

Name of collection: *Internet Infrastructure Statistics*

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| <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>Other ICT collection – Internet Infrastructure</p> |
| <p>Collection agency</p> | <p>National Internet Development Agency of Korea http://www.nida.or.kr</p> |
| <p>General references to collection material Metadata, questionnaires etc</p> | <p><u>KR Domain Name Statistics</u> – collection vehicle for the registered .kr domain name <u>IP Address Statistics</u> – collection vehicle for the number of addresses allocated to Korea. <u>Internet Host Statistics</u> – collection vehicle for the number of Internet Hosts in Korea</p> |
| <p>Survey basis or vehicle E.g. Labour Force supplement, standalone survey, administrative byproduct data</p> | <p><u>KR Domain Name Statistics</u> – administrative byproduct data <u>IP Address Statistics</u> – administrative byproduct data <u>Internet Host Statistics</u> – standalone survey</p> |
| <p>Frequency of collection</p> | <p><u>KR Domain Name Statistics</u> – monthly <u>IP Address Statistics</u> – monthly <u>Internet Host Statistics</u> – annually</p> |
| <p>Collection history Reference dates and/or periods from the first to the latest collection</p> | <p><u>KR Domain Name Statistics</u> has been collected monthly since 1993 and <u>IP Address Statistics</u> since 1990, while <u>Internet Host Statistics</u> has been collected annually since 2004.</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><u>KR Domain Name Statistics</u> – whole registered .KR domain name <u>IP Address Statistics</u> – IPv4 and IPv6 address allocated to Korea <u>Internet Host Statistics</u> – Whole Internet Hosts in Korea</p> |
| <p>Main classifications used E.g. industry, size, commodity, occupation</p> | <p><u>KR Domain Name Statistics</u> – period(monthly / yearly), 2nd Level Domains(co / re / ne / or / pe / go / region / Hangeul) <u>IP Address Statistics</u> – period (monthly / yearly) <u>Internet Host Statistics</u> – Not applicable</p> |
| <p>Collection methodology E.g. face-to-face, mail, Web, telephone interview</p> | <p><u>KR Domain Name Statistics</u> – counting the number of registered .KR domain names in the DNS DB owned by NIDA. <u>IP Address Statistics</u> – downloading information on the number of allocated IP address from the DB of APINIC and NIDA, and analysing it. <u>Internet Host Statistics</u> – analysing the zone files in the name</p> |

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| | server. Zone file of .KR comes from the name server of NIDA and those of com, net and org come from Verisign and PIR. |
| Reporting and Statistical units Enterprise, establishment, household, etc | Not applicable |
| Sample frame used | Not applicable |
| Sampling method E.g. stratified random sampling, cluster sampling | Not applicable |
| Sample size For the most recent collection | Not applicable |
| Response rate The responding proportion of the live in-scope population, most recent collection | Not applicable |
| Methods for dealing with non-response (item and unit) Indicate whether imputations are made for non-response and a short description of methods used. | Not applicable |
| Weighting of results Weighting method e.g. by employment, number of enterprises, revenue | Not applicable |
| Relative standard errors (or coefficients of variation) on main aggregates 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. | Not applicable |
| Known data quality issues with this collection 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). | <u>KR Domain Name Statistics</u> – not including gTLD domain name. <u>Internet Host Statistics</u> – Due to the method of analysing the information in Zone files accessible for NIDA, only KR, com, net and org can be analysed while other domains such as biz, info, pro, museum and etc. are excluded. |
| Output details Please list (or link to) relevant publications for this collection. You can also email relevant files to the OECD. | Monthly <i>Internet Infrastructure Statistics</i> can be seen in the website http://isis.nida.or.kr/eng/ <i>Korea Internet Statistics Yearbook</i> (no longer published since 2005) and <i>Korea Internet White Paper</i> (since 2006) published by NIDA annually. |
| Other comments | None. See the links http://isis.nida.or.kr/eng which provide descriptions of the collections and the most recent statistics. |
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