Video bandwidth comparison for MPEG-1, MPEG-2, MPEG-4

Usually MPEG-4 is 2-2.5 times smaller than MPEG-2 and 3-4 times smaller than MPEG-1. MPEG-2 is 30% smaller than MPEG-1.

```
< 0.384 Mbps
                Video conference
                                        (MPEG-4)
  <1.5 Mbps
               Video in a window
                                        (MPEG-1)
   1-2 Mbps VHS quality full screen (MPEG-2)
 2-3 Mbps Broadcast NTSC (MPEG-2)
4-6 Mbps Broadcast PAL (MPEG-2)
8-10 Mbps Professional PAL (MPEG-2)
12-20 Mbps Broadcast HDTY (MPEG-2)
               DVB satellite multiplex (MPEG-2 Transport)
27.5-40 Mbps
  32-40 Mbps
               Professional HDTV (MPEG-2)
 34-50 Mbps
               Contribution TV
                                       (MPEG-2-I)
                Contribution HDTV (MPEG-2-I)
   140 Mbps
                Raw NTSC (uncompressed)
Raw PAL (uncompressed)
   168 Mbps
                Raw PAL
   216 Mbps
                                        (uncompressed)
   270 Mbps
                Raw contribution PAL (uncompressed)
  1-1.5 Gbps Raw HDTV (uncompressed)
```

Summary of MPEG Compression Capability

source: https://erg.abdn.ac.uk/future-net/digital-video/mpeg2.html