Disk Capacity Requirements
for ICD*18.0*57/LEX*2.0*80
ICD-10 Implementation

April 21, 2014

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

	Bytes	MB
Increased Permanent Space	368352060	351.29
Temporary Space	2807928220	2677.85
Total additional Space Required	3176280280	3029.14

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).

FTP	^%GI	XPD KIDS Install	Post-Install
ICD_18_57.GBL Host File 1604599296 bytes (1530.27 MB)		**Deleted**	
	ICD_18_57.KID Host File 2542592 bytes (2.42 MB)		**Deleted**
Non-Existent	^LEXM Export Global 1200786332 bytes (1145.16 MB)		**Deleted**
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.