

Name of collection: Šetření o využívání ICT v podnikatelském sektoru České republiky 2006 (ICT 5-01), Survey on ICT Use in the Czech Business Sector 2006 (ICT 5-01)

<p>Nature of collection If possible, use the classification of collection types shown above e.g. <i>ICT use collection – business</i>. For “other” collections, provide details e.g. <i>Other ICT collection – ISPs</i>.</p>	<p>ICT use collection – Business</p>
<p>Collection agency</p>	<p>Czech Statistical Office</p>
<p>General references to collection material Metadata, questionnaires etc</p>	
<p>Survey basis or vehicle E.g. Labour Force supplement, standalone survey, administrative byproduct data</p>	<p>Stand-alone.</p>
<p>Frequency of collection</p>	<p>Annual</p>
<p>Collection history Reference dates and/or periods from the first to the latest collection</p>	<p>Since reference year 2002</p>
<p>Whether collection is mandatory or voluntary</p>	<p>Mandatory</p>
<p>Scope and coverage of collection Target population in terms of size, industry, population groups etc</p>	<p>Economic Activity: NACE Section D; NACE Section E, NACE Section F; NACE Section G; NACE Groups 55.1 and 55.2; NACE Section I; NACE Section J, NACE Section K and NACE Divisions 92 and 93 were covered.</p> <p>Enterprise size: Enterprises with 5 and more persons employed were covered and the following breakdown of enterprise size classes was used</p> <p>5-9 persons employed 10-49 persons employed 50-249 persons employed 250+ persons employed</p> <p>Geographic scope: All the territory of the country was covered</p> <p>The following breakdown based on the territory was used: Objective 1 - the whole country except Praha Non Objective 1 - Praha</p>
<p>Main classifications used E.g. industry, size, commodity, occupation</p>	<p>Industry, Size</p>
<p>Collection methodology E.g. face-to-face, mail, Web, telephone</p>	<p>Postal (self-administered mail out and mail or e-mail back)</p>

interview	survey Electronic questionnaire (computer assisted program available on the web site) for electronic completion was developed.																																																																																																																																																																																																																																																								
Reporting and Statistical units Enterprise, establishment, household, etc	Enterprise																																																																																																																																																																																																																																																								
Sample frame used	The frame population is the same as the one for the Structural Business Survey (SBS).																																																																																																																																																																																																																																																								
Sampling method E.g. stratified random sampling, cluster sampling	<p>Czech Business Register for sampling was used.</p> <p>Stratified random sampling for enterprises with 5-249 and census for 250 and more employees with respect to Business Register was used.</p> <p>Number of enterprises and number of employees was used for stratification. GREG was used for sample design. The sample was designed with no reference to any other survey.</p> <p>Sample size was designed to enable accurate, reliable and representative results for breakdown into four size groups, 32 NACE aggregates groups and two territory groups and for main variables as cross-tabulated (see the designed sample size)</p> <p>The designed sample size in % of population:</p> <table border="1"> <thead> <tr> <th></th> <th colspan="2">5-9</th> <th colspan="2">10-49</th> <th colspan="2">50-249</th> <th>250+</th> </tr> <tr> <th></th> <th>Obj.</th> <th>non Obj.</th> <th>Obj.</th> <th>non Obj.</th> <th>Obj. 1</th> <th>non Obj.</th> <th></th> </tr> </thead> <tbody> <tr> <td>D(15-21)</td> <td>8</td> <td>17</td> <td>6</td> <td>23</td> <td>5</td> <td>71</td> <td>100</td> </tr> <tr> <td>D(22)</td> <td>24</td> <td>24</td> <td>16</td> <td>28</td> <td>83</td> <td>100</td> <td>100</td> </tr> <tr> <td>D(23-25)</td> <td>9</td> <td>93</td> <td>7</td> <td>74</td> <td>15</td> <td>100</td> <td>100</td> </tr> <tr> <td>D(26-28)</td> <td>8</td> <td>28</td> <td>6</td> <td>31</td> <td>6</td> <td>83</td> <td>100</td> </tr> <tr> <td>D(29)</td> <td>15</td> <td>60</td> <td>10</td> <td>53</td> <td>11</td> <td>100</td> <td>100</td> </tr> <tr> <td>D(30-33)</td> <td>13</td> <td>25</td> <td>8</td> <td>34</td> <td>16</td> <td>96</td> <td>100</td> </tr> <tr> <td>D(34-35)</td> <td>93</td> <td>100</td> <td>38</td> <td>100</td> <td>45</td> <td>100</td> <td>100</td> </tr> <tr> <td>D(36-37)</td> <td>21</td> <td>57</td> <td>14</td> <td>84</td> <td>21</td> <td>100</td> <td>100</td> </tr> <tr> <td>E(40-41)</td> <td>46</td> <td>100</td> <td>28</td> <td>100</td> <td>48</td> <td>100</td> <td>100</td> </tr> <tr> <td>F(45)</td> <td>5</td> <td>6</td> <td>4</td> <td>22</td> <td>8</td> <td>46</td> <td>100</td> </tr> <tr> <td>G(50)</td> <td>15</td> <td>20</td> <td>11</td> <td>27</td> <td>74</td> <td>90</td> <td>100</td> </tr> <tr> <td>G(51.4)</td> <td>15</td> <td>33</td> <td>13</td> <td>24</td> <td>61</td> <td>69</td> <td>100</td> </tr> <tr> <td>G(51.84)</td> <td>69</td> <td>100</td> <td>80</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>G(51zb)</td> <td>3</td> <td>3</td> <td>2</td> <td>3</td> <td>25</td> <td>31</td> <td>100</td> </tr> <tr> <td>G(52)</td> <td>3</td> <td>6</td> <td>4</td> <td>7</td> <td>26</td> <td>51</td> <td>100</td> </tr> <tr> <td>H(55.1-55.2)</td> <td>45</td> <td>46</td> <td>33</td> <td>43</td> <td>92</td> <td>100</td> <td>100</td> </tr> <tr> <td>I(60-63zb)</td> <td>8</td> <td>14</td> <td>10</td> <td>19</td> <td>21</td> <td>83</td> <td>100</td> </tr> <tr> <td>I(63.3)</td> <td>77</td> <td>78</td> <td>65</td> <td>68</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>I(64)</td> <td>51</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>J(65.12+65.22)</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>J(65zb)</td> <td>88</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>J(66.01+66.03)</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>J(66zb)</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>J(67.12+67.13+67.2)</td> <td>56</td> <td>60</td> <td>43</td> <td>64</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>J(67zb)</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>K(70-71)</td> <td>11</td> <td>11</td> <td>11</td> <td>12</td> <td>35</td> <td>61</td> <td>100</td> </tr> <tr> <td>K(72)</td> <td>7</td> <td>13</td> <td>13</td> <td>18</td> <td>86</td> <td>72</td> <td>100</td> </tr> <tr> <td>K(73)</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> <td>100</td> </tr> <tr> <td>K(74)</td> <td>4</td> <td>4</td> <td>4</td> <td>5</td> <td>20</td> <td>30</td> <td>100</td> </tr> </tbody> </table>		5-9		10-49		50-249		250+		Obj.	non Obj.	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Sample size For the most recent collection	Gross sample: 10,233 Net sample: 7,598																								
Response rate The responding proportion of the live in-scope population, most recent collection	79,61%																								
Methods for dealing with non-response (item and unit) Indicate whether imputations are made for non-response and a short description of methods used.	<p>Methods used for minimizing unit non-response:</p> <p>In order to reduce unit non-response, one reminder with a new questionnaire was sent by mail to any enterprise that didn't return the completed questionnaire by the asked date (end of April). Later a telephone reminder was conducted in order to ensure responses from enterprises of particular importance for the quality of the results of the survey (generally for enterprises within NACE /size classes in which the number of responses was found to be too low).</p> <p>We sent to all respondents together with the questionnaire also an enclosure with the main results from the previous year's survey and answers to frequently asked questions. We considered this as a way to motivate respondents to fill out the questionnaire.</p> <p>Methods used for unit non-response treatment:</p> <p>No imputations made for unit non-response.</p> <p>Methods used for item non-response treatment:</p> <p>Item non-response is not an issue (no imputations made for item non-response) except for background information. If an enterprise did not answer a question, a negative answer was supposed.</p> <p>Note 1: However logical corrections and consultations with respondents where answers did not get through our processing and validation program were made.</p> <p>Note 2: The fact that the questionnaire for enterprises with 5 – 9 persons employed didn't include all questions from the questionnaire for 10 and more persons employed made the number of responses used for grossing up for some indicators lower (approximately by 3 %). In this case, absolute values for selected enterprises were grossed up according to the sample with the assistance of weighted mean. Sequentially the aggregated values and shares of indicators were calculated. In this case the information from the common part of the questionnaire was used. Any such indicator was processed individually and for enterprises with 5-9 persons employed was not evaluated (n. a.).</p> <p>The same method was used in national publications.</p>																								
Weighting of results Weighting method e.g. by employment, number of enterprises, revenue	GREG using the number of enterprises and employees according to Business register as auxiliary variables was used.																								

<p>Relative standard errors (or coefficients of variation) on main aggregates</p> <p>For the most recent collection. These can be expressed as a range of values. For a given variable, the RSE or CV is equal to the ratio of the square root of the estimate of the sampling variance to the estimated value. It can be expressed as a fraction or a percentage.</p>	<p>For percentage of enterprises with Internet access: CV=0.536% For percentage of turnover from e-commerce sales: CV=5,575%</p> <p>Main aggregate: NACE Section D; NACE Section F; NACE Section G; NACE Groups 55.1 and 55.2; NACE Section I; NACE Section K and NACE Groups 92.1 and 92.2 and 10 and more persons employed.</p>
<p>Known data quality issues with this collection</p> <p>E.g. non-response bias, comparability problems over time, definitional issues, coverage deficiencies, timeliness of frame, high item non-response (identify topics which are particularly problematic).</p>	<p>Not all background information is available for all enterprises in the sample; in this case imputation was used for missing data.</p> <p>Business register on 30.12.2005 with last update on 23.12.2005 was used for sampling.</p> <p>Business register on 30.12.2005 with last update on 31.12.2005 was used for grossing up.</p> <p>There is no item with response rate below 90%.</p>
<p>Output details</p> <p>Please list (or link to) relevant publications for this collection. You can also email relevant files to the OECD.</p>	<p>http://www.czso.cz/eng/edicniplan.nsf/p/9702-06 – latest results of the Survey on ICT use in the Czech Business Sector: <i>ICT in the Business Sector of the Czech Republic in 2005</i> (English publication)</p> <p>An English version of previous results from the ICT Use Surveys in the Business sector (2002, 2003, 2004) together with other information (publications, bulletins and other material) related to information society statistics are available free of charge from the following dedicated link of the Czech Statistical Office, see: http://www.czso.cz/eng/redakce.nsf/i/information_society</p> <p>Basic data (tables and graphs) in English version are regularly published including in the Statistical Yearbooks of the Czech Republic (Chapter 13: Science, Technology and Information Society), see: http://www.czso.cz/eng/redakce.nsf/i/statistical_yearbooks_of_the_czech_republic</p>
<p>Other comments</p>	
<p>Contact/s</p> <p>Where available, provide names and email addresses.</p>	<p>Vaclav Kosina, Martin Mana</p> <p>Research, Development and Information Society Section – Oddělení 6302</p> <p>Czech Statistical Office</p> <p>Na padesátem 81, 100 81 Praha 10</p> <p>e-mail: vaclav.kosina@czso.cz , martin.mana@czso.cz</p>