bau_chord7 | range of orders within next 2 months: | road construction | West 05/1997 to 05/1999 |


| $05 / 1997$ to 05/1999 | 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 | Development of the range of orders in 2 months: <br> road construction |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| $3.41)$ | bau_cvno | changes in construction volume: no changes | West since $06 / 1991$ | annual survey, June |
| Wording of question |  |  |  |  |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.43) | bau_cvneg | changes in construction volume: | West since 06/1991 |  |
| Werding of question | nastive changes in\% | annual survey, June |  |  |




|  |  |  |  |  |  |  |  |  |  | Further information <br> Share of drawing lots to the total performance last year (in total) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
| Drawing lots of the building contractor (individual trades without scheduling) by circa $\qquad$ .\% |  |  |  |  |  |  |  |  |  |  |
| 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 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| $3.46)$ | bau_cvpr_pc | \% of construction volume: | West since $06 / 2013$ | annual survey, June |
| Wording of question | as prime contractor (in general) |  |  |  |





| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| 3.48) | bau_cvpr_solec | \% of construction volume: | West since $06 / 2013$ | annual survey, June |
| Wording of question | as sole contractor (in general) |  | East since $06 / 2013$ |  |

Wording of question


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| 3.49) | bau_cvpr_oth | \% of construction volume: | West since $06 / 2013$ | annual survey, June |
| Wording of question | others (in general) |  |  |  |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| 3.51) | bau_cvpu_sc | \% of construction volume: | West since $06 / 2013$ | annual survey, June |
| Wording of question | as subcontractor (public clients) |  |  |  |


|  |  |  |  |  |  |  |  |  |  | Further information <br> Share of activities as subcontractor to last year's total construction volume (public principals) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Execution <br> Last year's total construction volume (=100\%) was accounted for by ... (share in \%) <br> public principals <br> activities as subcontractor <br> by circa $\qquad$ .\% |  |  |  |  |  |  |  |  |  |  |
| 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 |  |
|  |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :---: | :---: | :---: | :---: | :---: |
| 3.52) | bau_cvpu_pc | \% of construction volume: <br> as prime contractor (public clients) | West since 06/2013 East since 06/2013 | annual survey, June annual survey, June |
| Wording of question |  |  |  |  |
| since <br> Execu <br> Last y (share | tal construction vol <br> activ <br> (with com | $0 \%$ ) was accounted for by ... <br> rime contractor construction |  | Further information <br> Share of activities as prime contractor to last year's total construction volume (public principals) |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| $3.53)$ | bau_cvpu_gc | \% of construction volume: | West since $06 / 2013$ | annual survey, June |
| Wording of question | as general contractor (public clients) |  |  |  |


|  |  |  |  |  |  |  |  |  |  | Further information <br> Share of activities as general contractor to last year's total construction volume (public principals) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Execution <br> Last year's total construction volume (=100\%) was accounted for by ... <br> (share in \%) |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| activity as general contractor <br> (total construction execution by <br> subcontractors) <br> by circa $\qquad$ .. $\%$ |  |  |  |  |  |  |  |  |  |  |
| 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 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| $3.54)$ | bau_cvpu_solec | \% of construction volume: | West since $06 / 2013$ | annual survey, June |
| Wording of question | as sole contractor (public clients) |  |  |  |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| $3.55)$ | bau_cvpu_oth | \% of construction volume: | West since $06 / 2013$ | annual survey, June |
| Wording of question | others (public clients) |  |  |  |


| since $06 / 2013$ | Further information |
| :--- | :--- |
| Execution |  |
| Last year's total construction volume $(=100 \%)$ was accounted for by $\ldots$ | Share of other activities to last year's total construction <br> (share in $\%$ ) |
| volume (public principals) |  |


| (share in \%) | public principals |  |
| :--- | :--- | :--- |
|  | other (general contractor, promoter, <br> project developer, system provider, pre- <br> financing models, functional construction <br> contract, PPP models) | by circa ................ $\%$ |

## Time span of variable

| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2001 | 2002 |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| 3.56) | bau_pcgc_gen | We regularly act as prime/ general contractor <br> (in general) | West since $06 / 2013$ <br> East since $06 / 2013$ |  |
| Wording of question |  |  |  |  |



| No. Name | Label | Survey period | Survey frequency |
| :---: | :---: | :---: | :---: |
| 3.57) bau_pcgc_pub | We regularly act as prime/ general contractor (public clients) | West since 06/2013 East since 06/2013 | annual survey, June annual survey, June |
| Wording of question |  |  |  |
|  |  |  | Further information |
| Prime-/ general contractor services <br> a) we regularly act.... |  |  | Regular work as prime/ general contractors (public principals) |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| 3.58) | bau_prop_gen | Propensity for placing orders with prime/ general | West since $06 / 2013$ | annual survey, June |
| Wording of question | contractors (in general) | East since $06 / 2013$ |  |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | annual survey, June |  |
| 3.59) | bau_prop_pub | Propensity for placing orders with prime/ general | West since $06 / 2013$ | annual survey, June |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, June |
| 3.60) | bau_probl_pub | Are there problems regarding public procurement law | West since $06 / 2013$ | annual survey, June |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | annual survey, July |  |
| $3.61)$ | bau_bes | borrowed equipment/subcontractors | West since $07 / 1991$ |  |
| Wording of question |  | East since $07 / 2001$ |  |  |



| No. | Name | Label | Survey period |
| :--- | :--- | :--- | :--- |
| 3.62) | bau_beslc | borrowed equipment / subcontractors: | West since 07/1991 frequency |


| since 07/1991 |  |  |  |  |  |  |  |  |  | Further information <br> Borrowed equipment due to lack of capacities (for main construction trades) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Borrowed equipment / placing of equipment intensive works to subcontractors <br> Occasionally we rent equipment or engage specialized firms as subcontractors to complete equipment intensive works . If yes, this is primarily |  |  |  |  |  |  |  |  |  |  |
| Time spa | variab |  |  |  |  |  |  |  |  |  |
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |
| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
| WEST |  |  |  |  |  |  |  |  |  |  |
| EAST |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | Survey frequency |  |
| $3.63)$ | bau_bessw | borrowed equipment/subcontractors: | West since 07/1991 | annual survey, July |
|  |  | special work | East since 07/2001 | annual survey, July |

Wording of question

| since $07 / 1991$ | 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. |  |
| If yes, this is primarily |  |$\quad$| Borrowed equipment due to special work |
| :--- |
| (for main construction trades) |

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 |  |  |  |  |  |  |  |  |  |


for special works that can be executed cheaper by other companies [1]

| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, July |
| 3.64) | bau_beper | borrowed equipment: number in $\%$ | West since $07 / 1991$ | annual survey, July |
| Wording of question |  |  |  |  |


| since 07/ |  |  |  |  |  |  |  |  |  | Further information <br> Borrowed equipment in \% (for main construction trades) <br> * "20XX" means last year <br> Example: <br> If the question was posed in July 2003, "20XX"="2002". |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Borrowed equipment / placing of equipment intensive works to subcontractors$\qquad$ \% of our equipment capacity in 20XX* were borrowed equipment |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| $3.65)$ | bau_belope | borrowed equipment: | West since 07/1991 | annual survey, July |


| sin |  |  |  |  |  |  |  |  |  | Further information <br> Borrowed equipment in \%, longer periods (for main construction trades) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Borrowed equipment / placing of equipment intensive works to subcontractors The share of long-term borrowed equipment (more than one year) to the existing equipment capacity was$\qquad$ \% of Borrowed equipment |  |  |  |  |  |  |  |  |  |  |
| 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 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | annual survey, July |  |
| $3.68)$ | bau_sper | subcontractors: \% of sales volume | West since $07 / 1991$ | annual survey, July |
| Wording of question |  |  |  |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.69) | bau_swill1 | subcontractors: willingness | West 07/1991 to 07/1995 | annual survey, July |
| Wording of question |  |  |  |  |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.71) | bau_co1 | medium-term expected commercial operations: | West since 08/1991 <br> East since 08/2001 | annual survey, August <br> annual survey, August |
| Wording of question |  |  |  |  |




| 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"
*"20WW" means this yea
Example:
f the question was posed in July 2003 '20WW"="2003".

| No. | Name |  | Sabel | Survey period |
| :--- | :--- | :--- | :--- | :--- |




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.75) bau_lackwoper | number lack of work in \% | West 09/1991 to 09/1995 | annual survey, September |  |

Wording of question


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, September |
| $3.76)$ | bau_lackwo2 | lack of work (comparison) | West 09/1991 to 09/1995 |  |

Wording of question

| 09/1991 to 09/1995 |  | Further information |
| :--- | :--- | :--- |
| Summer holidays |  |  |
| Compared to summer of last year the number of the lack of work in July and August 19WW* has |  |  |
| increased [1] |  | Lack of work due to summer holidays compared to |
| last year |  |  |
| * "20WW" means this year |  |  |
| Example: |  |  |





| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.80) | bau_ovtim | overtime | West since 10/1991 <br> East since 10/2001 | annual survey, October <br> annual survey, October |

Wording of question




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, October |
| $3.82)$ | bau_cfc1 | construction in foreign countries | West since 10/1991 | annual survey, October |
| Wording of question |  |  |  |  |





| No. | Name | Sabel | Survey period |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | Survey frequency |  |
| 3.84$)$ | bau_cfcac | construction in foreign countries: | West since 10/1991 | annual survey, October |
|  |  | associated company | annual survey, October |  |


| since 10/1991 <br> Construction in foreign countries <br> Do you conduct construction projects in foreign countries or are you involved in such? <br> If yes: Is it conducted by associate companies (e.g. subsidiary companies)? yes [1] |  |  |  |  |  |  |  |  |  | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  | Construction in foreign countries by associate companies <br> (for main construction trades) |
| 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 |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, October |
| $3.85)$ | bau_cfcsh | construction in foreign countries: | Shareholding | East since 10/1991 |



| No. Name | Label | Survey period | Survey frequency |
| :---: | :---: | :---: | :---: |
| 3.86) bau_salvol1 | sales volume in \%: road construction | West $12 / 1996$ to $12 / 2000$ West and East since 06/2009 | annual survey, December annual survey, December**** |
| Wording of question |  |  |  |
| since 12/1996 <br> Information for weighting purposes |  |  | Further information <br> sales volume in \%: road construction (for main construction trades) |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | annual survey, December | annual survey, December**** |

## Wording of question

| since $12 / 19$ <br> Informatio <br> As foundat in 19WW** <br> Time spa <br> WEST <br> EAST |  |  |  |  |  |  |  |  |  | Further information <br> sales volume in \%: other civil engineering (for main construction trades) <br> * "19YY" means next year <br> Example: <br> If the question was posed in December 1998, "19YY"="1999". |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | eight <br> the w <br> ribute | oses of your g the f | mation cons er civil | secto <br> ering | infor ate is | how t \% | ue you | so far |  |  |
|  | variab |  |  |  |  |  |  |  |  | ** "19WW" means this year <br> Example: <br> If the question was posed in December 1998, "19WW"="1998". <br> *** 12/1996 to $12 / 2000$ record type 1 |
|  | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
|  |  | WEST |  |  |  |  |  |  |  |  |
|  | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |
|  |  |  |  |  |  |  | WESTEAST |  |  | appears in the datasets monthly since 06/2009. This data is taken from the previous December. |
|  | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
|  | WEST |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, December |
| 3.88) | bau_salvol3 | sales volume in \%: public civil engineering | West 12/1996 to 12/2000 <br> annual survey, December**** |  |
|  |  | West and East since 06/2009 |  |  |

## Wording of question



| No. | Name | Survey period | Survey frequency |  |
| :---: | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| 3.89) | bau_salvol4 | sales volume in \%: industrial civil engineering | West 12/1996 to 12/2000 | annual survey, December |
|  |  | West and East since 06/2009 | annual survey, December**** |  |

## Wording of question



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, December |
| 3.90) | bau_salvol5 | sales volume in \%: domestic construction | West 12/1996 to 12/2000 | annual survey, December**** |
|  |  |  | West and East since $06 / 2009$ |  |

## Wording of question



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.91) bau_salvol6 | sales volume in \%: buildings with 3 or more flats | West 12/1996 to 12/1999 | annual survey, December |  |

Wording of question

| $12 / 1996$ to $12 / 1999$ | Further information |
| :--- | :--- |
| Information for weighting purposes |  |
| As foundation for the weighting of your information in $19 / 20$ YY $^{*}$ we ask for information how the revenue you made so far |  |
| in $19 W^{* *}$ is distributed among the following construction sector (estimate is sufficient) |  |$\quad$ sales volume in \%: buildings with 3 or more flats | Example: |
| :--- |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.92) | bau_salvol7 | number of workers | West 12/1996 to 12/2000 | annual survey, December |

Wording of question


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.93) | bau_salvol8 | employees all together | West 12/1996 to 12/2000 | annual survey, December |

Wording of question


| No. | Name | Label | Survey period | Survey frequency |
| :---: | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| 3.94) | bau_emp | employees | East 12/1995 to 04/2001 | monthly |

Wording of question

| 12/1995 to 04/2001 |  |  |  |  |  |  |  |  |  | Further information <br> Employees in total <br> * "19WW" means this year <br> Example: <br> If the question was posed in December 1998, "19WW"="1998". |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
| Employees <br> In year 19/20WW* the average number of our employees all together was |  |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |  |
| 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 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, January |
| 3.95$)$ | bau_inwo | indsutrial worker | East 01/2000 to 01/2001 |  |

## Wording of question



| No. | Name | Sabel | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | annual survey, December** |  |
| $3.96)$ | bau_numwor | number of workers | West since 12/2002 | East since $12 / 2002$ |

Wording of question

$\qquad$





| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.101) |  |  |  | annual survey, December |

Wording of question


Wording of question





| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| $3.105)$ | bau_phdur | plant holidays: duration in weeks | West since 12/1991 <br> East since 12/2002 | annual survey*, December <br> annual survey, December |
| Wording of question |  |  |  |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  | West 12/2002 to 12/2008 | annual survey, December |
| 3.106) bau_phintr | year of introduction of plant holidays | East 12/2002 to 12/2008 | annual survey, December |  |

Wording of question East 12/2002 to 12/2008_annual survey, December




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| $3.108)$ | bau_credit | credit allocation | East and West $08 / 2003$ to $08 / 2004$ annual survey, August |  |
|  |  | East and West 03/2005 to 08/2008 | March, August <br> East and West since 11/2008 | monthly |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.109) bau_vaclhy | vacancies during last 6 months | East und West since 08/2013 | annual survey, August |  |

## Wording of question




| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.110) | bau_vaclhy_cp | vacancies during last 6 months: <br> commercial professions | East und West since 08/2013 | annual survey, August |

Wording of question


| No. | Name | Survey period | Survey frequency |  |
| :--- | :--- | :--- | :--- | :--- |
| 3.111) |  |  |  | annual survey, August |

## Wording of question

| since 08/20 |  |  |  |  |  |  |  |  |  | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| During the last 6 months we had vacancies If yes: <br> We were looking for skilled workers in the following fields: <br> sales occupation [1] |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |  |
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |
| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
|  |  | EST |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.112) | bau_vaclhy_mc | vacancies during last 6 months: managerial staff <br> (commerce) | East und West since 08/2013 | annual survey, August |

Wording of question

| since $08 / 2013$ | Further information |
| :--- | :--- | :--- |


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

Wording of question

| since 08/20 |  |  |  |  |  |  |  |  |  | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| During the last 6 months we had vacancies If yes: |  |  |  |  |  |  |  |  |  |  |
| We were looking for skilled workers in the following fields: |  |  |  |  |  |  |  |  |  |  |
| construction engineer [1] |  |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |  |
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |
| 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


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

Wording of question

| since 08/2013 |  |  |  |  |  |  |  |  |  | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| During the last 6 months we had vacancies If yes: |  |  |  |  |  |  |  |  |  |  |
| We were looking for skilled workers in the following fields: |  |  |  |  |  |  |  |  |  |  |
| commercial trainees [1] |  |  |  |  |  |  |  |  |  |  |
| Time spa | variab |  |  |  |  |  |  |  |  |  |
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.115) | bau_difilvac | difficulties filling vacancies | East und West since 08/2013 | annual survey, August |

Wording of question

| since 08/2013 <br> We had difficulties filling the vacancies |  |  |  |  |  |  |  |  |  | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |  |
| 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
|  | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |
| 2001 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
| 2011 |  | ST |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


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

## Wording of question

|  |  |  |  |  |  |  |  |  |  | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| How long did you have difficulties filling the vacancies (in months)? <br> for commercial professions <br> 0 to 3 [1] <br> 4 to 6 [2] <br> more than 6 [3] <br> vacancies not filled yet [4] |  |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |  |
| 19912001 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 |  |
|  | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |  |
| 2001 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 |  |
| 2011 |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |
| 3.117) | bau_difil_so | difficulties filling vacancies: sales occupation | East und West since 08/2013 | annual survey, August |

## Wording of question

| since $08 / 2013$ | Further information |
| :--- | :--- |


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

## Wording of question




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

Wording of question


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | annual survey, August |

Wording of question


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

Wording of question

| since 08/2013 <br> About $\qquad$ $\%$ of these vacancies were reported to the federal employment agency |  |  |  |  |  |  |  |  |  | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |
| 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 |
| :--- | :--- | :--- | :--- | :--- |
| 3.122) bau_seskivly | search for skilled workers vs. last year | East und West since 08/2013 | annual survey, August |  |

Wording of question

|  |  |  |  |  |  |  |  |  |  | Further information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Compared to last year the search for skilled workers was |  |  |  |  |  |  |  |  |  |  |
|  | e easy |  |  |  |  |  |  |  |  |  |
|  | hanged |  |  |  |  |  |  |  |  |  |
| more difficult [3] |  |  |  |  |  |  |  |  |  |  |
| 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 |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.123) bau_fambus | family business | East and West $02 / 2014$ | once |  |

Wording of question



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.124) | bau_ref1 | refugees question 1 | East and West 10/2015 | once |
| Wording of question |  |  |  |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.125) | bau_ref2 | refugees question 2 | East and West 10/2015 | once |

Wording of question



| No. | Name | Label | Survey period |
| :--- | :--- | :--- | :--- |
| 3.127) | bau_ref4 | refugees question 4 frequency | East and West 10/2015 |

## Wording of question



| No. | Name | Survey period | Survey frequency |  |
| :--- | :--- | :--- | :--- | :--- |
| 3.128$)$ | bau_ref5 | refugees question 5 | East and West $10 / 2015$ | once |
| Wording of question |  | Further Information |  |  |
| $10 / 2015$ |  |  |  |  |
| 1. How large do you assess the potential of asylum seekers to be employed in the following positions? |  |  |  |  |



| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.129) bau_ref6 | refugees question 6 | East and West 10/2015 | once |  |

Wording of question

| 10/2015 |  |  |  |  |  |  |  |  |  | Further Information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2. how much of an obstacle to employing asylum seekers do you consider the following factors to be in your branch: <br> [1] little <br> [2] much <br> labor law-related provisions $\square$ $\square$ |  |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |  |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |  |
|  | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |  |
| 1990 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |  |
| 2000 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |  |
| 2010 |  |  |  |  | ST |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.130$)$ | bau_ref7 | refugees question 7 |  |  |
| Wording of question |  |  | once |  |



Wording of question

| 10/201 |  |  |  |  |  |  |  |  |  | Further Information |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{llr}\text { [1] little } & \text { [2] muc } \\ \text { minimum wage } & \square\end{array}$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Time span of variable |  |  |  |  |  |  |  |  |  |  |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |  |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |  |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |  |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |  |
|  |  | WEST EAST |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |


| No. | Name | Label | Survey period | Survey frequency |
| :--- | :--- | :--- | :--- | :--- |
| 3.132$)$ | bau_ref9 | refugees question 9 | East and West 10/2015 | once |

Wording of question


