

Item	Storage Required	Comments
Book	1 MB	The 20 million books in The Library of Congress require about 20 TB to digitize as ASCII text. If the books are scanned, then about 10 times more storage would be required.
Low Resolution Image	20 KB	There are about 52 billion photographs taken each year, requiring about 520 PB to store.
Medium Resolution Image	1-10 MB	The Library of Congress has about 13 million images which would require about 13 TB to archive at 1 MB/image. High resolution images might require up to 130 TB at 10 MB/image.
MP3 audio files	1 MB/minute	80 years of listening requires about 42 TB of disk.
DVD video files	2 GB/hour	Four hours of video per day for ten years requires about 16 TB, which is not enough video for most teenagers.

Table 5.5: A 1 TB disk can be purchased today (in 2011) for less than \$100. It is likely that by 2015, you will be able to purchase a 800 TB disk for the same amount. This would hold enough books, images and audio files for a lifetime, but not quite enough video. The information in this table is adapted from [57].