

List of Variables

Business Survey Service Sector

Data: 10/2004-12/2017

As of May 2018

Contents Page 1-2
Description of Variables Page 3-42

LMU-ifo Economics & Business Data Center (EBDC)

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List of variables - Ifo Business Survey Service Sector

1. Variables of identification

2. Standard questions

3. Special questions

1. Variables of identification

| No. Name Label German description 1.1) survey survey Umfrage 1.2) year year Erhebungsjahr 1.3) month month Monat 1.4) idnum firm X address file id Firmenidentifikationsnummer 1.5) runnum running number of plant Laufende Firmennummer 1.6) dl_plantnum KT information id 12-stellige KT identifikationsnummer 1.7) sector_id sector id Sektor ID 1.8) fedstalfo federal state (ifo-code) Bundesland entsprechend ifo Codierung 1.9) sector_wz03 wz03 sector classification Wirtschaftsbereich nach Wz03 1.10) sector_vz08 wz08 sector classification Wirtschaftsbereich nach Wz08 1.11) sector_total ebdc sector classification Wirtschaftsbereich nach EBDC-eigener Klassifizierung 1.12) dl_size size range Größenklasse 1.13) dl_size_employees size of employees 1.14) dl_size_employees 1.20 1.31 dl_size_employees 1.32 1.33 dl_size_employees 1.34 dl_size_employees 1.35 survey 1.46 Umsatzgrößenklasse 1.47 Umsatzgrößenklasse 1.48 dl_size_employees 1.49 size_employees 1.40 size_employees 1.40 size_employees 1.41 dl_size_employees 1.41 dl_size_employees 1.41 dl_size_employees 1.42 Umsatzgrößenklasse | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------|----------------------------|------------------------------------------------------|
| 1.2) year year year Erhebungsjahr 1.3) month month month Monat 1.4) idnum firm X address file id Firmenidentifikationsnummer 1.5) runnum running number of plant Laufende Firmennummer 1.6) dl_plantum KT information id 12-stellige KT Identifikationsnummer 1.7) sector_id sector id Sektor ID 1.8) fedstaifo federal state (ifo-code) Bundesland entsprechend ifo Codierung 1.9) sector_wz03 wz03 sector classification Wirtschaftsbereich nach WZ03 1.10) sector_wz08 wz08 sector classification Wirtschaftsbereich nach WZ08 1.11) sector_total ebdc sector classification Wirtschaftsbereich nach BEDC-eigener Klassifizierung 1.12) dl_size size range Größenklasse 1.13) dl_size_turnover size of turnover Umsatzgrößenklasse | No. | Name | Label | German description |
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| 1.5) runnum running number of plant Laufende Firmennummer 1.6) dl_plantnum KT information id 12-stellige KT Identifikationsnummer 1.7) sector_id sector id Sektor ID 1.8) fedstaifo federal state (ifo-code) Bundesland entsprechend ifo Codierung 1.9) sector_w203 wz03 sector classification Wirtschaftsbereich nach W203 1.10) sector_w208 wz08 sector classification Wirtschaftsbereich nach W208 1.11) sector_total ebds sector classification Wirtschaftsbereich nach EBDC-eigener Klassifizierung 1.12) dl_size size range Größenklasse 1.13) dl_size_turnover size of turnover Umsatzgrößenklasse | 1.3) | month | month | Monat |
| 1.6) dl_plantnum KT information id 12-stellige KT Identifikationsnummer 1.7) sector_id sector id Sektor ID 1.8) fedstalfo federal state (ifo-code) Bundesland entsprechend ifo Codierung 1.9) sector_w203 wz03 sector classification Wirtschaftsbereich nach W203 1.10) sector_w208 wz08 sector classification Wirtschaftsbereich nach W208 1.11) sector_total ebds sector classification Wirtschaftsbereich nach EBDC-eigener Klassifizierung 1.12) dl_size size range Größenklasse 1.13) dl_size_turnover size of turnover Umsatzgrößenklasse | 1.4) | idnum | firm X address file id | Firmenidentifikationsnummer |
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| 1.10) sector_wz08 wz08 sector classification Wirtschaftsbereich nach WZ08 1.11) sector_total ebdc sector classification Wirtschaftsbereich nach EBDC-eigener Klassifizierung 1.12) dl_size size range Größenklasse 1.13) dl_size_turnover Umsatzgrößenklasse | 1.8) | fedstaifo | federal state (ifo-code) | Bundesland entsprechend ifo Codierung |
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| 1.12) dl_size size range Größenklasse 1.13) dl_size_turnover Umsatzgrößenklasse | 1.10) | sector_wz08 | wz08 sector classification | Wirtschaftsbereich nach WZ08 |
| 1.13) dl_size_turnover size of turnover Umsatzgrößenklasse | 1.11) | sector_total | ebdc sector classification | Wirtschaftsbereich nach EBDC-eigener Klassifizierung |
| | 1.12) | dl_size | size range | Größenklasse |
| 1.14) dl_size_employees size of employees Beschäftigtengrößenklasse | 1.13) | dl_size_turnover | size of turnover | Umsatzgrößenklasse |
| | 1.14) | dl_size_employees | size of employees | Beschäftigtengrößenklasse |

II. Variables regarding the survey process

| No. | Name | Label | German description |
|-------|----------------------|----------------------|-------------------------------|
| | | | |
| 1.15) | online | online | Fragebogen online beantwortet |
| 1.16) | survey_start | survey start | Umfragebeginn |
| 1.17) | survey_end | survey end | Umfrageende |
| 1.18) | participation_date | participation date | Teilnahmedatum |
| 1.19) | participation_hour | participation hour | Teilnahmestunde |
| 1 20) | narticination status | narticination status | Teilnahmestatus |

2. Standard questions

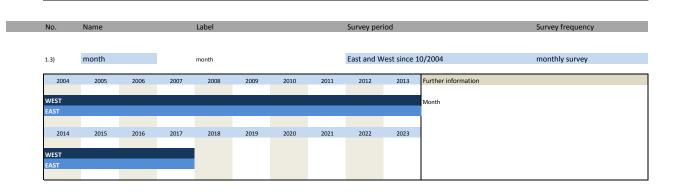
| No. | Name | Label | German description |
|-------|---------------------|--------------------------------------------------------------|------------------------------------------------------------------------|
| | | | |
| 2.1) | dl_statebus | state of business (appraisal) | Beurteilung der Geschäftslage |
| 2.2) | dl_statebus_sl | state of business (VAS) | Beurteilung der Geschäftslage (Slider) |
| 2.3) | dl_statebus_clicks | state of business (clicks) | Beurteilung der Geschäftslage (Klicks) |
| 2.4) | dl_busvolqu | business volume last 3 months | Entwicklung der Geschäftslage in den letzten 3 Monaten |
| 2.5) | dl_demandsales | demand / sales volume last 2-3 months | Entwicklung der Nachfrage/des Umsatz in den letzten 2-3 Monaten |
| 2.6) | dl_demandlast | demand / sales last month versus same month of previous year | Entwicklung von Nachfrage/Umsatz im letzten Monat ggü. Vorjahresmonat |
| 2.7) | dl_orders | orders (appraisal) | Beurteilung des Auftragsbestandes |
| 2.8) | dl_employlast | employees last 2-3 months | Entwicklung der Beschäftigtenzahl in den letzten 2-3 Monaten |
| 2.9) | dl_demandexp | expected demand / sales volume for the next 2-3 months | Erwartete Entwicklung von Nachfrage/Umsatz in den nächsten 2-3 Monaten |
| 2.10) | dl_employexp | expected employees for the next 2-3 months | Erwartete Entwicklung der Beschäftigtenzahl |
| 2.11) | dl_expectbus | expected business situation for the next 6 months | Erwartete Geschäftsentwicklung in den nächsten 6 Monaten |
| 2.12) | dl_expectbus_sl | expected business situation (VAS) | Erwartete Geschäftsentwicklung (Slider) |
| 2.13) | dl_expectbus_clicks | expected business situation (clicks) | Erwartete Geschäftsentwicklung (Klicks) |
| 2.14) | dl_expectbus_unc | uncertainty w.r.t. commercial operation | Slider Unsicherheit |
| 2.15) | dl pricenext | prices for the next 3 months | Erwartete Preisentwicklung in den nächsten 3 Monaten |

3. Special questions

| No. | Name | Label | German description |
|-------|--------------|-------------------------------------------------|----------------------------------------------------------------------------|
| | | | |
| 3.1) | dl_constrbus | constraints to business activity | Behinderung der Geschäftstätigkeit |
| 3.2) | dl_lackdem | constaints by lack of demand | Behinderung der Geschäftstätigkeit durch unzureichende Nachfrage |
| 3.3) | dl_mplack | constaints by lack of skilled labour | Behinderung der Geschäftstätigkeit durch Mangel an Arbeitskräften |
| 3.4) | dl_lacktec | constaints by lack of technical capacities | Behinderung der Geschäftstätigkeit durch zu geringe technische Kapazitäten |
| 3.5) | dl_finan | constaints by problems of financing | Behinderung der Geschäftstätigkeit durch Finanzierungsengpässe |
| 3.6) | dl_lackroom | constaints by lack of room / business equipment | Behinderung der Geschäftstätigkeit durch Raummangel |
| 3.7) | dl_weather | constaints by weather conditions | Behinderung der Geschäftstätigkeit durch Wetterlage |
| 3.8) | dl_othrea | constaints by other reasons | Behinderung der Geschäftstätigkeit durch andere Ursachen |
| 3.9) | dl_kap1 | potential of existing capacity | Potential der vorhandenen Kapazitäten |
| 3.10) | dl_kap2 | potential capacity expantion in % | Potential der vorhandenen Kapazitäten in % |
| 3.11) | dl_fambus | family business | Familienunternehemen |
| 3.12) | dl_minim1 | minimum wage q1 | Mindestlohn Frage 1 |
| 3.13) | dl_minim2 | minimum wage q2 | Mindestlohn Frage 2 |
| 3.14) | dl_minim3 | minimum wage q3 | Mindestlohn Frage 3 |
| 3.15) | dl_minim4 | minimum wage q4 | Mindestlohn Frage 4 |
| 3.16) | dl_minim5 | minimum wage q5 | Mindestlohn Frage 5 |
| 3.17) | dl_minim6 | minimum wage q6 | Mindestlohn Frage 6 |
| 3.18) | dl_minim7 | minimum wage q7 | Mindestlohn Frage 7 |
| 3.19) | dl_minim8 | minimum wage q8 | Mindestlohn Frage 8 |
| 3.20) | dl_invest_lj | total investment last year | Entwicklung der Investititonen letztes Jahr |
| 3.21) | dl invcon lj | investment in construction last year | Investitionen in Bauten letztes jahr |

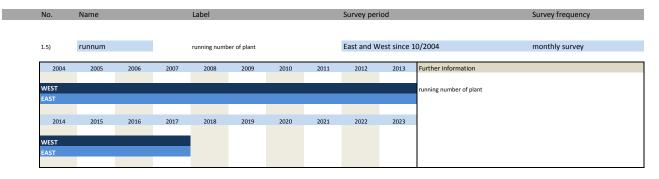
| 3.21) | dl_inveq_lj | investment in equipment last year | Investitionen in Ausrüstung letztes Jahr |
|-------|--------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| 3.23) | dl_invest_dj | total investment this year | Gesamtinvestitionen dieses Jahr |
| 3.24) | dl_invcon_dj | investment in construction this year | Investitionen in Bauten dieses Jahr |
| 3.25) | dl_inveq_dj | investment in equipment this year | Investitionen in Ausrüstung dieses Jahr |
| 3.26) | dl_invest_nj | total investment next year | Investitionen im kommenden Jahr, insgesamt |
| 3.27) | dl_invcon_nj | investment in construction next year | Investititonen im kommenden Jahr, Bauten |
| 3.28) | dl_inveq_nj | investment in equipment next year | Investitionen im kommenden Jahr, Ausrüstung |
| 3.29) | dl_ref1 | refugees question 1 | Flüchtlinge Frage 1 |
| 3.30) | dl_ref2 | refugees question 2 | Flüchtlinge Frage 2 |
| 3.31) | dl_ref3 | refugees question 3 | Flüchtlinge Frage 3 |
| 3.32) | dl_ref4 | refugees question 4 | Flüchtlinge Frage 4 |
| 3.33) | dl_ref5 | refugees question 5 | Flüchtlinge Frage 5 |
| 3.34) | dl_ref6 | refugees question 6 | Flüchtlinge Frage 6 |
| 3.35) | dl_ref7 | refugees question 7 | Flüchtlinge Frage 7 |
| 3.36) | dl_ref8 | refugees question 8 | Flüchtlinge Frage 8 |
| 3.37) | dl_ref9 | refugees question 9 | Flüchtlinge Frage 9 |
| 3.38) | dl_minim_post1 | affected by minimum wage | von Mindestlohn betroffen |
| 3.39) | dl_minim_post2 | no minimum wage measures | keine Mindestlohn- Maßnahmen |
| 3.40) | dl_minim_post3 | measures: employee reduction | Maßnahmen: Personalabbau |
| 3.41) | dl_minim_post4 | measures: working hour reduction | Maßnahmen: Arbeitszeitreduzierung |
| 3.42) | dl_minim_post5 | measures: increased prices | Maßnahmen: Preiserhöhungen |
| 3.43) | dl_minim_post6 | measures: decreased investment | Maßnahmen: verringerte Investitionen |
| 3.44) | dl_minim_post7 | measures: decreased special payments | Maßnahmen: Kürzungen von Sonderzahlungen |
| 3.45) | dl_minim_post8 | less minijobs | Minijobs weggefallen |
| 3.46) | dl_minim_post9 | minijobs transformed into insurable employment | Minijobs in soz.vers.pflichtige Besch.verhältnisse umgewandelt |
| 3.47) | dl_minim_post10 | new insurable employment | neue soz.vers.pflichtige Besch.verhältnisse |
| 3.48) | dl_minim_post11 | employment relationships did not change | keine veränderten Besch.Verhältnisse |
| 3.49) | dl_credityes | credit agreement signed | Kreditvertrag abgeschlossen |
| 3.50) | dl_creditno | credit agreement not signed | Kreditvertrag nicht abgeschlossen |
| 3.51) | dl_credituse1 | financing of ongoing operating resources | Finanzierung laufender Kreditmittel |
| 3.52) | dl_credituse2 | financing of an investment | Finanzierung einer Investition |
| 3.53) | dl_credituse3 | other financing | Sonstiger Verwendungszweck |
| 3.54) | dl midmanager | mid tier: more than 4 managers | Mittlestand: mehr als 4 Manager |
| 3.55) | dl midmanshare | mid tier: at least one manager has shares | Mittelstand: Mindestens ein Manager hat Anteile |
| 3.56) | dl_midyes | mid tier: company rated as mid tier | Mittelstand: Als Mittelstand eingeschätzt |
| 3.57) | dl_credit2_1 | credit seeking | Kreditverhandlungen durchgeführt |
| 3.58) | dl credit2 2 | credit allocation | Kreditvergabe: Verhalten der Banken |
| 3.59) | dl credit2 3 | reasons for not credit seeking | Gründe für keine Kreditverhandlungen |
| 3.60) | dl exports | exporting services to foreign companies/persons | Export von Dienstleistungen |
| 3.61) | dl negint | confronted with negative interest rates | Wurden Sie mit Negativzinsen konfrontiert? |
| 3.62) | dl negint noact | negative interest actions: none | Keine Maßnahmen |
| 3.63) | dl_negint_agree | negative interest actions: bank agreements | Verhandlungen mit Bank |
| 3.64) | dl negint change | negative interest actions: change of bank | Wechsel der Bank |
| 3.65) | dl_negint_inc | negative interest actions: increase of cash | Erhöhung der Bargeldhaltung |
| 3.66) | dl_negint_redas | negative interest actions: redeployment in other financial assets and settlement of credits | Umschichtung Finanzanlagen/Rückzahlung von Krediten |
| 3.67) | dl_negint_redasint | negative interest actions: redeployment of assets within company | Umschichtung des Guthabens |
| 3.68) | dl_negint_inv | negative interest actions: investing or preponing (additional) investments | Investitionen |
| 3.69) | dl_negint_oth | negative interest actions: other | Andere |
| 3.70) | dl_negint_burden | burden of negative interest rates on profit situation | Belastung durch Negativzinsproblematik |
| 3.71) | dl_negint_banks | number of relationship banks | Wie viele Banken? |
| | | | |





WEST

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|---------------------------------------|---------------|--------------------|-------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | | | | | |
| idnum | | | firm X adress | file id | | | East and W | est since 1 | 0/2004 | monthly survey |
| 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information | |
| | | | | | | | | | Firm X adress file id | |
| | | | | | | | | | 7 digits | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | idnum 2005 | idnum 2005 2006 | idnum 2005 2006 2007 | idnum firm X adress 2005 2006 2007 2008 | idnum firm X adress file id 2005 2006 2007 2008 2009 | idnum firm X adress file id 2005 2006 2007 2008 2009 2010 | idnum firm X adress file id 2005 2006 2007 2008 2009 2010 2011 | idnum firm X adress file id East and W 2005 2006 2007 2008 2009 2010 2011 2012 | idnum firm X adress file id East and West since 1 2005 2006 2007 2008 2009 2010 2011 2012 2013 | idnum firm X adress file id East and West since 10/2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 Further information Firm X adress file id 7 digits |



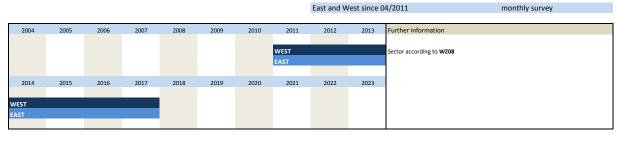
| No. | Name | | | Label | | | | Survey per | iod | | Survey frequency |
|------|------------|------|------|----------------|------|------|------|------------|-------------|--------------------------------------------|-------------------------------------|
| | | | | | | | | | | | |
| 1.6) | dl_plantnu | m | | KT information | n id | | | East and W | est since 1 | 0/2004 | monthly survey |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information | |
| WEST | | | | | | | | | | KT information id, 12 digits, created with | DL-branch number |
| EAST | | | | | | | | | | | |
| | | | | | | | | | | digit 1-5: 1.5) sec | Economic sector |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | |
| WEST | | | | | | | | | | digit 6-7: 1.15) fedstaifo | federal state according to ifo code |
| EAST | | | | | | | | | | digit 8-12: 1.11) runnum | running firm number |

| Name | | | Label | | | | Survey per | iod | | Survey frequency |
|-----------|-----------|-----------|---------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | | | | | |
| sector_id | | | sector id | | | | East and W | est since 1 | 0/2004 | monthly survey |
| 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | sector_id | sector_id | sector_id 2005 2006 2007 | sector_id sector id 2005 2006 2007 2008 | sector_id sector id 2005 2006 2007 2008 2009 | sector_id sector id 2005 2006 2007 2008 2009 2010 | sector_id sector id 2005 2006 2007 2008 2009 2010 2011 | sector_id East and W 2005 2006 2007 2008 2009 2010 2011 2012 | sector_id East and West since 1 2005 2006 2007 2008 2009 2010 2011 2012 2013 | sector_id East and West since 10/2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 Further information |

| No. | Name | | | Label | | | | Survey per | riod | | Survey frequency |
|------|-----------|------|------|-----------------|-----------|------|------|------------|--------------|-------------------------------------|-------------------------------------------|
| | | | | | | | | | | | |
| 1.8) | fedstaifo | | | federal state (| ifo-code) | | | East and W | Vest since 1 | 10/2004 | monthly survey |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information | |
| WEST | | | | | | | | | | federal state according to ifo code | |
| EAST | | | | | | | | | | Laurence in | |
| | | | | | | | | | | 1 "[01] Berlin West" | 9 "[09] Baden-Wuerttemberg" |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2 "[02] Schleswig-Holstein" | 10 "[10] Bavaria" |
| | | | | | | | | | | 3 "[03] Hamburg" | 11 "[11] Saarland" |
| WEST | | | | | | | | | | 4 "[04] Bremen" | 12 "[12] Mecklenburg-Western-Pomera |
| EAST | | | | | | | | | | 5 "[05] Lower Saxony" | 13 "[13] Brandenburg (incl. Berlin East)" |
| | | | | | | | | | | 6 "[06] Nordrhine-Westphalia" | 14 "[14] Saxony-Anhalt" |
| | | | | | | | | | | 7 "[07] Rhineland-Palatinate" | 15 "[15] Saxony" |
| | | | | | | | | | | 8 "[08] Hesse" | 16 "[16] Thuringia" |

| No. | Name | | | Label | | | | Survey per | iod | Survey frequency |
|------|------------|------|------|---------------|---------------|------|------|------------|------------|------------------------------|
| | | | | | | | | | | |
| 1.9) | sector_wz0 | 03 | | wz03 sector c | lassification | | | East and W | est 10/200 | 04 to 03/2011 monthly survey |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information |
| WEST | | | | | | | | | | Sector according to WZ03 |
| EAST | | | | | | | | | | Sector according to waves |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| | | | | | | | | | | |
| | | | | | | | | | | |

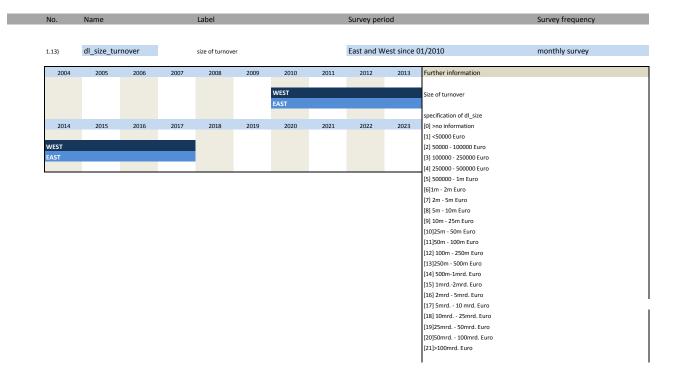
| No. | Name | Label | Survey period | Survey frequency |
|-------|-------------|----------------------------|-----------------------|------------------|
| | | | | |
| | | | | |
| | | | | |
| 1.10) | sector_wz08 | wz08 sector classification | East and West 01/2005 | once |
| | | | | |



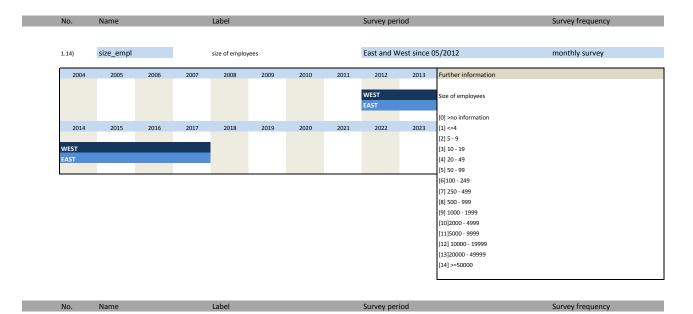
| lo. | Name | | | Label | | | | Survey per | iod | Survey frequency |
|------------|-------------|------|------|----------------|--------------|------|------|-------------|--------------|---------------------------------------------------------------------------------------------------------|
| | | | | | | | | | | |
| 11) | sector_tota | ı | | ebdc sector cl | assification | | | East and W | lest since ' | 10/2004 monthly |
| , | Sector_tota | • | | code sector cr | 333110001011 | | | Lust und 11 | est since : | 10,200 |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information |
| 2004 | 2003 | 2000 | 2007 | 2000 | 2003 | 2010 | 2011 | 2012 | 2013 | Turcie mornation |
| /EST | | | | | | | | | | Sector according to the EBDC |
| AST | | | | | | | | | | |
| | | | | | | | | | | [1] agriculture, hunting and related activities |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | [5] mining |
| EST | | | | | | | | | | [10] publishing industry, printing industry, reproduction of recorded |
| LST LST | | | | | | | | | | sound, image and data storage media |
| AS I | | | | | | | | | | [25] repair and instalation of machines and equipment |
| | | | | | | | | | | [26] recycling |
| | | | | | | | | | | [27] energy and water supply |
| | | | | | | | | | | [28] effluent, waste and other disposal |
| | | | | | | | | | | [29] construction industry |
| | | | | | | | | | | [30] vehicle trade, maintenance and repair of vehicles, gas stations [31] wholesale and trade mediation |
| | | | | | | | | | | [32] retail (without vehicle trade and gas stations), repair of goods |
| | | | | | | | | | | [33] transport, auxiliary and secondary activities for transport |
| | | | | | | | | | | [34] postal, courier and express services |
| | | | | | | | | | | [35] hospitality, lodging, gastronomy |
| | | | | | | | | | | [36] publishing; movie and tv show production and distribution; cinemas; |
| | | | | | | | | | | recording studios and music publishing |
| | | | | | | | | | | [37] broadcasting; telecommunications; information and information |
| | | | | | | | | | | technology services; news communications |
| | | | | | | | | | | [38] financial and insurance services |
| | | | | | | | | | | [39] real estate and housing business |
| | | | | | | | | | | [40] dataprocessing and databases |
| | | | | | | | | | | [41] law, tax and business consultancy, auditing, administration and |
| | | | | | | | | | | governance of businesses |
| | | | | | | | | | | |
| | | | | | | | | | | [42] architecture and engineering offices; technical, physical and |
| | | | | | | | | | | chemical analysis; other freelance, scientific and technical activities [43] research and development |
| | | | | | | | | | | [44] advertisement and market research |
| | | | | | | | | | | [45] other economic services |
| | | | | | | | | | | [46] renting of movable objects |
| | | | | | | | | | | [47] mediation and assignment of manpower |
| | | | | | | | | | | [48] travel agencies, travel business and other booking services |
| | | | | | | | | | | [49] sentry and security services, investigative agencies |
| | | | | | | | | | | [50] facility maintenance, horticulture, landscaping |
| | | | | | | | | | | [51] public administration, defense, social insurance |
| | | | | | | | | | | [52] education |
| | | | | | | | | | | [53] health, veterinary and social sector; asylums |
| | | | | | | | | | | [54] predominantly personal services (e.g.: entertaining activities, |
| | | | | | | | | | | libraries, museums, botanical gardens, sports, recreation services) |
| | | | | | | | | | | [55] advocacy, church and other associations (without social services, |
| | | | | | | | | | | culture and sports) |
| | | | | | | | | | | [56] repair of dataprocessing devices and goods |
| | | | | | | | | | | [57] other services |
| | | | | | | | | | | [[ST] OUTCE SCITICES |

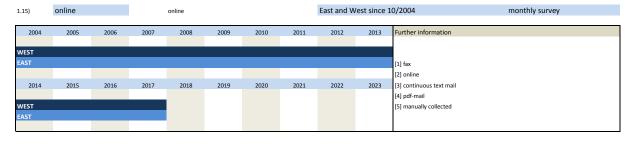
| No. | | Name | | | Label | | | | Survey peri | iod | | | Survey free | quency |
|-------|----|---------|------|------|------------|------|------|------|-------------|-------------|----------------------------------|----------------------|-------------|---------|
| | | | | | | | | | | | | | | |
| 1.12) | | dl_size | | | size range | | | | East and W | est since (| 04/2011 | | monthly su | ırvey |
| 20 | 04 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further infor | mation | | |
| | | | | | | | | WEST | | | Size range | | | |
| | | | | | | | | EAST | | | [1] <250000 E | uro | | |
| 20 | 14 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | [2] 250000 - 1 | | | |
| WEST | | | | | | | | | | | [3] 1m - 5m Eu [4] 5m - 10m E | | | |
| EAST | | | | | | | | | | | [5] 10m - 25m [6] >25m Euro | Euro | | |
| | | | | | | | | | | | turnover | dl_size_ turnover | dl_size | weight* |
| | | | | | | | | | | | <50000 Euro | 1 | | 1 |

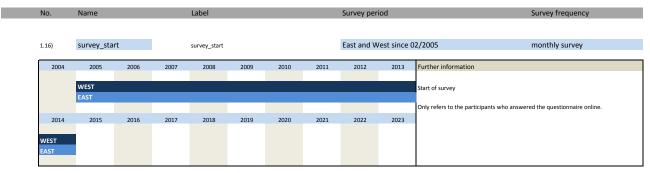
| 50000 - 100000 Euro | 2 | 1 | 2 |
|--------------------------|----------------|--------|----|
| 100000 - 250000 Euro | 3 | | 3 |
| 250000 - 500000 Euro | 4 | 2 | 4 |
| 500000 - 1mill. Euro | 5 | - | 5 |
| 1mill 2mill. Euro | 6 | 2 | 6 |
| 2mill 5mill. Euro | 7 | 3 | 7 |
| 5mill 10mill. Euro | 8 | 4 | 8 |
| 10mill 25mill. Euro | 9 | 5 | 9 |
| 25mill 50mill. Euro | 10 | | |
| 50mill 100mill. Euro | 11 | | |
| 100mill 250mill. Euro | 12 | | |
| 250mill 500mill. Euro | 13 | | |
| 500mill 1mrd. Euro | 14 | | |
| 1mrd2mrd. Euro | 15 | 6 | 10 |
| 2mrd - 5mrd. Euro | 16 | | |
| 5mrd 10 mrd. Euro | 17 | | |
| 10mrd 25mrd. Euro | 18 | | |
| 25mrd 50mrd. Euro | 19 | | |
| 50mrd 100mrd. Euro | 20 | | |
| >100mrd. Euro | 21 | | |
| * not included | in the panel a | nymore | |



| turnover | dl_size_ turnover (Umsatz- größen- klasse) | dl_size (Umsatzgrößenklasse in Größenklasse) | weight* (Umsatzgrößenklasse in Gewicht) |
|--------------------------|--------------------------------------------------------|----------------------------------------------------|-----------------------------------------------|
| <50000 Euro | 1 | | 1 |
| 50000 - 100000 Euro | 2 | 1 | 2 |
| 100000 - 250000 Euro | 3 | | 3 |
| 250000 - 500000 Euro | 4 | 2 | 4 |
| 500000 - 1mill. Euro | 5 | | 5 |
| 1mill 2mill. Euro | 6 | 3 | 6 |
| 2mill 5mill. Euro | 7 | 3 | 7 |
| 5mill 10mill. Euro | 8 | 4 | 8 |
| 10mill 25mill. Euro | 9 | 5 | 9 |
| 25mill 50mill. Euro | 10 | | |
| 50mill 100mill. Euro | 11 | | |
| 100mill 250mill. Euro | 12 | | |
| 250mill 500mill. Euro | 13 | | |
| 500mill 1mrd. Euro | 14 | | |
| 1mrd2mrd. Euro | 15 | 6 | 10 |
| 2mrd - 5mrd. Euro | 16 | | |
| 5mrd 10 mrd. Euro | 17 | | |
| 10mrd 25mrd. Euro | 18 | | |
| 25mrd 50mrd. Euro | 19 | | |
| 50mrd 100mrd. Euro | 20 | | |
| >100mrd. Euro | 21 | | |
| | d in the panel a nerated via dl_s | | |







| No. | Name | | | Label | | | | Survey per | iod | Survey frequency |
|-------|-----------|------|------|------------|------|------|------|------------|-------------|------------------------------------------------------------------------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| 1.17) | survey_en | d | | survey_end | | | | East and W | est since 0 | 02/2005 monthly survey |
| | | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information |
| | | | | | | | | | | |
| | WEST | | | | | | | | | End of survey |
| | EAST | | | | | | | | | |
| | | | | | | | | | | Only refers to the participants who answered the questionnaire online. |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| | | | | | | | | | | |
| WEST | | | | | | | | | | |
| EAST | | | | | | | | | | |
| 27131 | | | | | | | | | | |
| | | | | | | | | | | |

| No. | | Name | | | Label | | | | Survey per | riod | Survey frequency |
|-------|-----|--------------|---------|------|-----------------|------|------|------|------------|-------------|------------------------------------------------------------------------|
| | | | | | | | | | | | |
| 1.18) | | participatio | on_date | | participation o | late | | | East and W | est since 0 | 02/2005 monthly survey |
| 20 | 004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information |
| | | WEST | | | | | | | | | Date of survey |
| | | EAST | | | | | | | | | |
| | | | | | | | | | | | Only refers to the participants who answered the questionnaire online. |
| 20 | 014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| | | | | | | | | | | | |
| WEST | | | | | | | | | | | |
| EAST | | | | | | | | | | | |
| | | | | | | | | | | | |

| No. | Name | | | Label | | | | Survey per | iod | Survey frequency |
|-------|---------------|---------|------|-----------------|------|------|------|------------|-------------|------------------------------------------------------------------------|
| | | | | | | | | | | |
| 1.19) | participation | on_hour | | participation h | nour | | | East and W | est since 0 | 2/2005 monthly survey |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information |
| | WEST | | | | | | | | | Hour of survey |
| | EAST | | | | | | | | | Only refers to the participants who answered the questionnaire online. |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| WEST | | | | | | | | | | |
| EAST | | | | | | | | | | |
| | | | | | | | | | | |

| | No. | Name | | | Label | | | | Survey per | iod | | Survey frequency |
|---|-------|--------------|----------|------|-----------------|-------|------|------|------------|-------------|----------------------|------------------|
| | | | | | | | | | | | | |
| | 1.20) | participatio | n status | | participation s | tatus | | | East and W | est since 0 | 2/2005 | monthly survey |
| _ | | | _ | | | | | | | | <u>'</u> | <u> </u> |
| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | Further information | |
| | | | | | | | | | | | | |
| | | WEST | | | | | | | | | Participation status | |

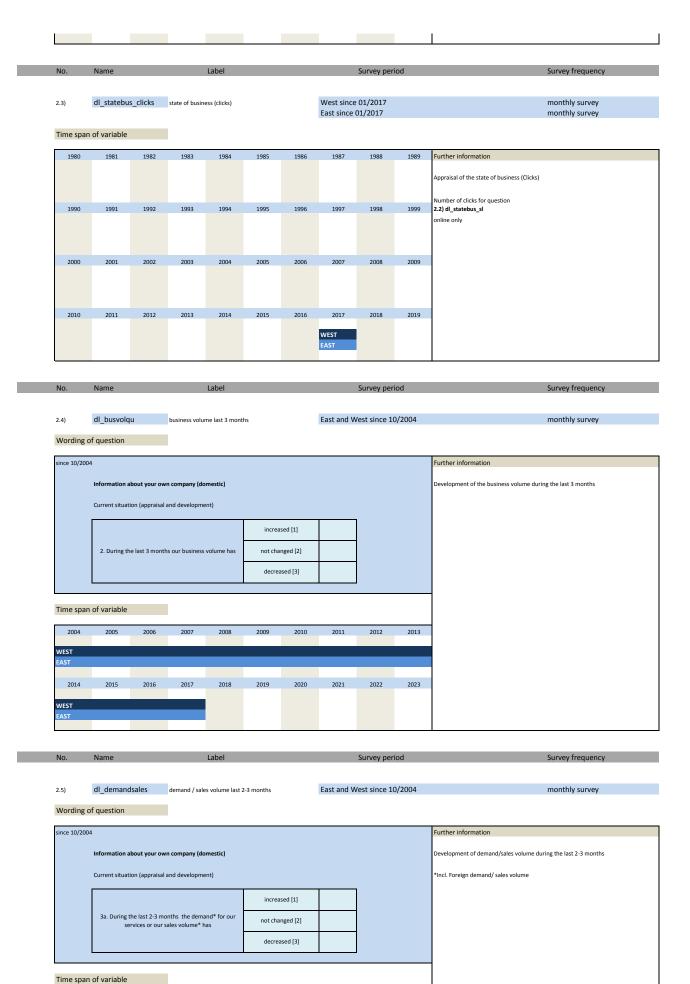
| | EAST | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------------------------------------------------------------------------|
| | | | | | | | | | | Only refers to the participants who answered the questionnaire online. |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| | | | | | | | | | | [1] complete |
| WEST | | | | | | | | | | [2] reworked |
| EAST | | | | | | | | | | [3] incomplete |
| | | | | | | | | | | [4] not answered |
| | | | | | | | | | | [5] ausgefuellt |
| | | | | | | | | | | |

2. Standard questions

| No. | Name | | | Label | | | | Survey per | iod | | Survey frequency |
|-----------------|-----------------|----------------|-----------------|-----------------|---------|----------|------------|---------------|--------|------------------------------------|------------------|
| 2.1) Wording | dl_statebus | S | state of busine | ess (appraisal) | | | East and V | Vest since 10 | 0/2004 | | monthly survey |
| since 10/200 | | | | | | | | | | Further information | |
| | Information a | bout your ow | n company (do | mestic) | | | | | | Appraisal of the state of business | |
| | Current situati | ion (appraisal | and developme | nt) | | | | | | | |
| | | | | | goo | d [1] | | | | | |
| | 1. We evalu | ate our state | of business cur | rently to be | satisfi | able [2] | | | | | |
| | | | | | ba | i [3] | | | | | |
| Time spar | n of variable | | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| WEST | | | | | | | | | | | |
| EAST | | | | | | | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | |
| WEST EAST | | | | | | | | | | | |

| No. | Name | Label | Survey period | Survey frequency |
|------|----------------|-------------------------|--------------------|------------------|
| | | | | |
| 2.2) | dl statebus sl | state of business (VAS) | West since 01/2017 | monthly survey |
| | | | East since 01/2017 | monthly survey |





2011 2012 2013

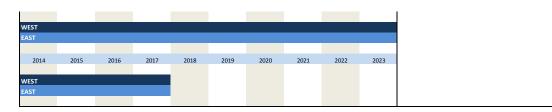
2004 2005

2006 2007

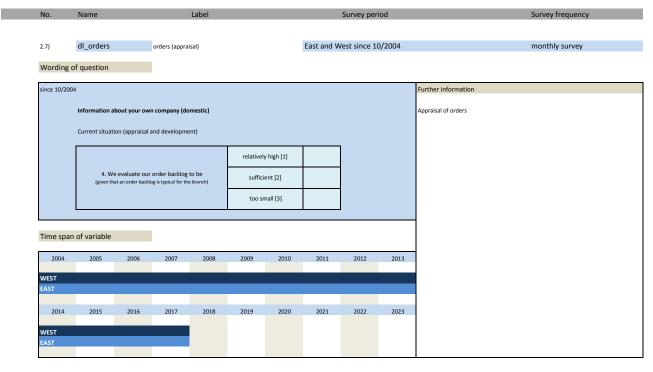
2008

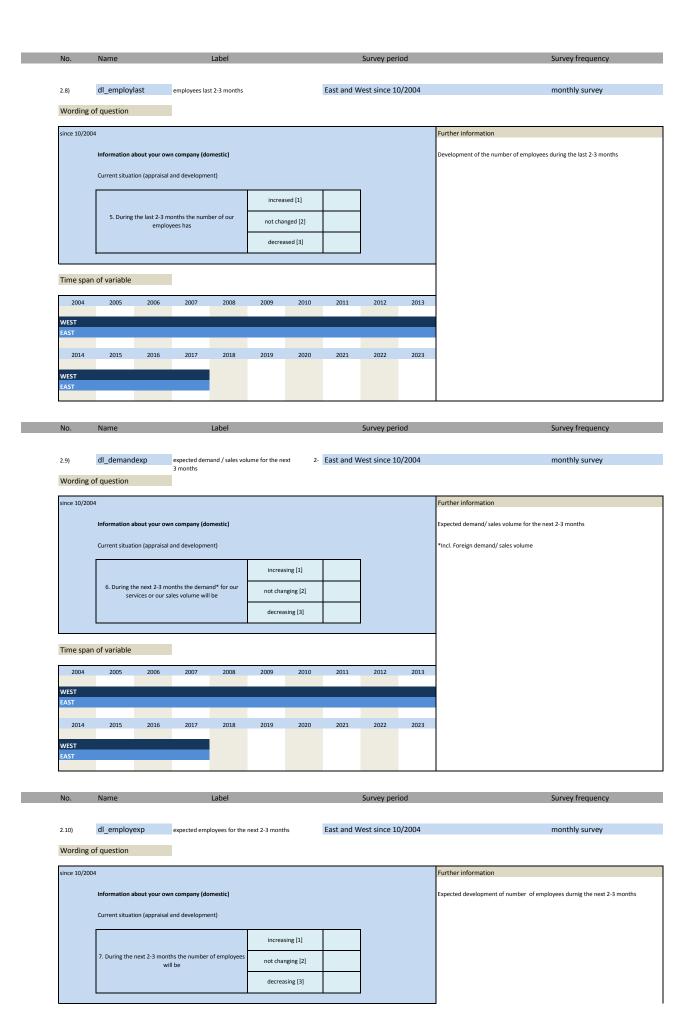
2009

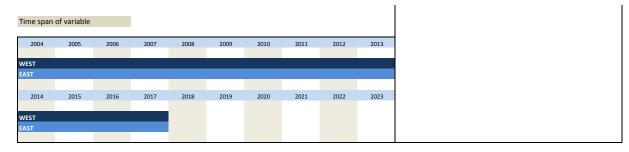
2010



| | Name | | | Label | | | | Survey perio | oa | Survey frequency |
|----------------------------------|-----------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------|-----------------------------------|---------------------------|-------------------------------|------------|--------------|-------|---------------------------------------------------------------------|
| 2.6) | dl_demand | dlast | demand / sales previous year | s last month v | ersus same mo | onth of | East and W | est since 10 | /2004 | monthly survey |
| Wording | g of question | | | | | | | | | |
| von 10/200 | 04 bis 04/2009 | | | | | | | | | Further information |
| | Information a | bout your ow | n company (doi | mestic) | | | | | | demand/ sales volume last month versus same month of previous year |
| | | | | | | | | | | leemandy sales volume last month versus same month of previous year |
| | Current situat | ion (appraisal | and developme | nt) | | | | | | *Incl. Foreign demand/ sales volume |
| | | | | | increa | ased [1] | | | | |
| | | | me month of las | | not cha | anged [2] | | | | |
| | demand | or sales voll | ume [] last mo | ntn nas | | ased [3] | | | | |
| | | | | | decrea | aseu [3] | | | | |
| since 05/20 | Information a | | n company (doi | | | | | | | |
| since 05/20 | Information a Current situat 3b. Comp. | ion (appraisal | | nt) t year our | not cha | ased [1] anged [2] ased [3] | | | | |
| since 05/20 | Information a Current situat 3b. Comp. | ion (appraisal | and developmen | nt) t year our | not cha | | | | | |
| | Information a Current situat 3b. Comp. | ion (appraisal | and developmen | nt) t year our | not cha | anged [2] | | | | |
| | Information a Current situat 3b. Comp demand* or s | ion (appraisal | and developmen | nt) t year our | not cha | anged [2] | 2011 | 2012 | 2013 | |
| Time spa | Information a Current situat 3b. Comp demand* or: | ion (appraisal ared to the sar sales volume [. | and development of lass | nt) t year our us month has | not cha | anged [2] | 2011 | 2012 | 2013 | |
| Time spa | Information a Current situat 3b. Comp demand* or: | ion (appraisal ared to the sar sales volume [. | and development of lass | nt) t year our us month has | not cha | anged [2] | 2011 | 2012 | 2013 | |
| Time spa 2004 WEST EAST | 3b. Comp demand* or : | ion (appraisal ared to the sar sales volume [| and development and development of last in the previous 2007 | t year our us month has | not cha decre: 2009 | anged [2] ased [3] 2010 | | | | |
| Time spa 2004 WEST | Information a Current situat 3b. Comp demand* or: | ion (appraisal ared to the sar sales volume [. | and development of lass | nt) t year our us month has | not cha | anged [2] | 2011 | 2012 | 2013 | |
| Time spa 2004 WEST EAST | 3b. Comp demand* or : | ion (appraisal ared to the sar sales volume [| and development and development of last in the previous 2007 | t year our us month has | not cha decre: 2009 | anged [2] ased [3] 2010 | | | | |







| No. | Name | | | Label | | | | Survey per | iod | Survey frequency |
|-------------|---------------|-----------------|-------------------------|----------------|------------------|-------------|------------|--------------|--------|---------------------------------------------------|
| 2.11) | dl_expecti | ous | expected busin | ness situation | for the next 6 i | months | East and V | est since 10 | 0/2004 | monthly survey |
| Wording | of question | | | | | | | | | |
| since 10/20 | 04 | | | | | | | | | Further information |
| | Information | about your ow | n company (do | mestic) | | | | | | Expected business situation for the next 6 months |
| | Current situa | tion (appraisal | and developme | nt) | | | | | | |
| | | | | | more favo | ourable [1] | | | | |
| | 8. During th | | ns our business : be | situation will | not cha | nging [2] | | | | |
| | | | | | less favo | urable [3] | | | | |
| Time spa | n of variable | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | |
| WEST | | | | | _ | | | | | |
| EAST | | | | | | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| WEST | _ | | | | | | | | | |
| EAST | | | | | | | | | | |

| | | | | | | | | Survey peri | | | |
|---------------|-----------------------|-----------------------|--------------|-----------------|-----------------|---------------|------------------|----------------|------|---------------------------|----------------|
| | | | | | | | | | | | |
| .2) | dl expectbus | sl e | expected com | mercial operati | ons (VAS) | | West since | 01/2017 | | | monthly survey |
| | | | | | | | East since (| | | | monthly survey |
| | | | | | | | | | | | |
| ording of | f question | | | | | | | | | | |
| | | | | | | | | | | Further information | |
| ce 01/2017 | • | | | | | | | | | | |
| pectations f | for the next 6 mont | ths | | | | | | | | Expected commercial (VAS) | |
| cyclical rega | ards our state of bus | siness for X\ | Y will be | | | | | | | | |
| | | | , | | | | | | | antina anti- | |
| | 0- be rather less fa | avourable | | 50-stay abo | | | 100-rather mo | ore favourable | | online only | |
| | O De lattier 1855 18 | a.Jurabie | | Jo-stay abor | ac are same | | 100-lattici IIIC | avourable | | | |
| | | | | | | | | | | | |
| | Other than the vari | riable 2.11) c | dl_comexp th | ne expected co | mmercial is rat | ed based on a | visual analog s | cale | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| me span | of variable | | | | | | | | | | |
| | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| me span o | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| 1980 | 1981 | | | | | | | | | | |
| | 1981 | 1982 | 1983 1993 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| 1980 | 1981 | | | | | | | | | | |
| 1980 | 1981 | | | | | | | | | | |
| 1980 | 1981 | | 1993 | | 1995 | 1996 | 1997 | | | | |
| 1980 | 1981 | | | | | | | | | | |
| 1980 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 1980 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 1980 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 1980 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |

| Control of Controls Part | Part Series Part Series Serie | No. | Name | | | Label | | | | , , | riod | | Survey frequency |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------|-----------------------------------------|------------------------------|------------------------------|------------------------------------|----------------------|----------------------|---------------------|------------------|
| Supplies | 1970 | 2.13) | dl_expectb | ous_clicks | expected com | imercial opera | tions (clicks) | | | | | | |
| ### 1996 1996 1996 1996 2013 2014 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 | Superior | Time spar | n of variable | | | | | | | | | | |
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| 149 | 139 | | | | | | | | | | | | |
| 149 | 139 | | | | | | | | | | | | |
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| 9. During the next 3 months the prices for our services will be not changing [2] | 9. During the next 3 months the prices for our services will be not changing [2] | Time spar 1980 1990 2000 2010 No. | n of variable 1981 1991 2001 Name dl_pricenee of question | 1982 1982 1992 2002 | 1983 1993 2003 2013 | 1984 1994 2004 2014 Label | m/seasonal 1985 1995 2005 | 1986 | 1987 1987 1997 2007 2017 WEST EAST | 1998 2008 2018 | 1999 2009 2019 | Further information | monthly survey |
| 9. During the next 3 months the prices for our services will be not changing [2] | 9. During the next 3 months the prices for our services will be not changing [2] | Time spar 1980 1990 2000 2010 No. | n of variable 1981 1991 2001 2011 Name dl_pricene of question 1981 | 1982 1982 1992 2002 2012 | 1983 1993 2003 2013 prices for the | 1984 1994 2004 2014 Label next 3 months | m/seasonal 1985 1995 2005 | 1986 | 1987 1987 1997 2007 2017 WEST EAST | 1998 2008 2018 | 1999 2009 2019 | Further information | monthly survey |
| will be | will be not changing (2) | Time spar 1980 1990 2000 2010 No. | n of variable 1981 1991 2001 2011 Name dl_pricene of question 1981 | 1982 1982 1992 2002 2012 | 1983 1993 2003 2013 prices for the | 1984 1994 2004 2014 Label next 3 months | m/seasonal 1985 1995 2005 | 1986 | 1987 1987 1997 2007 2017 WEST EAST | 1998 2008 2018 | 1999 2009 2019 | Further information | monthly survey |
| wii de | wiii de | Time spar 1980 1990 2000 2010 No. | n of variable 1981 1991 2001 2011 Name dl_pricene of question 1981 | 1982 1982 1992 2002 2012 | 1983 1993 2003 2013 prices for the | 1984 1994 2004 2014 Label next 3 months | m/seasonal 1985 1995 2005 | 1986 1996 2006 | 1987 1987 1997 2007 2017 WEST EAST | 1998 2008 2018 | 1999 2009 2019 | Further information | monthly survey |
| | decreasing [3] | Time spar 1980 1990 2000 2010 No. | n of variable 1981 1991 2001 2011 Name dl_pricene of question 04 Information a Current situat | 1982 1992 2002 2012 xxt bbout your ow ion (appraisal | 1983 1993 2003 2013 prices for the | 1984 1994 2004 2014 Label next 3 months | m/seasonal 1985 1995 2005 | 1986 1996 2006 2016 | 1987 1987 1997 2007 2017 WEST EAST | 1998 2008 2018 | 1999 2009 2019 | Further information | monthly survey |

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

3. Special questions

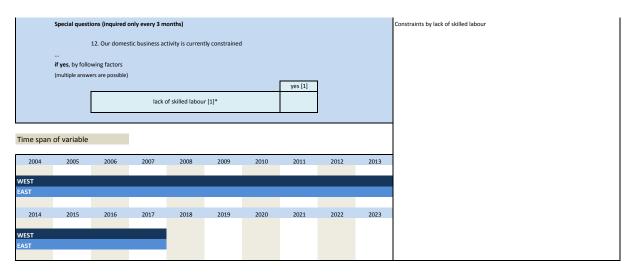
| 3.1) dl_constribus constraints to business activity East and West since 10/2004 incomplete incomple | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Since 10/2004 Special questions (inquired only every 3 months) yes [1] no [2] [3]: Conflict - here, "no" was chosen , but for a dl_lackdem to 3.8) dl_othrea), "yes" was cross Time span of variable 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST EAST | |
| Special questions (inquired only every 3 months) Special questions (inquired only every 3 months) 12. Our domestic business activity is currently constrained 12. Our domestic business activity is currently constrained Time span of variable 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST FAST | quired in Jan, Apr, July, C |
| Special questions (inquired only every 3 months) Special questions (inquired only every 3 months) 12. Our domestic business activity is currently constrained 12. Our domestic business activity is currently constrained Time span of variable 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST EAST | |
| Special questions (inquired only every 3 months) 12. Our domestic business activity is currently constrained 12. Our domestic business activity is currently constrained Time span of variable 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST EAST | |
| Ves [1] no [2] | |
| 12. Our domestic business activity is currently constrained d_lackdem to 3.8) dl_othrea), "yes" was cross Time span of variable 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST EAST | |
| 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST EAST | |
| 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST EAST | |
| 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 WEST EAST | |
| WEST EAST | |
| EAST | |
| | |
| 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | |
| 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 | |
| | |
| WEST | |
| EAST | |

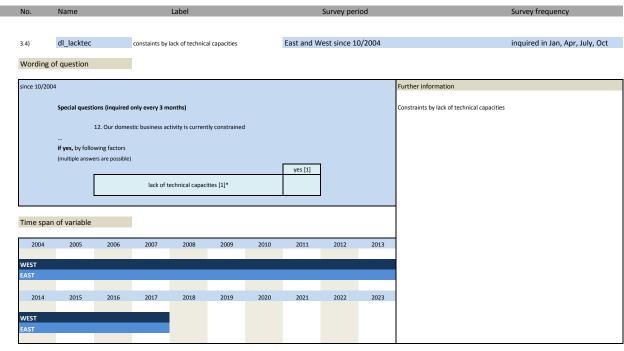
| 3.2) | dl_lackdem |) | constaints by | lack of demand | i | | East and W | est since 10 |)/2004 | inquired in Jan, Apr, July, O |
|-------------|-------------------|------------------|------------------|------------------|-----------------|------|------------|--------------|--------|-------------------------------|
| | | | | | | | | | | |
| Vording | of question | | | | | | | | | |
| ince 10/20 | 04 | | | | | | | | | Further information |
| | Special guestic | ons (inquired | only every 3 m | onths) | | | | | | Constraints by lack of demand |
| | | | | | | | | | | |
| | | 12. Our dome | stic business ac | tivity is curren | tly constrained | | | | | |
| | if yes, by follow | wing factors | | | | | | | | |
| | (multiple answe | ers are possible |) | | | | | 1 | | |
| | ſ | | | | | | yes [1] | | | |
| | | | lack of ord | lers, lack of de | mand [1]* | | | | | |
| | | | | | | | | | | |
| ime spa | n of variable | | | | | | | | | |
| | | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | |
| VEST | | | | | | | | | | |
| AST | | | | | | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| | | | | | | | | | | |
| VEST AST | | | | | | | | | | |
| ASI | | | | | | | | | | |

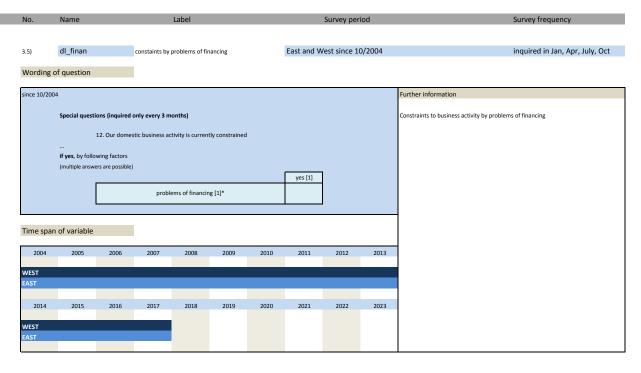
Survey period

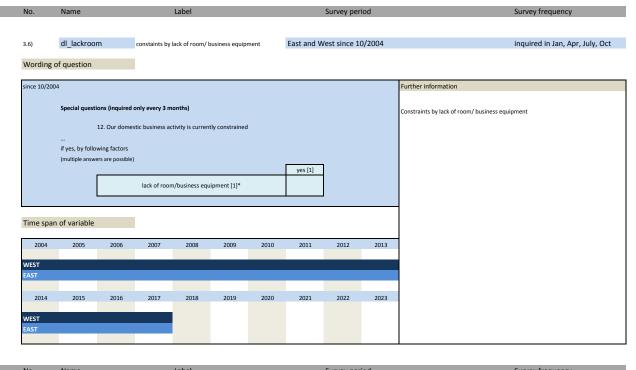
Survey frequency

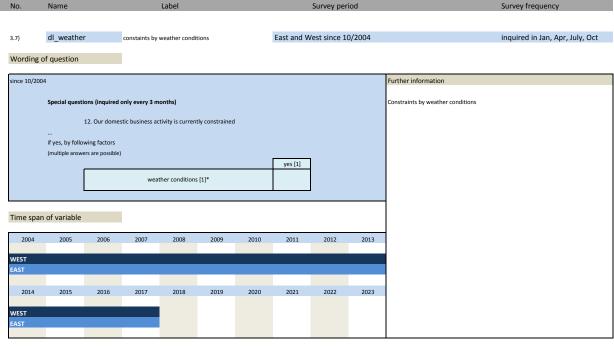
| No. | Name | Label | Survey period | Survey frequency |
|-------------|-------------|--------------------------------------|-----------------------------|--------------------------------|
| | | | | |
| 3.3) | dl_mplack | constaints by lack of skilled labour | East and West since 10/2004 | inquired in Jan, Apr, July, Oc |
| Wording | of question | | | |
| | | | | |
| since 10/20 | 004 | | Further information | n |

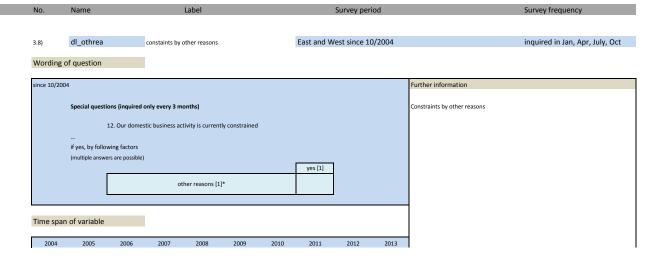


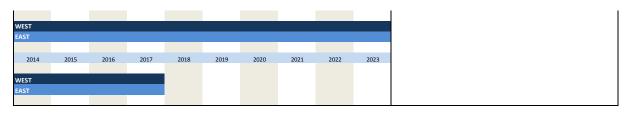






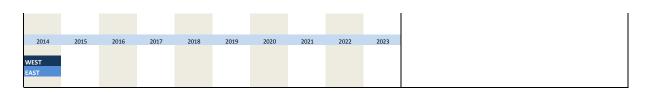






| | Name | | | Label | | | | Survey per | riod | | Survey frequency |
|--------------|----------------|---------------|--------------------------------------|-----------------|------|----------------|--------------|--------------|--------|--------------------------------|----------------------------|
| | | | | | | | | | | | |
| 3.9) | dl_kap1 | | potential of ex | isting capacity | , | | East and V | Vest since 0 | 4/2011 | | inquired in Jan, Apr, July |
| Mording | of question | | | | | | | | | | |
| wording | or question | | | | | | | | | | |
| since 04/201 | 11 | | | | | | | | | Further information | |
| | Special questi | ons (inquired | only every 3 m | onths) | | | yes [1] | no [2] |] | Potential of existing capacity | |
| | 13. Would yo | | e able to handle rrently existing | | | the capacities | | | | | |
| | | | | | | | | | | | |
| Time spar | n of variable | | | | | | | | | | |
| Time span | n of variable | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| | | 2006 | 2007 | 2008 | 2009 | 2010 | | 2012 | 2013 | | |
| | | 2006 | 2007 | 2008 | 2009 | 2010 | WEST | 2012 | 2013 | | |
| | | 2006 | 2007 | 2008 | 2009 | 2010 | | 2012 | 2013 | | |
| | | 2006 | 2007 | 2008 | 2009 | 2010 | WEST | 2012 | 2013 | | |
| 2004 | 2005 | | | | | | WEST EAST | | | | |

| No. | Name | | | Label | | | | Survey per | riod | | Survey frequency |
|--------------|----------------------------------|----------------|---------------------------|-----------------|-----------------|-----------------|-------------------|--------------|--------|-------------------------------------------|---------------------------------|
| | | | | | | | | | | | |
| 3.10) | dl_kap2 | | potential capa | acity expansion | n in % | | East and V | Vest since 0 | 4/2011 | | inquired in Jan, Apr, July, Oct |
| Wording o | of question | | | | | | | | | | |
| since 04/201 | 1 | | | | | | | | | Further information | |
| | Consist augest | ions (inquired | l only every 3 m | onths) | | | | | | Potential capacity expansion in percentag | • |
| | | | | | | | | | | Potential capacity expansion in percentag | e |
| | 13. Would yo company? | u currently be | able to handle | an increased d | lemand with th | e capacities c | urrently existing | g in your | | | |
| | | | | | | | | | | | |
| | if yes: | | | | | | | | | | |
| | We co | ould expand o | ur business acti | vity by | | % | | | 1 | | |
| | | | | | | | | | J | | |
| Fimo enar | of variable | | | | | | | | | | |
| | | | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| | | | | | | | WEST EAST | | | | |
| | | | | | | | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | |
| WEST EAST | | | | | | | | | | | |
| LAST | | | | | | | | | | | |
| | | | | | | | | | | | |
| No. | Name | | Label | | | | Survey per | riod | | | Survey frequency |
| 3.11) | dl_fambus | | family busine | ss | | | Fast and V | Vest 02/20: | 14 | | once |
| | | | , , , , , | | | | Lust und V | VC3C 02/20 | - | | Office |
| Wording (| of question | | | | | | | | | | |
| 02/2014 | | | | | | | | | | Further Information | |
| | | | | | | | | | | | |
|)) For resea | ch purposes? | | | | | | | | | | |
| | ion yourself as a company who | | ess? ital is held pred | ominately by o | one or more fan | nilies that are | connected) | | | | |
| | | yes[1] | | no[2] | | | | | | | |
| | | J,(-) | | | | | | | | | |
| | | | | | | | | | | | |
| Time spar | of variable | | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | |
| WEST | | | | | | | | | | | |
| EAST | | | | | | | | | | | |
| | | | | | | | | | | • | |
| No. | Name | | Label | | | | Survey per | riod | | | Survey frequency |
| | | | | | | | | | | | |
| 3.12) | dl_minim1 | | minimum wa | ge q1 | | | East and V | Vest 11/20: | 14 | | once |
| Wording o | of question | | | | | | | | | | |
| | | | | | | | | | | Further information | |
| 11/2014 | | | | | | | | | | | |
| | | | policy will be in | mplemented. | | | | | | | |
| is your con | npany affected l | by this? | | | | | | | | | |
| | | yes[1] | | no[2] | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Time spar | of variable | | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| | | | | | | | | | | | |



| | Name | Label | | | Survey peri | iod | | | Survey frequency |
|----------------|------------------------|-------------------------|---------------|----------------|-------------|------------|------|---------------------|------------------|
| | | | | | | | | | |
| 3.13) | dl_minim2 | minimum wa | ge q2 | | East and W | est 11/202 | 14 | | once |
| Wording | of question | | | | | | | | |
| | 4 | | | | | | | | |
| 11/2014 | | | | | | | | Further information | |
| 11/2014 | | | | | | | | | |
| | the general minimum v | vage policy will be imp | lemented. | | | | | | |
| Is your comp | pany affected by this? | | | | | | | | |
| | | | | | | | | | |
| | yes | | no | | | | | | |
| | | | | | | | | | |
| 2. If yes: Wit | th which measures will | you likely react to the | minimum wage? | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | [1] No | measures neccessary | or scheduled | | | | | | |
| | [1] No | measures neccessary | or scheduled | | | | | | |
| | [1] No | measures neccessary | or scheduled | | | | | | |
| Time spar | [1] No | measures neccessary | or scheduled | | | | | | |
| | n of variable | | | | | | | | |
| Time span | n of variable | measures neccessary | | 2009 2010 | 2011 | 2012 | 2013 | | |
| | n of variable | | | 2009 2010 | 2011 | 2012 | 2013 | | |
| | n of variable | | | 2009 2010 | 2011 | 2012 | 2013 | | |
| 2004 | n of variable | 2007 | 2008 2 | | | | | | |
| | n of variable | | 2008 2 | 2010 2010 2020 | 2011 | 2012 | 2013 | | |
| 2004 | n of variable | 2007 | 2008 2 | | | | | | |
| 2004 | n of variable | 2007 | 2008 2 | | | | | | |

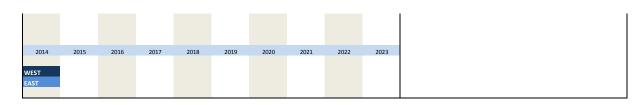
| No. | Name | | Label | | | | Survey per | iod | | | Survey frequency |
|-----------------|-------------------|------------------|------------------|--------------|------|------|------------|-------------|------|---------------------|------------------|
| | | | | | | | | | | | |
| 3.14) | dl_minim3 | | minimum wag | ge q3 | | | East and W | /est 11/201 | .4 | | once |
| Wording o | of question | | | | | | | | | | |
| | 4 | | | | | | | | | | |
| 11/2014 | | | | | | | | | | Further information | |
| 11/2014 | | | | | | | | | | | |
| | the general minin | | licy will be imp | lemented. | | | | | | | |
| is your comp | any anected by t | | | | | | | | | | |
| | | yes | | no | | | | | | | |
| | | yes | | 1 | | | | | | | |
| 2. If yes: With | h which measure | es will you like | ly react to the | minimum wage | :? | | | | | | |
| | | | | | | | | | | | |
| | | [1] personnel | cuts | | | | | | | | |
| | | | | | | | | | | | |
| Time snan | of variable | | ı | | | | | | | | |
| Time span | TOT VALIABLE | | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | |
| | | | | | | | | | | | |
| WEST EAST | | | | | | | | | | | |
| | | | | | | | | | | | |

| No. | Name | Label | Survey period | Survey frequency |
|---------|---------------|-----------------|-----------------------|------------------|
| | | | | |
| 3.15) | dl_minim4 | minimum wage q4 | East and West 11/2014 | once |
| | | | | |
| Wordin | g of question | | | |
| | | | Further info | ormation |
| 11/2014 | | | | |

| Is y | 01/01/2015 the general minimum wage policy will be implemented. Is your company affected by this? yes In o 2. If yes: With which measures will you likely react to the minimum wage? | | | | | | | | | | |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------|----------------|------|------|------|------|------|------|--|
| | | | [1] reduction (| or working nou | | | | | | | |
| | | of variable | | | | | | | | | |
| | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | |
| WE | | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |

| | Name | | Label | | | | Survey per | iod | | | Sur | vey frequency |
|---------------|-------------------|-----------------------------------|-------------------|--------------|------|------|------------|-------------|------|---------------------|-----|---------------|
| 3.16) | dl_minim5 | | minimum wag | ge q5 | | | East and W | /est 11/201 | 14 | ond | e | |
| Wording | of question | | | | | | | | | | | |
| 11/2014 | | | | | | | | | | Further information | | |
| | | | | | | | | | | | | |
| | the general minim | | licy will be imp | lemented. | | | | | | | | |
| | | | | | | | | | | | | |
| | у | ves | | no | | | | | | | | |
| | | | | | | | | | | | | |
| 2 16 145 | | | | | . 1 | | | | | | | |
| 2. If yes: Wi | th which measures | s will you like | ly react to the r | minimum wage | :? | | | | | | | |
| 2. If yes: Wi | | | | minimum wage | ? | | | | | | | |
| 2. If yes: Wi | | s will you like 1] increase in | | minimum wage | ? | | | | | | | |
| 2. If yes: Wi | | | | minimum wage | ? | | | | | | | |
| | | | | minimum wage | .? | | | | | | | |
| | [: | | | minimum wage | 2009 | 2010 | 2011 | 2012 | 2013 | | | |
| Time spa | r of variable | 1] increase in | n prices | | | 2010 | 2011 | 2012 | 2013 | | | |
| Time spa | r of variable | 1] increase in | n prices | | | 2010 | 2011 | 2012 | 2013 | | | |
| Time spa | n of variable | 1] increase in | 2007 | 2008 | 2009 | | | | | | | |
| Time spa | r of variable | 1] increase in | n prices | | | 2010 | 2011 | 2012 | 2013 | | | |
| Time spa | n of variable | 1] increase in | 2007 | 2008 | 2009 | | | | | | | |

| No. | Name | Label | | Survey per | iod | | | St | urvey frequency |
|-----------------|--------------------------------|-----------------------------------------|-----------|------------|------------|------|---------------------|----|-----------------|
| | | | | | | | | | |
| 3.17) | dl_minim6 | minimum wage q6 | | East and W | est 11/201 | .4 | | OI | nce |
| | • | | | | | | | | |
| Wording o | of question | | | | | | | | |
| | | | | | | | Further information | | |
| 11/2014 | | | | | | | | | |
| 01/01/2015 t | the general minimum wage po | olicy will be implemented. | | | | | | | |
| | any affected by this? | , , , , , , , , , , , , , , , , , , , , | | | | | | | |
| | | | | | | | | | |
| | yes | no | | | | | | | |
| | | | | | | | | | |
| 2. If yes: With | h which measures will you like | ely react to the minimum wage? | | | | | | | |
| | | | | | | | | | |
| | [1] reduction | of investment | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Time span | of variable | | | | | | | | |
| 2004 | 2005 2006 | 2007 2008 | 2009 2010 | 2011 | 2012 | 2013 | | | |
| | | | | | | | | | |



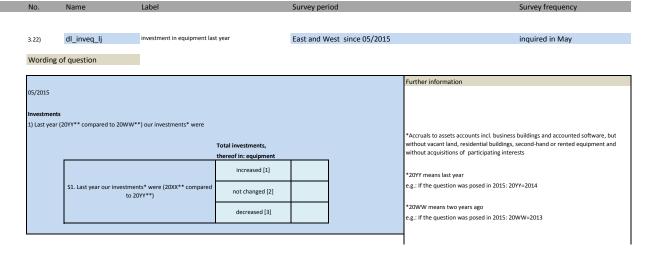
| | Name | | Label | | | | Survey per | iod | Survey frequ | uency | | |
|-------------------|---------------------|-----------------|------------------|--------------|------|------|------------|------------|--------------|---------------------|------|--|
| | | | | | | | | | | | | |
| 3.18) | dl_minim7 | | minimum wag | e q7 | | | East and W | est 11/201 | L4 | | once | |
| Wording | of question | | | | | | | | | | | |
| | | | | | | | | | | I | | |
| 11/2014 | | | | | | | | | | Further information | | |
| | | | | | | | | | | | | |
| | the general minimo | | icy will be imp | lemented. | | | | | | | | |
| | | | | | | | | | | | | |
| | ye | es | | no | | | | | | | | |
| | | • | | | | | | | | | | |
| | | | | | | | | | | | | |
| 2. If yes: Wit | th which measures | will you likel | y react to the r | minimum wage | ?? | | | | | | | |
| 2. If yes: Wit | th which measures | will you likel | y react to the r | minimum wage | ? | | | | | | | |
| 2. If yes: Wit | | | y react to the r | | e? | | | | | | | |
| 2. If yes: Wit | | | | | ≘? | | | | | | | |
| 2. If yes: Wit | | | | | e? | | | | | | | |
| | | | | | :? | | | | | | | |
| | [1 | | | | 2009 | 2010 | 2011 | 2012 | 2013 | | | |
| Time spar | [1 n of variable | 1] reduction c | of special paym | nents | | 2010 | 2011 | 2012 | 2013 | | | |
| Time spar | [1 n of variable | 1] reduction c | of special paym | nents | | 2010 | 2011 | 2012 | 2013 | | | |
| Time spai | n of variable | 1] reduction of | of special paym | 2008 | 2009 | | | | | | | |
| Time spar | [1 n of variable | 1] reduction c | of special paym | nents | | 2010 | 2011 | 2012 | 2013 | | | |
| Time spai | n of variable | 1] reduction of | of special paym | 2008 | 2009 | | | | | | | |
| Time spai 2004 | n of variable | 1] reduction of | of special paym | 2008 | 2009 | | | | | | | |

| No. | Name | | Label Survey period | | | | | | | | Survey frequency |
|-----------------|-------------------|-----------------|---------------------|--------------|------|------|------------|-------------|------|---------------------|------------------|
| 3.19) | dl_minim8 | | minimum wag | 5e q8 | | | East and W | Vest 11/201 | .4 | | once |
| Wording o | f question | | | | | | | | | | |
| 11/2014 | | | | | | | | | | Further information | |
| | ne general minim | num wage po | licv will be imp | lemented. | | | | | | | |
| | any affected by t | | , | | | | | | | | |
| | , | ves | | no | | | | | | | |
| 2 If yes: With | which measure: | | | | s? | | | | | | |
| Z. II yes. with | willcirilleasure | s will you like | iy react to the | minimum wage | ** | | | | | | |
| | [| 1] other | | | | | | | | | |
| | | | | | | | | | | | |
| Time span | of variable | | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | | |
| | | | | | | | | | | | |
| 204.4 | 2045 | 2045 | 2047 | 2040 | 2040 | 2020 | 2024 | 2022 | 2022 | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | | |
| WEST EAST | | | | | | | | | | | |
| | | | | | | | | | | l | |

| No. | Name | Label | Survey period | Survey frequency |
|---------|---------------|----------------------------|-----------------------------|------------------|
| | | | | |
| 3.20) | dl_invest_lj | total investment last year | East and West in 04/2005 | inquired once |
| | | | East and West since 05/2006 | inquired in May |
| Wording | g of question | | | |
| | | | | |
| April | ⊥ Ma | ay | Further inform | ation |

| 2005 | | since 2006 | | | | | | | | |
|-----------|------------------|---------------|----------------|-------------|---------|-----------|------|------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | | | | | Development of investments last year compared to the year before |
| | Special questi | on investment | ts | | | | | | | |
| | (only in May and | November) | | | | | | | | *Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and |
| | | | | | increa | sed [1] | | | | without acquisitions of participating interests |
| | S1. Last year | | ts* were (20XX | ** compared | not cha | nged [2] | | | | "20XX" means last year |
| | | to 20 | YY**) | | not thu | ingeo (2) | | | | Example: if the question was posed in May 2009, "20XX"="2008". |
| | | | | | decrea | ised [3] | | | | "20YY" means two years ago |
| | | | | | | | | _ | | Example: if the question was posed in May 2009, "20YY"="2007". |
| | | | | | | | | | | - , , |
| | | | | | | | | | | |
| | | | | | | | | | | Until 2015 the special questions 3.20) invest_lj, 3.23) invest_dj |
| | | | | | | | | | | and 3.26) invest_nj were expressed by 2 variables with different |
| | | | | | | | | | | wording and meaning of the question depending on whether it was posed |
| Time spar | of variable | | | | | | | | | in May or November: |
| | | | | | | | | | | A variable about (past) investments referred to the previous year if |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | asked in May, and it referred to the current year in November. |
| | _ | | | | | | | | | A variable about expected investments that referred to the current year |
| | WEST | | | | | | | | | in May and to the upcoming year in November. |
| | EAST | | | | | | | | | Since 2015 these 2 variables are replaced by 3, referring to the past, |
| | | | | | | | | | | the current and the upcoming year respectively. |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | For previous years the old investment special questions are recoded |
| | | | | i | | | | | | such that they are constructed in the same way they are from 2015 on |
| WEST | | | | | | | | | | |
| EAST | | | | | | | | | | |
| | | | | | | | | | | |

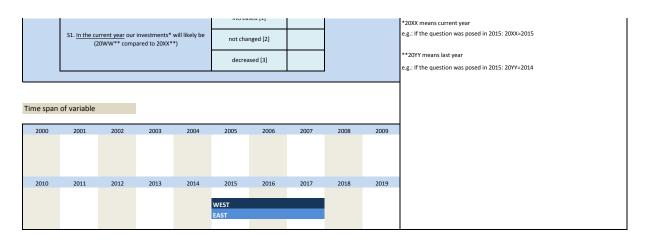
| No. | Name | | Label | | | | Survey per | riod | | Survey frequency |
|----------------|---------------|-------------|---------------------------|--------------------------|---------------|----------|------------|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | | | | | | |
| 3.21) | dl_invcon_ | lj | investment in | construction la | ist year | | East and V | Vest since 0 | 5/2015 | inquired in May |
| Wording o | of question | | | | | | | | | |
| 05/2015 | | | | | | | | | | Further information |
| 05/2015 | | | | | | | | | | |
| Investments | | | | | | | | | | |
| 1) Last year (| 20YY** compan | ed to 20WW* | *) our investme | ents* were | | | | | | *************************************** |
| | | | | | Total investm | | | | | *Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests |
| | | | | | increa | sed [1] | | | | *20YY means last year |
| | S1. Last year | | nts* were (20XX DYY**) | (** compared | not cha | nged [2] | | | | e.g.: If the question was posed in 2015: 20YY=2014 |
| | | | | | decrea | sed [3] | | | | *20WW means two years ago e.g.: If the question was posed in 2015: 20WW=2013 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Time span | of variable | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2013 2014 2015 2016 2017 | | | | | | |
| | | | | | WEST | | | | | |
| | | | | | EAST | | | | | |
| | | | | | | | | | | 1 |



| Time span | of variable | | | | | | | | |
|-----------|-------------|------|------|------|------|------|------|------|------|
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
| | | | | | | | | | |
| | | | | | WEST | | | | |
| | | | | | EAST | | | | |
| | | | | | | | | | |

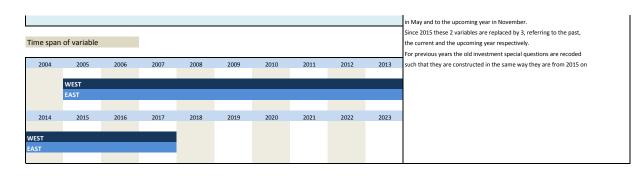
| No. | Name | | | Label | | | | Survey perio | od | Survey frequency |
|--------------|------------------------------------|------------|-------------------------------------|--------------|-------------|---------|------------|--------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3.23) | dl_invest_d | dj į | total investme | nt this year | | | East and W | est since 05 | /2006 | inquired in May, November |
| Wording o | of question | | | | | | | | | |
| April | + | May | | | | | | | | Further information |
| 2005 | Special questi | since 2006 | ıts | | | | | | | Development of Investments in the current year compared to the previous |
| | (only in May and | | | | | | | | | *Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and |
| | | | | | increas | e [1] | | | | without acquisitions of participating interests |
| | | | ur investments* pared to 20XX** | | not chan | ge [2] | | | | "20WW" means current year |
| | | | | | decreas | e [3] | | | | Example: If the question was posed in November 2009, "20WW"="2009". |
| | vember 5 - 2008 | | | | | | | | | "20XX" means last year |
| 2000 | | | | | | | | | | Example: if the question was posed in May 2009, "20XX"="2008". |
| | Special questi (only in May and | | its | | | | | | | |
| | | | | | increase | e [1] | | | | Until 2015 the special questions 3.20) invest_lj, 3.23) invest_dj and 3.26) invest_nj were expressed by 2 variables with different wording and meaning of the question depending on whether it was posed |
| | | | ur investments* | | stay the sa | ıme [2] | | | | wording and meaning of the question depending on whether it was posed in May or November: A variable about (past) investments referred to the previous year if |
| | | | | | decreas | se[3] | | | | asked in May, and it referred to the current year in November. A variable about expected investments that referred to the current year |
| Nov | rember | | May | | | | | | | in May and to the upcoming year in November. Since 2015 these 2 variables are replaced by 3, referring to the past, |
| | e 2009 | + | since 2015 | | | | | | | the current and the upcoming year respectively. |
| | Special questi (only in May and | | its | | | | | | | For previous years the old investment special questions are recoded such that they are constructed in the same way they are from 2015 on |
| | | | | | increase | d [1] | | | | |
| | | | r investments* i pared to 20XX** | | not chang | ged [2] | | | | |
| | | | | | decrease | ed [3] | | | | |
| Time | of voci-li | | | | | | | | | |
| | of variable | | | | | | | | | |
| 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | |
| | WEST EAST | | | | | | | | | |
| 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | |
| WEST EAST | | | | | | | | | | |
| | | | | | | | | | | |

| No. | Name | Label | Survey period | Survey frequency |
|---------|----------------------------|------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | |
| 3.24) | dl_invcon_dj | investment in construction this year | East and West since 05/2015 | inquired in May/November |
| Wording | g of question | | | |
| N | lovember + | May since 2015 | | Further information |
| | Special question investme | nts | | |
| | (only in May and November) | | | |
| | | Total investments, thereof in: construction | | *Accruals to assets accounts incl. business buildings and accounted software, bu without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests |



No. Name Label Survey frequency dl_inveq_dj investment in equipment this year East and West since 05/2015 inquired in May/November 3.25) Wording of question November Further information since 2015 Special question investments (only in May and November) *Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests thereof in: equipment increased [1] *20XX means current year S1. <u>In the current year</u> our investments* will likely be (20WW** compared to 20XX**) e.g.: If the question was posed in 2015: 20XX=2015 not changed [2] *20YY means last year decreased [3] e.g.: If the question was posed in 2015: 20YY=2014 Time span of variable 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST

Survey frequency Survey period 3.26) dl_invest_nj total investment next year East and West since 11/2006 inquired in November Wording of question Further information since 2006 evelopment of Investments in the current year compared to the previous Special question investments Total investments (only in May and November) *Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests increase [1] S2. Next year our investments* will likely (20NN** compared to 20WW**) not change [2] "20NN" means next year decrease [3] Example: if the question was posed in November 2009, "20NN"="2010". "20WW" means current year since 2015 Example: If the question was posed in November 2009, "20WW"="2009". Special question investments Total investments (only in May and November) Until 2015 the special questions 3.20) invest_lj, 3.23) invest_dj and 3.26) invest_nj were expressed by 2 variables with different increased [1] wording and meaning of the question depending on whether it was posed S2. Next year our investments* will likely be (20NN** in May or November: not changed [2] compared to 20WW**) A variable about (past) investments referred to the previous year if sked in May, and it referred to the current year in November. decreased [3] A variable about expected investments that referred to the current year



| No. | Name | | Label | | | | Survey per | iod | | Survey frequency |
|--------------------|-------------------------------------------------------------|-----------|---------------------------------|----------------|--------------------------------------------------------|-----------------------|------------|-------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3.27) Wording o | dl_invcon_ | nj | investment in | construction i | next year | | East and W | est since 1 | 1/2015 | inquired in November |
| | ember e 2015 Special questi (only in May and S2. Next yea | November) | ents* will likely to 20WW**) | be (20NN** | Total investm thereof in: co increa: not chai | nstruction sed [1] | | | | *Accruals to assets accounts incl. business buildings and accounted software, but without vacant land, residential buildings, second-hand or rented equipment and without acquisitions of participating interests ** "20NN" means next year Example: if the question was posed in November 2009, "20NN"="2010". |
| Time span | of variable | | | | | | | | | "20WW" means current year |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | Example: If the question was posed in November 2009, "20WW"="2009". |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 WEST EAST | 2016 | 2017 | 2018 | 2019 | |

Survey frequency

| 8) | dl_inveq_n | j | investment in | equipment ne | xt year | | East and V | Vest since 1 | 1/2015 | inquired in November |
|----------|------------------|-----------|---------------------------------|--------------|---------------------------------|----------|------------|--------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ording c | of question | | | | | | | | | |
| | ember | | | | | | | | | Further information |
| since | e 2015 | | | | | | | | | |
| | Special questi | | ts | | | | | | | |
| | (only in May and | November) | | | Total investm thereof in: eq | | | | | |
| | | | | | | sed [1] | |] | | *Accruals to assets accounts incl. business buildings and accounted software, t without vacant land, residential buildings, second-hand or rented equipment a without acquisitions of participating interests |
| | S2. Next yea | | ents* will likely to 20WW**) | be (20NN** | not cha | nged [2] | | | | ** |
| | | | | | decrea | ased [3] | | | | "20NN" means next year |
| | | | | | | | | _ | | Example: if the question was posed in November 2009, "20NN"="2010". |
| ne span | of variable | | | | | | | | | "20WW" means current year |
| | | | | | | | | | | Example: If the question was posed in November 2009, "20WW"="2009". |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | |
| | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | |
| | | | | | WEST | | | | | |
| | | | | | EAST | | | | | |

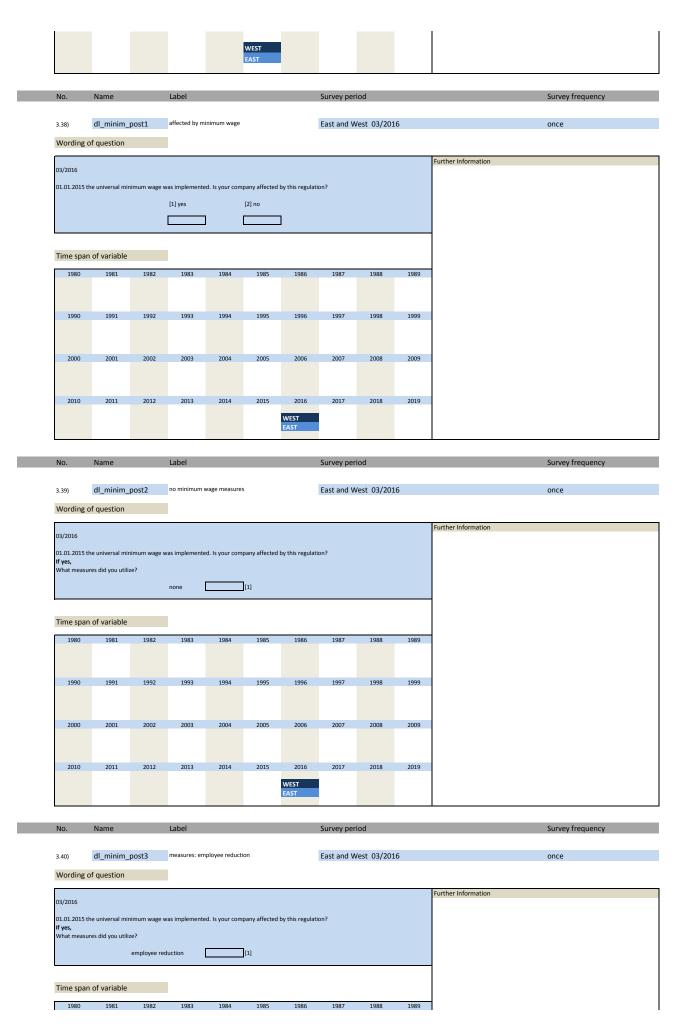
No. Name Label Survey period

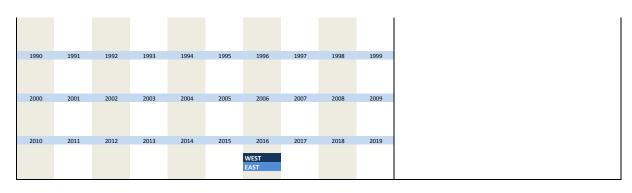
| No. | Name | Label | Survey period | Survey frequency |
|--------|---------------|---------------------|-----------------------|------------------|
| | | | | |
| 3.29) | dl_ref1 | refugees question 1 | East and West 12/2015 | once |
| Wordin | g of question | | | |

| I1 How large | | | | | | | | | | | |
|------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------|------------------|-------------------------------------------------------|---------------------|------------------------------|----------------------------|------|---------------------|--------------------------|
| 2. How large (| do you assess t | ne potential o | of asylum seeker [1] small | s to be empl | oyed in the follo | wing position | 5 <i>f</i> | | | | |
| | trainees | | | | | | | | | | |
| | | | | | | | | | | | |
| Time span | of variable | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| | | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | WEST EAST | | | | | | |
| | | | | | | | | | | | |
| No. | Name | | Label | | | | Survey per | iod | | | Survey frequency |
| 3.30) | dl_ref2 | | refugees ques | tion 2 | | | East and W | /est 12/201 | 15 | | once |
| Wording o | of question | | | | | | | | | | |
| 12/2015 | | | | | | | | | | Further Information | |
| | do you assess ti | he potential o | of asylum seeker | s to be empl | oyed in the follo | wing positions | i? | | | | |
| | | | [1] small | | [2] large | | | | | | |
| | unskilled aid v | vorkers | | | | | | | | | |
| | | | | | | | | | | | |
| Time span | of variable | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | | | 2000 | | |
| | | | | | | 2000 | 2007 | 2008 | 2009 | | |
| | | | | | | 2000 | 2007 | 2008 | 2009 | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2008 | 2019 | | |
| 2010 | 2011 | | | | | | | | | | |
| 2010 | 2011 | | | | 2015 WEST | | | | | | |
| 2010 No. | 2011 Name | | | | 2015 WEST | | | 2018 | | | Survey frequency |
| No. | | | 2013 | 2014 | 2015 WEST | | 2017 | 2018 iod | 2019 | | Survey frequency once |
| No. | Name dl_ref3 | | 2013 Label | 2014 | 2015 WEST | | 2017 Survey per | 2018 iod | 2019 | | |
| No. | Name dl_ref3 | | 2013 Label | 2014 | 2015 WEST | | 2017 Survey per | 2018 iod | 2019 | Further Information | |
| No. 3.31) Wording o | Name dl_ref3 of question | 2012 | 2013 Label refugees ques | 2014 tition 3 | 2015 WEST | 2016 | 2017 Survey per East and W | 2018 iod | 2019 | Further Information | |
| No. 3.31) Wording o | Name dl_ref3 of question | 2012 | 2013 Label refugees ques | 2014 tition 3 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod | 2019 | Further Information | |
| No. 3.31) Wording o | Name dl_ref3 of question | 2012 | 2013 Label refugees ques | 2014 tition 3 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod | 2019 | Further Information | |
| No. 3.31) Wording o 12/2015 1. How large o | Name dl_ref3 of question do you assess the skilled worker | 2012 | 2013 Label refugees ques | 2014 tition 3 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod | 2019 | Further Information | |
| No. 3.31) Wording o 12/2015 1. How large o | Name dl_ref3 of question do you assess the skilled worker of variable | 2012 the potential of | 2013 Label refugees ques of asylum seeker [1] small | 2014 tion 3 | 2015 WEST EAST oyed in the follor [2] large | 2016 | Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| No. 3.31) Wording o 12/2015 1. How large o | Name dl_ref3 of question do you assess the skilled worker | 2012 | 2013 Label refugees ques | 2014 tition 3 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod | 2019 | Further Information | |
| No. 3.31) Wording o 12/2015 1. How large o | Name dl_ref3 of question do you assess the skilled worker of variable | 2012 the potential of | 2013 Label refugees ques of asylum seeker [1] small | 2014 tion 3 | 2015 WEST EAST oyed in the follor [2] large | 2016 | Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| No. 3.31) Wording o 12/2015 1. How large o | Name dl_ref3 of question do you assess the skilled worker of variable | 2012 the potential of | 2013 Label refugees ques of asylum seeker [1] small | 2014 tion 3 | 2015 WEST EAST oyed in the follor [2] large 2005 | 2016 | Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| No. 3.31) Wording o 12/2015 1. How large o Time span | Name dl_ref3 of question do you assess the skilled worker of variable | 2012 the potential of s 2002 | Label refugees ques of asylum seeker [1] small | 2014 tition 3 | 2015 WEST EAST oyed in the follow [2] large 2005 | 2016 wing position: | Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |

| Wording o | | | | | | | Last and V | /est 12/201 | .5 | | once |
|---------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------|----------------------|-------------------------------------------------|---------------------|----------------------------------|----------------------------|------|---------------------|--------------------------|
| | of question | | | | | | | | | | |
| | | | | | | | | | | Further Information | |
| 12/2015 | | | | | | | | | | | |
| 1. How large | do you assess t | he potential o | of asylum seeker | s to be empl | oyed in the follow | wing position: | s? | | | | |
| | | | [1] small | | [2] large | | | | | | |
| | leading position | ane. | | | | | | | | | |
| | leading position | ons | | | | | | | | | |
| | | | | | | | | | | | |
| Time span | of variable | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | WEST | | | | | | |
| | | | | | EAST | | | | | | |
| | | | | | | | | | | <u> </u> | |
| No. | Name | | Label | | | | Survey per | iod | | | Survey frequency |
| | | | | | | | -,,,- | | | | ., ., ., |
| 3.33) | dl_ref5 | | refugees ques | tion 5 | | | East and W | /est 12/201 | .5 | | once |
| Wording | of question | | | | | | | | | | |
| wording | or question | | | | | | | | | | |
| 12/2015 | | | | | | | | | | Further Information | |
| | | | | | | | | | | | |
| 1. How large | do you assess ti | ne potential o | of asylum seeker | s to be empl | oyed in the follow | ving position: | 5? | | | | |
| | | | [1] small | | [2] large | | | | | | |
| | other position | S | | | | | | | | | |
| | | | | | | | | | | | |
| Time cnar | | | | | | | | | | | |
| | of variable | | | | | | | | | | |
| | of variable | | | | | | | | | | |
| 2000 | of variable 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| | | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| 2000 | 2001 | | | | | | | | | | |
| | | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| 2000 | 2001 | | | | 2015 WEST | | | | | | |
| 2000 | 2001 | | | | 2015 | | | | | | |
| 2000 | 2001 | | | | 2015 WEST | | | | | | |
| 2000 | 2001 | | | | 2015 WEST | | | 2018 | | | Survey frequency |
| 2000 | 2001 | | 2013 | | 2015 WEST | | 2017 | 2018 | | | Survey frequency |
| 2000 2010 No. | 2001 | | 2013 | 2014 | 2015 WEST | | 2017 Survey per | 2018 | 2019 | | Survey frequency once |
| 2000 2010 No. | 2001 2011 Name | | 2013 Label | 2014 | 2015 WEST | | 2017 Survey per | 2018 iod | 2019 | | |
| 2000 2010 No. | 2001 2011 Name | | 2013 Label | 2014 | 2015 WEST | | 2017 Survey per | 2018 iod | 2019 | Further Information | |
| 2000 2010 No. | 2001 2011 Name | | 2013 Label | 2014 | 2015 WEST | | 2017 Survey per | 2018 iod | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c | 2001 2011 Name dl_ref6 of question | 2012 | 2013 Label refugees ques | 2014 ttion 6 | 2015 WEST | 2016 | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c | 2001 2011 Name dl_ref6 of question | 2012 | 2013 Label refugees ques | 2014 ttion 6 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c | 2001 2011 Name dl_ref6 of question | 2012 | 2013 Label refugees ques asylum seekers [1] little | 2014 ttion 6 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c | 2001 2011 Name dl_ref6 of question | 2012 | 2013 Label refugees ques asylum seekers [1] little | 2014 ttion 6 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c | 2001 2011 Name dl_ref6 of question | 2012 | 2013 Label refugees ques asylum seekers [1] little | 2014 ttion 6 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c | 2001 2011 Name dl_ref6 of question | 2012 | 2013 Label refugees ques asylum seekers [1] little | 2014 ttion 6 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c 12/2015 2. how much | 2001 2011 Name dl_ref6 of question labor law-rela | 2012 co employing ted provision: | 2013 Label refugees ques asylum seekers [1] little | 2014 do you consi | 2015 WEST EAST der the following [2] much | 2016 | Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c | 2001 2011 Name dl_ref6 of question | 2012 | 2013 Label refugees ques asylum seekers [1] little | 2014 ttion 6 | 2015 WEST EAST | 2016 | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c 12/2015 2. how much | 2001 2011 Name dl_ref6 of question labor law-rela | 2012 co employing ted provision: | 2013 Label refugees ques asylum seekers [1] little | 2014 do you consi | 2015 WEST EAST der the following [2] much | 2016 | Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 No. 3.34) Wording C 12/2015 2. how much | 2001 2011 Name dl_ref6 of question labor law-rela of of variable 2001 | 2012 co employing ted provisions | 2013 Label refugees ques asylum seekers [1] little s | 2014 do you consi | der the following [2] much | 2016 factors to be | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording c 12/2015 2. how much | 2001 2011 Name dl_ref6 of question labor law-rela | 2012 co employing ted provision: | 2013 Label refugees ques asylum seekers [1] little | 2014 do you consi | 2015 WEST EAST der the following [2] much 2005 | 2016 | Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |
| 2000 2010 No. 3.34) Wording C 12/2015 2. how much | 2001 2011 Name dl_ref6 of question labor law-rela of of variable 2001 | 2012 co employing ted provisions | 2013 Label refugees ques asylum seekers [1] little s | 2014 do you consi | der the following [2] much | 2016 factors to be | 2017 Survey per East and W | 2018 iod /est 12/201 | 2019 | Further Information | |

| No. | Name | Labe | el | | | Survey per | od | | | Survey frequency |
|------------|------------------------|-----------------|-------------------|--------------------|------------------|-------------------|-------------|------|---------------------|------------------|
| 3.35) | dl_ref7 | refug | ees question 7 | | | East and W | 'est 12/201 | 5 | | once |
| | of question | | | | | | | | | |
| | • | | | | | | | | Further Information | |
| 12/2015 | | | | | | | | | | |
| 2. how muc | ch of an obstacle to e | mploying asylum | seekers do you co | nsider the followi | ng factors to be | e in your branch: | | | | |
| | | | [1] little | | [2] much | | | | | |
| | unfit level of quali | ification | | | | | | | | |
| | | | | | | | | | | |
| Time spa | in of variable | | | | | | | | | |
| 2000 | 2001 | 2002 2 | 2003 2004 | 1 2005 | 2006 | 2007 | 2008 | 2009 | | |
| | | | | | | | | | | |
| 2010 | 2011 | 2012 2 | 2013 2014 | 1 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | WEST | | | | | | |
| | | | | EAST | | | | | | |
| | | | | | | | | | | |
| No. | Name | Labe | el | | | Survey per | od | | | Survey frequency |
| 3.36) | dl_ref8 | refug | ees question 8 | | | East and W | est 12/201 | 5 | | once |
| Wording | of question | | | | | | | | | |
| | | | | | | | | | Further Information | |
| 12/2015 | | | | | | | | | | |
| 2. how muc | ch of an obstacle to e | | | | ng factors to be | e in your branch: | | | | |
| | | [1] lit | tie | [2] much | ٦ | | | | | |
| | minimum wage | | | | _ | | | | | |
| Time sna | n of variable | | | | | | | | | |
| 2000 | 2001 | 2002 2 | 2003 2004 | 1 2005 | 2006 | 2007 | 2008 | 2009 | | |
| 2000 | 2002 | 2002 | 2003 | 2003 | 2000 | 2007 | 2000 | 2003 | | |
| | | | | | | | | | | |
| 2010 | 2011 | 2012 2 | 2013 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | WEST | | | | | | |
| | | | | | | | | | | |
| No. | Name | Labe | el | | | Survey per | od | | | Survey frequency |
| | | | | | | | | | | |
| 3.37) | dl_ref9 | refug | ees question 9 | | | East and W | 'est 12/201 | 5 | | once |
| Wording | of question | | | | | | | | | |
| 12/2015 | | | | | | | | | Further Information | |
| 2. how muc | ch of an obstacle to e | mploying asylum | seekers do you co | nsider the followi | ng factors to be | e in your branch: | | | | |
| | | [1] lit | tle | [2] much | | | | | | |
| | lack of language s | ikills | | |] | | | | | |
| | | | | | | | | | | |
| Time spa | n of variable | | | | | | | | | |
| 2000 | 2001 | 2002 2 | 2003 2004 | 1 2005 | 2006 | 2007 | 2008 | 2009 | | |
| | | | | | | | | | 1 | |
| | | | | | | | | | | |
| 2010 | 2011 | 2012 2 | 2013 2014 | 1 2015 | 2016 | 2017 | 2018 | 2019 | | |





| No. | Name | | Label | | | | Survey peri | iod | | | Survey frequency | |
|-----------------------------|---------------------|--------------|----------------|----------------|---------------|--------------------|-------------|------------|------|---------------------|------------------|--|
| | | | | | | | | | | | | |
| 3.41) | dl_minim_l | post4 | measures: wo | rking hour red | uction | | East and W | est 03/201 | .6 | | once | |
| Wording | of question | | | | | | | | | | | |
| | | | | | | | | | | Further Information | | |
| 03/2016 | | | | | | | | | | | | |
| | the universal min | imum wage w | ras implemente | d. Is your com | pany affected | by this regulation | on? | | | | | |
| f yes, What measu | ıres did you utiliz | e? | | | | | | | | | | |
| | | working hour | reduction | | [1] | | | | | | | |
| | | g noui | reduction | | 1-1 | | | | | | | |
| | | | | | | | | | | | | |
| Time spar | n of variable | | | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | | |
| | | | | | | WEST | | | | | | |
| | | | | | | | | | | | | |

| No. | Name | | Label | | | | Survey per | iod | | Survey frequency | |
|-----------------|--------------------|----------------|---------------|----------------|---------------|--------------------|------------|-------------|------|---------------------|---|
| | | | | | | | | | | | |
| 3.42) | dl_minim_ | post5 | measures: inc | reased prices | | | East and W | Vest 03/201 | .6 | once | |
| Wording o | of question | | | | | | | | | | |
| | | | | | | | | | | Further Information | _ |
| 03/2016 | | | | | | | | | | Further information | |
| 01.01.2015 th | he universal min | nimum wage w | as implemente | d. Is your com | pany affected | by this regulation | on? | | | | |
| If yes, | res did you utiliz | - | | | | | | | | | |
| vviiat illeasui | | | | | le.s | | | | | | |
| | | increased pric | ces | | [1] | | | | | | |
| | | | | | | | | | | | |
| Time span | of variable | | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | | WEST | | | | | |
| | | | | | | EAST | | | | | |
| | | | | | | | | | | | |

 No.
 Name
 Label
 Survey period
 Survey frequency

 3.43)
 dl_minim_post6
 measures: decreased investment
 East and West 03/2016
 once

 Wording of question

| 03/2016 | | | | | | | | | | | |
|--------------|--------------------------|---------------|----------------|----------------|---------------|--------------------|------|------|------|--|--|
| 03/2016 | | | | | | | | | | | |
| 01.01.2015 t | he universal min | nimum wage w | ras implemente | d. Is your com | nany affected | by this regulation | nn? | | | | |
| If yes, | ic dinversal iiii | minam wage w | us implemente | a. 15 your com | pany anecica | by this regulation | J | | | | |
| | easures did you utilize? | | | | | | | | | | |
| | | | | | _ | | | | | | |
| | | decreased inv | restment | | [1] | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| T: | -£:- - - | | | | | | | | | | |
| rime spar | of variable | | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| 1560 | 1501 | 1502 | 1703 | 1504 | 1505 | 1580 | 1507 | 1700 | 1303 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2003 | 2000 | 2007 | 2008 | 2003 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | | | | | | | |
| | | | | | | WEST | | | | | |
| | | | | | | EAST | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| No. | Name | | Label | | | | Survey per | iod | | | Survey frequency |
|-----------------------|---------------------|---------------|----------------|-----------------|---------------|--------------------|------------|-------------|------|---------------------|------------------|
| | | | | | | | | | | | |
| 3.44) | dl_minim_ | post7 | measures: de | creased special | payments | | East and W | /est 03/201 | .6 | | once |
| Wording | of question | | | | | | | | | | |
| | | | | | | | | | | Further Information | |
| 03/2016 | | | | | | | | | | | |
| | the universal mir | nimum wage w | vas implemente | d. Is your com | pany affected | by this regulation | on? | | | | |
| If yes, What measu | ures did you utili: | ze? | | | | | | | | | |
| | decresed spec | cial payments | | | [1] | | | | | | |
| | | , , , | | | | | | | | | |
| | | | | | | | | | | | |
| Time spar | n of variable | | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | | WEST | | | | | |
| | | | | | | EAST | | | | | |
| | | | | | | | | | | | |

| 3.45) | dl_minim_ | post8 | less minijobs | | | | East and W | /est 03/201 | .6 |
|--------------|-------------------|---------------|----------------|----------------|---------------|--------------------|------------|-------------|------|
| Wording | of question | | | | | | | | |
| | | | | | | | | | |
| 03/2016 | | | | | | | | | |
| 01.01.2015 t | the universal mir | nimum wage w | vas implemente | d. Is your com | pany affected | by this regulation | on? | | |
| Has there be | een a change in e | employment ir | n your company | ? | | | | | |
| | less minijobs | | | | [1] | | | | |
| | | | | | | | | | |
| Timo sna | n of variable | | | | | | | | |
| | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
| | | | | | | | | | |
| 1000 | 1001 | 1003 | 1003 | 1004 | 1005 | 1005 | 1007 | 1000 | 1000 |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
| | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
| | | | | | | | | | |
| | | | | | | | | | |

Survey period

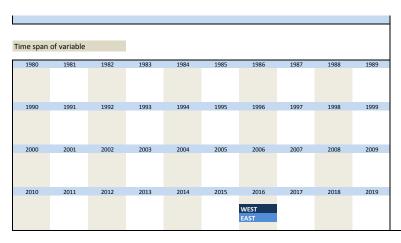
No. Name Label



| | Name | | Label | | | | Survey per | iod | | | | Survey frequency |
|--------------|-------------------|---------------|----------------|-----------------|----------------|----------------------|--------------|-------------|--------------|---------------------|---|------------------|
| | | | | | | | | | | | | |
| 3.46) | dl_minim_ | post9 | minijobs trans | formed into in | surable emple | oyment | East and W | /est 03/201 | 16 | | | once |
| Wording | of question | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 03/2016 | | | | | | | | | | Further Information | 1 | |
| 01 01 2015 | the universal mir | imum wago w | as implements | ud. Is wour com | nany affected | by this regulati | nn2 | | | | | |
| | | | | | pariy arrected | by this regulati | OII: | | | | | |
| Has there be | een a change in e | employment ir | your company | ? | | | | | | | | |
| | minijobs were | transformed | into insurable | [1] | | | | | | | | |
| | employment | | | [±] | | | | | | | | |
| | | | | | | | | | | - | | |
| | | | | | | | | | | | | |
| Time spar | n of variable | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| 1980 | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| 1980 | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| 1980 1990 | | 1982 | 1983 | 1984 | 1985 1995 | 1986 1996 | 1987 1997 | 1988 | 1989 1999 | | | |
| | 1981 | | | | | | | | | | | |
| | 1981 | | | | | | | | | | | |
| | 1981 | | | | | | | | | | | |
| 1990 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| 1990 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| 1990 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| 1990 | 1981 | 1992 | 1993 | 1994 | 1995 2005 | 1996 2006 2016 | 1997 2007 | 1998 | 1999 | | | |
| 1990 | 1981 | 1992 | 1993 | 1994 | 1995 2005 | 1996 | 1997 2007 | 1998 | 1999 | | | |

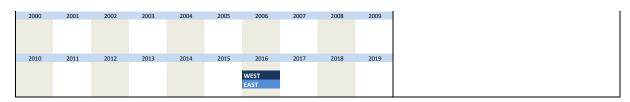
| No. | Name | | Label | | | | Survey per | iod | | | Survey frequenc |
|--------------|------------------------|---------------|----------------|----------------|---------------|----------------------|------------|-------------|------|---------------------|-----------------|
| | | | | | | | | | | | |
| 3.47) | dl_minim_ _l | post10 | new insurable | employment | | | East and W | /est 03/201 | .6 | | once |
| | | | | | | | | | | | |
| Nording o | of question | | | | | | | | | | |
| | | | | | | | | | | Further Information | |
| 3/2016 | | | | | | | | | | | |
| 1.01.2015 t | he universal min | imum wage w | ras implemente | d. Is your com | pany affected | by this regulation | on? | | | | |
| las there he | en a change in e | mnlovment in | vour company | > | | | | | | | |
| ias there be | en a change in e | impioyment in | your company | • | _ | | | | | | |
| | new insurable | employment | was | [1] | | | | | | | |
| | generated | | | [-] | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Time span | of variable | | | | | | | | | | |
| ime span | of variable | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| 1980 | 1981 | | | | | | | | | | |
| | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| 1980 | 1981 | | | | | | | | | | |
| 1980 | 1981 | | | | | | | | | | |
| 1980 | 1981 | | | | | | | | | | |
| 1980 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 1980 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 1980 | 1981 1991 2001 | 1992 | 1993 2003 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 1980 | 1981 | 1992 | 1993 | 1994 | 1995 | 1996 2006 2016 | 1997 | 1998 | 1999 | | |
| 1980 | 1981 1991 2001 | 1992 | 1993 2003 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |

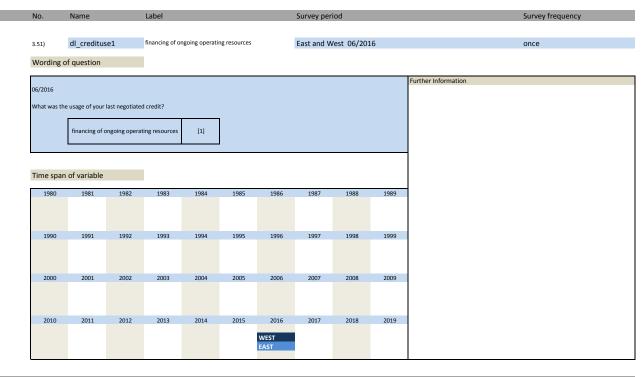
| No. | Name | Label | Survey period | | Survey frequency |
|----------|--------------------------------|---------------------------------|--------------------------------|----------------|------------------|
| | | | | | |
| 3.48) | dl_minim_post11 | employment relationships did n | ot change East and West 03 | 3/2016 | once |
| Wordi | ng of question | | | | |
| | | | | Further Inform | nation |
| 03/2016 | i | | | | |
| 01.01.20 | 015 the universal minimum wage | was implemented. Is your compan | y affected by this regulation? | | |
| Has the | re been a change in employment | in your company? | | | |
| | employment relationships | did not change [1] | | | |



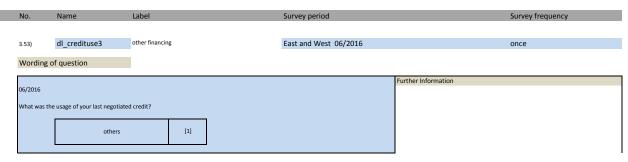
| | Name | | Label | | | | Survey per | iod | | | Survey to | requency |
|--------------|----------------------|-----------------|-----------------|------------------|--------------|--------------|--------------|------------|--------------|----------------------|-----------|----------|
| | | | | | | | | | | | | |
| 3.49) | dl_creditye | !S | credit agreem | ent signed | | | East and W | est 06/201 | .6 | | once | |
| Wording | of question | | | | | | | | | | | |
| | | | | | | | | | | Further Information | | |
| 06/2016 | | | | | | | | | | Tartifer information | | |
| Have you sig | ned one or more | e credit agreer | nents with ban | ks during the la | st 12 months | , | | | | | | |
| | dits, debt restru | | | | | | | | | | | |
| Yes: | | | | | | | | | | | | |
| | | | | | | | ı | | | | | |
| | | | expected, wor | | | | | | | | | |
| | | | as expected, lo | | | | | | | | | |
| | | [4] lower amo | ount and worse | conditions tha | n expected | | | | | | | |
| | | | | | | | | | | | | |
| Time snar | of variable | | ı | | | | | | | | | |
| | of variable | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | - | | |
| Time spar | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| • | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| 1980 | 1981 | | | | | | | | | | | |
| • | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| 1980 | 1981 | | | | | | | | | | | |
| 1980 | 1981 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| 1980 | 1981 | | | | | | | | | | | |
| 1980 | 1981 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| 1980 | 1981 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| 1980 | 1981 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| 1980 | 1981 1991 2001 | 1992 | 1993 | 1994 | 1995 2005 | 1996 2006 | 1997 2007 | 1998 | 1999 2009 | | | |
| 1980 | 1981 1991 2001 | 1992 | 1993 | 1994 | 1995 2005 | 1996 | 1997 2007 | 1998 | 1999 2009 | | | |

| | Name | _ | Label | | | | Survey per | iou | | | | Survey frequency |
|--------------|----------------------|-----------------------------------|-------------------|----------------|---------------|------|------------|-------------|------|--------------------|---|------------------|
| | | | | | | | | | | | | |
| .50) | dl_creditno | С | redit agreemen | nt not signed | | | East and W | est 06/201/ | .6 | | | once |
| | | | | | | | | | | | | |
| Vording o | of question | | | | | | | | | | | |
| | | | | | | | | | | Further Informatio | n | |
| 6/2016 | | | | | | | | | | | | |
| lave vou sie | ned one or more c | credit agreeme | ents with banks | during the las | st 12 months? | | | | | | | |
| | edits, debt restruct | | | | | | | | | | | |
| o, because: | | | | | | | | | | | | |
| o, because: | • | | | | | | | | | | | |
| | | 1] no need | | | | | | | | | | |
| | | 2] unacceptabl 3] denied by ba | | | | | | | | | | |
| | | | | | | | | | | | | |
| | [4 | 4] no realistic p | prospect of a cre | edit | | | | | | | | |
| | | 4] no realistic p | prospect of a cre | edit | | | | | | | | |
| ime spar | [4 n of variable | 4] no realistic p | prospect of a cre | edit | | | | | | | | |
| Time spar | | 4] no realistic p | prospect of a cre | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| | n of variable | | | | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| | n of variable | | | | 1985 | 1986 | 1987 | 1988 | 1989 | - | | |
| 1980 | n of variable | 1982 | 1983 | 1984 | | | | | | | | |
| | n of variable | | | | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| 1980 | n of variable | 1982 | 1983 | 1984 | | | | | | | | |
| 1980 | n of variable | 1982 | 1983 | 1984 | | | | | | | | |





| 3.52) dl_credituse2 financing of an investment East and West 06/2016 once Wording of question 06/2016 What was the usage of your last negotiated credit? financing of an investment [1] Time span of variable 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 | ce |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Wording of question 06/2016 What was the usage of your last negotiated credit? financing of an investment [1] Time span of variable | ıe |
| 06/2016 What was the usage of your last negotiated credit? financing of an investment [1] Time span of variable | |
| 06/2016 What was the usage of your last negotiated credit? financing of an investment [1] Time span of variable | |
| What was the usage of your last negotiated credit? financing of an investment [1] Time span of variable | |
| financing of an investment [1] Time span of variable | |
| Time span of variable | |
| 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 | |

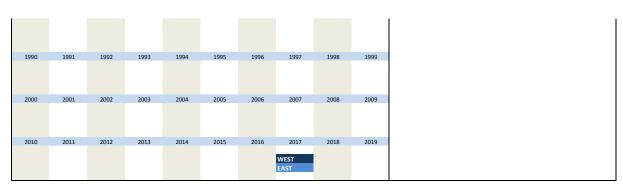


| Time span | of variable | | | | | | | | |
|-----------|-------------|------|------|------|------|------|------|------|------|
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 |
| | | | | | | | | | |
| | | | | | | | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 |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

| | Name | | Label | | | | Survey per | iod | | | Survey frequency |
|-------------|----------------|---------------|----------------|--------------|--------------|------|--------------|-------------|--------------|---------------------|------------------|
| | | | | | | | | | | | |
| 3.54) | dl_midman | ager | mid tier: more | than 4 manag | gers | | East and W | /est 08/201 | 16 | | once |
| Wording | of question | | | | | | | | | | |
| | | | | | | | | | | Further Information | |
| 08/2016 | | | | | | | | | | | |
| mid tier | | | | | | | | | | | |
| Does your o | ompany have mo | re than 4 mai | nagers? | | | | | | | | |
| | | yes [1] | | | no [2] | |] | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Time spa | n of variable | | | | | | | | | | |
| 1980 | 1981 | 1982 | | | | | | | | | |
| 1300 | 1301 | | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| 1990 | 1001 | | | | | | | | | | |
| 1990 | 1991 | 1992 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 1999 | | |
| 1990 | 1991 | | | | | | | | | | |
| | | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 1990 | 1991 | | | | | | | | | | |
| | | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 2000 | 2001 | 1992 | 1993 | 1994 | 1995 2005 | 1996 | 1997 2007 | 1998 | 1999 | | |
| | | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 2000 | 2001 | 1992 | 1993 | 1994 | 1995 2005 | 1996 | 1997 2007 | 1998 | 1999 | | |

| No. | Name | | Label | | | | Survey per | riod | | | Survey frequency |
|---------------|----------------|---------------|------------------|--------------|---------------|------|------------|-------------|------|---------------------|------------------|
| 3.55) | dl midmar | nshare | mid tier: at lea | st one manag | er has shares | | East and W | Vest 08/201 | .6 | | once |
| | _ | | | | | | | | | | |
| Nording o | f question | | | | | | | | | | |
| | | | | | | | | | | Further Information | |
| 08/2016 | | | | | | | | | | | |
| mid tier | | | | | | | | | | | |
| Does at least | one of your ma | nagers hold s | hares of your co | mpany? | | | | | | | |
| | | yes [1] | | | no [2] | | 1 | | | | |
| | | , | | , | | | • | | | | |
| | | | | | | | | | | - | |
| | | | | | | | | | | | |
| Time span | of variable | | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | | WEST | | | | | |
| | | | | | | EAST | | | | | |
| | | | | | | | | | | - | |
| | | | | | | | | | | <u> </u> | |
| | Manage - | | 1 - 1 - 1 | | | | C | | | | C |

| 3.56) | | | | | | | | | | |
|-------------------------------------------------------------------------|-------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------|----------------------|--------------|----------------------|------------------------------------|----------------------|----------------------|-------------------------------------------|
| Wording o | f question | | | | | | | | | |
| | | | | | | | | | | Further Information |
| 08/2016 | | | | | | | | | | |
| mid tier | ite your compan | | | | | | | | | |
| would you ra | | | er" company? | | | | _ | | | |
| | , | yes [1] | | | no [2] | | J | | | |
| | | | | | | | | | | |
| _ | | | | | | | | | | |
| | of variable | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | |
| | | | | | | | | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | |
| 1550 | 1551 | 1552 | 1553 | 1554 | 1555 | 1990 | 1557 | 1996 | 1555 | |
| | | | | | | | | | | |
| 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 peri | od | | Survey frequency |
| 3.57) | dl_credit2_ | 1 | credit seeking | | | | East and W | est since (| 3/2017 | March, June, September, |
| | | - | | | | | Last and W | est since t | 3,201, | maien, sane, september, |
| Wording o | f question | | | | | | | | | |
| 03/2017 | | | | | | | | | | Further Information |
| | | | | | | | | | | |
| redit allocat | ion | | | | | | | | | |
| credit allocat We had credi | i ion t talks with bank | s during the I | ast 3 months | | | | | | | |
| | | | | | | 7 ras | | | | |
| | | | ast 3 months | | | [2] no | | | | |
| We had credi | t talks with bank | | | | | [2] no | | | | |
| We had credi | | | | | | [2] no | | | | |
| We had credi | t talks with bank | | | 1984 | 1985 | [2] no | 1987 | 1988 | 1989 | |
| We had credi | t talks with bank | | [1] yes | 1984 | 1985 | | 1987 | 1988 | 1989 | |
| We had credii Time span 1980 | of variable | 1982 | [1] yes | | | 1986 | | | | |
| We had credi | t talks with bank | | [1] yes | 1984 | 1985 | | 1987 1997 | 1988 | 1989 | |
| We had credii Time span 1980 | of variable | 1982 | [1] yes | | | 1986 | | | | |
| Time span 1980 | of variable 1981 1991 | 1982 | 1983 1993 | 1994 | 1995 | 1986 1996 | 1997 | 1998 | 1999 | |
| We had credii Time span 1980 | of variable | 1982 | [1] yes | | | 1986 | | | | |
| Time span 1980 | of variable 1981 1991 | 1982 | 1983 1993 | 1994 | 1995 | 1986 1996 | 1997 | 1998 | 1999 | |
| Time span 1980 | of variable 1981 1991 | 1982 | 1983 1993 | 1994 | 1995 | 1986 1996 | 1997 | 1998 | 1999 | |
| Time span 1980 1990 2000 | of variable 1981 1991 2001 | 1982 | 1983 1993 2003 | 1994 | 1995 | 1986 1996 2006 | 1997 | 1998 | 1999 | |
| Time span 1980 1990 2000 | of variable 1981 1991 2001 | 1982 | 1983 1993 2003 | 1994 | 1995 | 1986 1996 2006 | 1997 2007 2017 | 1998 | 1999 | |
| Time span 1980 1990 2000 | of variable 1981 1991 2001 | 1982 | 1983 1993 2003 | 1994 | 1995 | 1986 1996 2006 | 1997 2007 2017 WEST | 1998 | 1999 | |
| Time span 1980 1990 2000 | of variable 1981 1991 2001 | 1982 | 1983 1993 2003 | 1994 | 1995 | 1986 1996 2006 | 1997 2007 2017 WEST | 1998 2008 2018 | 1999 | Survey frequency |
| Time span 1980 1990 2000 | of variable 1981 1991 2001 Name | 1982 1992 2002 2012 | 1983 1993 2003 2013 | 1994 2004 2014 | 1995 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | |
| Time span 1980 1990 2000 2010 | of variable 1981 1991 2001 Name dl_credit2_ | 1982 1992 2002 2012 | [1] yes 1983 1993 2003 | 1994 2004 2014 | 1995 | 1986 1996 2006 | 1997 2007 2017 WEST EAST | 1998 2008 2018 | 1999 2009 2019 | Survey frequency March, June, September, |
| Time span 1980 1990 2000 2010 | of variable 1981 1991 2001 Name | 1982 1992 2002 2012 | 1983 1993 2003 2013 | 1994 2004 2014 | 1995 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | |
| Time span 1980 1990 2000 2010 No. 3.58) | of variable 1981 1991 2001 Name dl_credit2_ | 1982 1992 2002 2012 | 1983 1993 2003 2013 | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | |
| Ve had credii Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 Name dl_credit2_f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |
| Ve had credii Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 Name dl_credit2_f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 Label | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |
| Ve had credii Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 Name dl_credit2_ f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 Label | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |
| Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 2011 Name dl_credit2_ f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 Label credit allocatio | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |
| Ve had credii Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 2011 Name dl_credit2_ f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 Label credit allocatio | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |
| Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 2011 Name dl_credit2_ f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 Label credit allocatio | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |
| Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 2011 Name dl_credit2_ f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 Label credit allocatio | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |
| Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 2011 Name dl_credit2_ f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 Label credit allocatio | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |
| Time span 1980 1990 2000 2010 No. 3.58) Wording o | of variable 1981 1991 2001 2011 Name dl_credit2_ f question | 1982 1992 2002 2012 | 1983 1993 2003 2013 Label credit allocatio ast 3 months lyes [1] accomodati [2] normal | 1994 2004 2014 | 1995 2005 | 1986 1996 2006 | 2007 2017 WEST EAST Survey peri | 1998 2008 2018 | 1999 2009 2019 | March, June, September, |



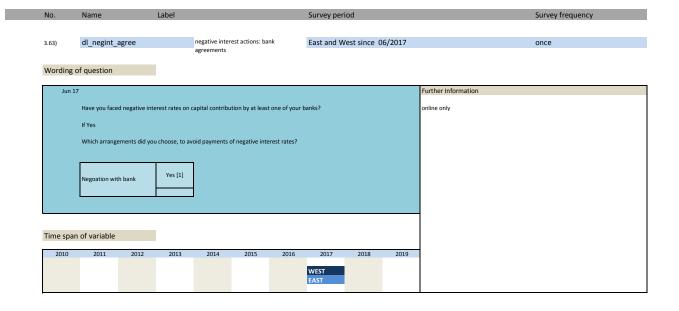
| | Name | | Label | | | | Survey peri | od | | | Survey frequency |
|--------------|----------------------|------|-----------------|-----------------|------|------|--------------|-------------|--------------|---------------------|-------------------------------|
| 3.59) | dl_credit2_3 | | reasons for no | t credit seekin | g | | East and W | est since 0 | 3/2017 | | March, June, September, Decem |
| Wording | of question | | | | | | | | | | |
| 03/2017 | | | | | | | | | | Further Information | |
| redit alloca | | | | | | | | | | | |
| Ve had cre | dit talks with banks | | | | | | | | | | |
| | | | no | | | | | | | | |
| | | | [1] no need | | | | | | | | |
| | | | [2] other reaso | ons | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Time spa | n of variable | | | | | | | | | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | |
| | | | | | | | | | 1303 | | |
| | | | | | | | | | 1505 | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 2007 | 1998 | | | |
| | | | | | | | | | 1999 | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 1999 2009 | | |
| | | | | | | | | | 1999 | | |

| No. | Name | | Label | | | | Survey per | iod | | | Survey frequency | |
|--------------|-------------------|----------------|----------------|-----------------|--------------|-------|------------|-------------|--------|---------------------|------------------|--|
| | | | | | | | | | | | | |
| .60) | dl_exports | | exporting serv | ices to foreign | companies/pe | rsons | East and W | est since 0 | 4/2017 | | once | |
| Nording o | of question | | | | | | | | | | | |
| | | | | | | | | | | Further Information | | |
| 4/2017 | | | | | | | | | | ruttier information | | |
| oes vour fir | rm export service | s to foreign o | ompanies/pers | ons? | | | | | | | | |
| , | | | | | | | | | | | | |
| | | | | [1] yes | | | | | | | | |
| | | | | [2] no | | | | | | | | |
| | | | | | 6.1. | | | | | | | |
| | | | | [3] not custon | | 1 | | | | | | |
| | | | | [4] no stateme | ent possible | | | | | | | |
| | | | | | | | | | | | | |
| | of variable | | | | | | | | | | | |
| | | | | | | | | | | _ | | |
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | | | |
| | | | | | | | | | | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | | | |
| | | | | | | | | | | | | |
| 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | | |
| | | | | | | | | | | I | | |



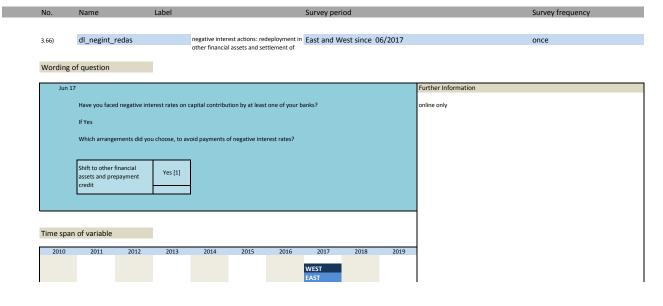
| No. | Name | | Label | | | | Survey peri | od | | | Survey frequency |
|----------|----------------|-----------------|------------------|-----------------|------------------|-------------|--------------|-------------|---------|---------------------|------------------|
| | | | | | abai: i-a | | 5 | | C (2047 | | |
| 3.61) | dl_negint | | | confronted wi | th negative int | erest rates | East and W | est since 0 | 6/2017 | | once |
| Wording | g of question | | | | | | | | | | |
| Jun | 17 | | | | | | | | | Further Information | |
| | Have you face | d negative inte | erest rates on o | apital contribu | tion by at least | one of your | banks? | | | online only | |
| | | | Yes [1] | No [2] | | | | | | | |
| | | | | | | | | | | | |
| Time spa | an of variable | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | | | WEST EAST | | | | |
| | | | | | | | | | | | |

| No. | Name | Label | | | | Survey peri | od | | Survey frequency |
|---------|---------------------------------------|------------------------|--------------------|-----------------------|------------|-------------|-------------|--------|---------------------|
| | | | | | | | | | |
| 3.62) | dl_negint_no | act | negative inte | rest actions: none | | East and W | est since 0 | 6/2017 | once |
| | | | | | | | | | |
| Wording | g of question | | | | | | | | |
| Jun | 17 | | | | | | | | Further Information |
| | Have you faced no | negative interest rate | on capital contrib | ution by at least one | of your ba | inks? | | | online only |
| | If Yes | | | | | | | | |
| | | ents did you choose, | to avoid navments | of possitive interest | rator2 | | | | |
| | willen arrangeme | ents dia you choose, | to avoid payments | or negative interest | iates: | | | | |
| | | | | | | | | | |
| | na arrangements interest rate acce | | .] | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Time sp | an of variable | | | | | | | | |
| 2010 | 2011 | 2012 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | |
| | | | | | | WEST | | | |
| | | | | | | | | | |



| | Name | Label | | | Survey per | iod | | | Survey frequency |
|-----------|-----------------------------------|------------------------|-----------------------|------------------------------|------------|--------------|---------|---------------------|------------------|
| | | | | | | | | | |
| 3.64) | dl_negint_c | hange | negative inte | est actions: change of bar | East and V | Vest since (| 06/2017 | | once |
| | | | | | | | | | |
| Wording o | of question | | | | | | | | |
| Jun 17 | - | | | | | | | Further Information | |
| Jun 17 | | | | | | | | Further information | |
| | Have you faced | negative interest rate | s on capital contribu | ition by at least one of you | ır banks? | | | online only | |
| | If Yes | | | | | | | | |
| | Which arranger | ments did you choose, | to avoid payments | of negative interest rates? | | | | | |
| | | | | | | | | | |
| | Change to anot | her bank, Yes [| ., | | | | | | |
| | which does not negative intere | require | 1] | | | | | | |
| | | ,,,,, | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Time span | of variable | | | | | | | | |
| 2010 | 2011 | 2012 201 | 3 2014 | 2015 2016 | 2017 | 2018 | 2019 | | |
| | | | | | WEST | | | | |
| | | | | | EAST | | | | |
| | | | | | | | | | |

| No. | Name | Lat | bel | | | Survey perio | od | | | Survey frequency |
|--------|----------------|----------------------|-------------------------|----------------------------|-----------|--------------|-------------|--------|---------------------|------------------|
| 3.65) | dl_negint_ | inc | negative i | nterest actions: increase | of cash | East and We | est since 0 | 6/2017 | | once |
| Wordin | g of question | | | | | | | | | |
| Jui | n 17 | | | | | | | | Further Information | |
| | Have you face | ed negative interest | t rates on capital cont | ribution by at least one | of your b | anks? | | | online only | |
| | If Yes | | | | | | | | | |
| | Which arrang | ements did you cho | oose, to avoid payme | nts of negative interest r | ates? | | | | | |
| | Higher cash ra | atio | Yes [1] | | | | | | | |
| | an of variable | | 2013 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| 2010 | 2011 | 2012 | 2013 2014 | 2015 | | | 2018 | 2019 | | |
| | | | | | | WEST | | | | |



| | | | | | Survey peri | | | | Survey frequency |
|-------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------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| dl_negint_reda | asint | negative inte | rest actions: recompany | deployment c | of East and W | | once | | |
| of question | | | | | | | | | |
| 17 | | | | | | | | Further Information | |
| Have you faced ne | gative interest rates o | n capital contrib | ution by at leas | t one of your | banks? | | | online only | |
| If Yes | | | | | | | | | |
| Which arrangemen | nts did you choose, to | avoid payments | of negative inte | erest rates? | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| n of variable | | | | | | | | | |
| 2011 | 2012 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | WEST EAST | | | | |
| | r of question 17 Have you faced ne If Yes Which arrangements or other segments of company an of variable | Have you faced negative interest rates o If Yes Which arrangements did you choose, to Rearrangements of funds to other segments of the company Yes [1] | assets within 17 Have you faced negative interest rates on capital contribution If Yes Which arrangements did you choose, to avoid payments Rearrangements of funds to other segments of the company Arrangements of the company | assets within company of question 17 Have you faced negative interest rates on capital contribution by at leas if Yes Which arrangements did you choose, to avoid payments of negative interest rates on capital contribution by at leas if Yes Which arrangements of funds to other segments of the company Yes [1] | assets within company of question 17 Have you faced negative interest rates on capital contribution by at least one of your lifyes Which arrangements did you choose, to avoid payments of negative interest rates? Rearrangements of funds to other segments of the company Yes [1] | The second secon | assets within company of question 17 Have you faced negative interest rates on capital contribution by at least one of your banks? If Yes Which arrangements did you choose, to avoid payments of negative interest rates? Rearrangements of funds to other segments of the company on of variable 2011 2012 2013 2014 2015 2016 2017 2018 WEST | assets within company of question 17 Have you faced negative interest rates on capital contribution by at least one of your banks? If Yes Which arrangements did you choose, to avoid payments of negative interest rates? Rearrangements of funds to other segments of the company on of variable 2011 2012 2013 2014 2015 2016 2017 2018 2019 WEST | The second secon |

| No. | Name | Lat | oei - | | | | Survey peri | oa | | | Survey frequency |
|-----------|-------------------------------------|---------------------|------------|-----------------|--------------------|---------------|--------------|-------------|--------|---------------------|------------------|
| | | | | | | | | | | | |
| 3.68) | dl_negint_i | nv | | | est actions: inve | | East and W | est since C | 6/2017 | | once |
| | | | | preponing (ad | ditional) investr | nents | | | | | |
| Wording o | of question | | | | | | | | | | |
| | | | | | | | | | | | |
| Jun 17 | 7 | | | | | | | | | Further Information | |
| | Have you faced | d negative interest | rates on c | apital contribu | tion by at least (| one of your l | banks? | | | online only | |
| | If Yes | | | | | | | | | | |
| | Which arrange | ments did you cho | nse to av | nid navments o | of negative inter | est rates? | | | | | |
| | | ,,,,,,, | , | , | | | | | | | |
| | | | | | | | | | | | |
| | (Early) conduct (additional) inv | | Yes [1] | | | | | | | | |
| | (| | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Time span | of variable | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | | | WEST EAST | | | | |
| | | | | | | | LAST | | | | |
| | | | | | | | | | | | |

| 3.69) | dl_negint_oth | negative interest actions: other | East and West since 06/2017 | once |
|----------------|-------------------------------------|----------------------------------------------------|-----------------------------|---------------------|
| Wording Jun | g of question | | | Further Information |
| | Have you faced negative interest ra | ates on capital contribution by at least one of yo | ur banks? | online only |
| | Which arrangements did you choos | se, to avoid payments of negative interest rates? | • | |
| | Other: please specify Ye | s [1] | | |
| Time spa | an of variable | | | |

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

| No. | Name | | Label | | | | Survey peri | iod | | | Survey frequency |
|---------|-----------------|----------------|---------------------------|-----------------|----------------------------------|----------------|--------------|-------------|--------|---------------------|------------------|
| 3.70) | dl_negint_b | ourden | | burden of neg | gative interest r | ates on profit | East and W | est since (| 6/2017 | | once |
| Wordin | g of question | | | | | | | | | | |
| Ju | n 17 | | | | | | | | | Further Information | |
| | Negative intere | est rates have | a negative imp | oact on our rev | enues | | | | | online only | |
| | | | highly significant [1] | | negiligible or not at all [3] | | | | | | |
| | | | | | | | | | | | |
| Time sp | oan of variable | | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | |
| | | | | | | | WEST EAST | | | | |

| No. | Name | | Label | | | | Survey peri | od | | Survey frequency |
|---------|-----------------|-----------------|---------------|---------------|----------------|-------|-------------|-------------|--------|---------------------|
| 3.71) | dl_negint_banks | | | number of rel | ationship bank | s | East and W | est since 0 | 6/2017 | once |
| Wording | g of question | | | | | | | | | |
| Jun | 17 | | | | | | | | | Further Information |
| | How many m | ain banks do yo | ou use? | | | | | | | online only |
| | If No | | | | | | | | | |
| | How many ba | nks do you nar | me youre main | bank? | | | | | | |
| | | 0 [0] | 1 [1] | 2 [2] | 3 [3] | 4 [4] | More than 4 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Time sp | an of variable | | | | | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | |
| | | | | | | | WEST | | | |
| | | | | | | | EAST | | | |