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| **Disk Capacity Requirements** |
| **for ICD\*18.0\*57/LEX\*2.0\*80** |
| **ICD-10 Implementation** |
| **April 21, 2014** |

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| **Disc Capacity Requirements for ICD\*18.0\*57/LEX\*2.0\*80** |
| **Addition of ICD-10 to files 80, 80.1 and the Lexicon** |
| **Permanent Retention: (before/after sizes computed with %GSIZE)** |
| **Before ICD-10 update (includes LEX\*2.0\*51 and LEX\*2.0\*84)** |
|  | **Global** | **Blocks** | **Bytes** | **MB** |
|  | ICD0 | 639 | 4361548 | 4.16 |
|  | ICD9 | 3572 | 24697088 | 23.55 |
|  | LEX | 88761 | 547348588 | 521.99 |
|  | Total | 92972 | 576407224 | 549.70 |
| **After ICD-10 update** |
|  | **Global** | **Blocks** | **Bytes** | **MB** |
|  | ICD0 | 10399 | 68416876 | 65.25 |
|  | ICD9 | 15653 | 105232556 | 100.36 |
|  | ICDS | 1 | 324 | 0.00 |
|  | LEX | 119296 | 771109528 | 735.39 |
|  | Total | 145349 | 944759284 | 900.99 |
|  |  |  |  |  |
| **Increase** | Total | 52377 | 368352060 | 351.29 |
| **Temporary Installation Space Requirements:** |
| In addition to the permanent size increases outlined above, the installing system will need to be able to accommodate three temporary files, which will need to coexist for a short time. |
| The first file is a global host file named ICD\_18\_57.GBL. It contains the Lexicon export global ^LEXM. Sites will use the specified File Transfer Protocol (FTP) to retrieve this file from an FTP server. This file may be deleted from the system once the export file has been loaded using %GI. |
| The second is the Lexicon export global ^LEXM and will exist after it has been loaded from the global host file. |
| The third temporary and lesser file is the Kernel Installation and Distribution System (KIDS) host file ICD\_18\_57.KID. This file will be FTPed from an FTP server and contains the KIDS distribution with patches ICD\*18.0\*57 and LEX\*2.0\*80. This file may be deleted from the system once the KIDS distribution has been loaded (XPD). |
| **Global/File** |  | **Blocks** | **Bytes** | **MB** |
| ^LEXM Export Global | 195742 | 1200786332 | 1145.16 |
| Global Host File \*.GBL | 3133983 | 1604599296 | 1530.27 |
| Install Host File \*.KID | 4966 | 2542592 | 2.42 |
| Total |  | 3334691 | 2807928220 | 2677.85 |

**Summary**

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| **Bytes** | **MB** |
| 368352060 | 351.29 |
| 2807928220 | 2677.85 |
| 3176280280 | 3029.14 |

Increased Permanent Space Temporary Space

Total additional Space Required

However, this could be reduced to 2.1 GB with judicious use of timing (e.g., first FTP the export file, then load the export file, then delete VMS file, and finally install the patch).

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| **FTP** | **^%GI** | **XPD KIDS Install** | **Post-Install** |
| ICD\_18\_57.GBL Host File | **Deleted** |
| 1604599296 bytes (1530.27 MB) |
|  | ICD\_18\_57.KID Host File | **Deleted** |
|  | 2542592 bytes (2.42 MB) |
| **Non-Existent** | ^LEXM Export Global | **Deleted** |
| 1200786332 bytes (1145.16 MB) |
| **Non-Existent** | Increased Permanent Retention |
| 368352060 bytes (351.29 MB) |

Please note that some of these figures may differ slightly on other systems but they should be in the approximate range. To prevent allocation problems, all MB and GB totals are rounded upward.