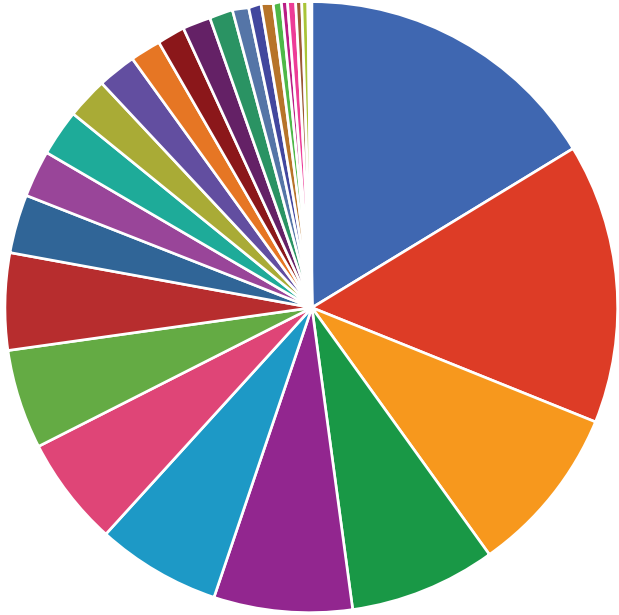

- Carbohydrates - 12,716,605 (16.4%)
- Clustering-based subsystems - 11,479,130 (14.8%)
- Protein Metabolism - 6,923,428 (8.9%)
- Amino Acids and Derivatives - 6,042,634 (7.8%)
- Miscellaneous - 5,665,315 (7.3%)
- RNA Metabolism - 5,158,964 (6.6%)
- DNA Metabolism - 4,445,283 (5.7%)
- Cell Wall and Capsule - 4,071,157 (5.2%)
- Cofactors, Vitamins, Prosthetic Groups, Pigments - 3,960,147 (5.1%)
- Nucleosides and Nucleotides - 2,417,980 (3.1%)
- Virulence, Disease and Defense - 1,937,815 (2.5%)
- Fatty Acids, Lipids, and Isoprenoids - 1,889,729 (2.4%)
- Phages, Prophages, Transposable elements, Plasmids - 1,743,904 (2.2%)
- Membrane Transport - 1,561,474 (2.0%)
- Cell Division and Cell Cycle - 1,246,172 (1.6%)
- Respiration - 1,171,662 (1.5%)
- Stress Response - 1,101,681 (1.4%)
- Regulation and Cell signaling - 1,012,512 (1.3%)
- Iron acquisition and metabolism - 624,183 (0.80%)
- Sulfur Metabolism - 556,011 (0.72%)
- Phosphorus Metabolism - 476,913 (0.61%)
- Motility and Chemotaxis - 326,280 (0.42%)
- Nitrogen Metabolism - 286,426 (0.37%)
- Metabolism of Aromatic Compounds - 278,974 (0.36%)
- Dormancy and Sporulation - 248,950 (0.32%)
- Potassium metabolism - 220,655 (0.28%)
- Secondary Metabolism - 131,940 (0.17%)
- Photosynthesis - 29,232 (0.04%)