| Number | No constraints | | One-vertex triangulations only | | | |
|------------|----------------|------------|--------------------------------|------------------------|----------------------|-------------|
| of | All closed | 3-spheres | All closed | 3-spheres | Prime and orientable | |
| tetrahedra | 3-manifolds | only | 3-manifolds | only | Minimal | Non-minimal |
| 1 | 4 | 2 | 3 | 1 | 2 | |
| 2 | 17 | 6 | 12 | 3 | 8 | |
| 3 | 81 | 32 | 63 | 20 | 7 | 31 |
| 4 | 577 | 198 | 433 | 128 | 15 | 238 |
| 5 | 5 184 | 1 903 | 3 961 | 1297 | 40 | 2 140 |
| 6 | 57 753 | 19 935 | 43584 | 13 660 | 115 | 22957 |
| 7 | 722765 | 247644 | 538 409 | 169077 | 309 | 272888 |
| 8 | 9 787 509 | 3185275 | 7 148 483 | 2142197 | 945 | 3498286 |
| 9 | 139 103 032 | 43 461 431 | 99450500 | 28691150 | 3 031 | 46981849 |
| Total | 149 676 922 | 46 916 426 | 107 185 448 | 31017533 | 4472 | 50 778 389 |
| | | | | 81 800 394 of interest | | |
| | | | | - | | |