

Whole brain

1508.91 ± 299.14 g  
170.68 ± 13.86 B cells

86.06 ± 8.12 B neurons  
84.61 ± 9.83 B non-neur  
0.99 non-neur/neurons

Cerebral cortex (GM+WM)

1232.93 ± 233.68 g  
77.18 ± 7.72 B cells

16.34 ± 2.17 B neurons  
60.84 ± 7.02 B non-neur  
3.76 non-neur/neurons

81.8% of brain mass  
19.0% of brain neurons

7.8% of brain mass

0.8% of brain neurons

10.3% of brain mass

80.2% of brain neurons

Cerebellum

154.02 ± 19.29 g  
85.08 ± 6.92 B cells

69.03 ± 6.65 B neurons  
16.04 ± 2.17 B non-neur  
0.23 non-neur/neurons

Rest of brain

117.66 ± 45.42 g  
8.42 ± 1.50 B cells

0.69 ± 0.12 B neurons  
7.73 ± 1.45 B non-neur  
11.35 non-neur/neurons

Figure 2. Absolute mass, numbers of neurons, and numbers of nonneuronal cells in the entire adult human brain. Values are mean ± SD and refer to the two hemispheres together. B, billion.