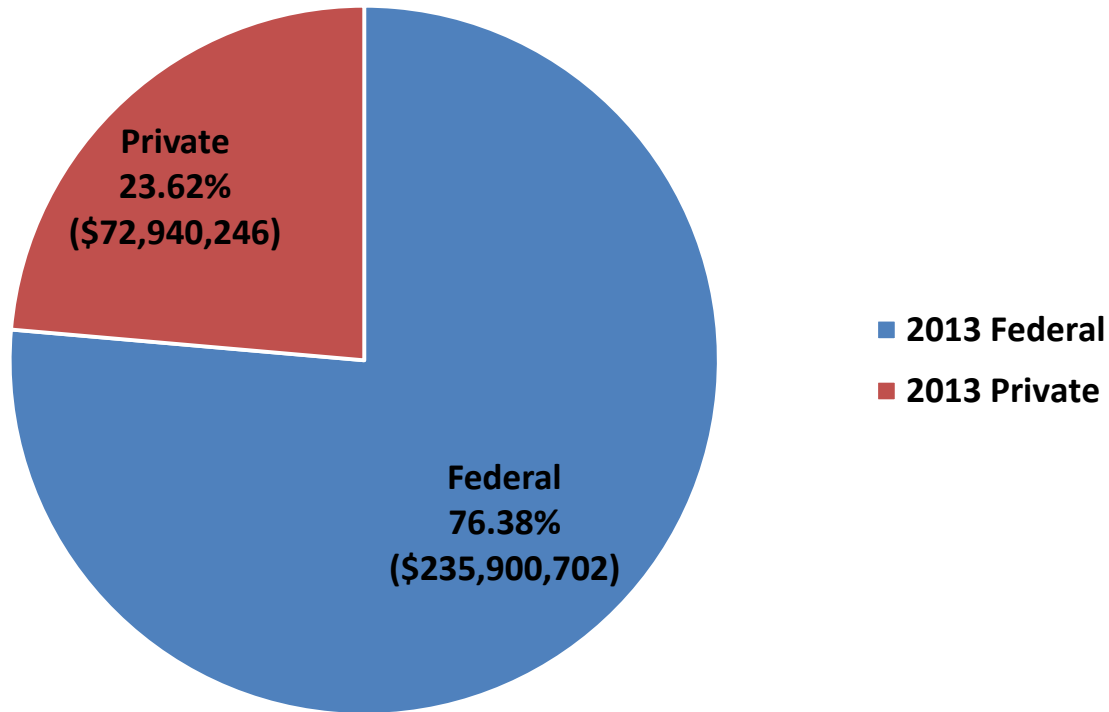
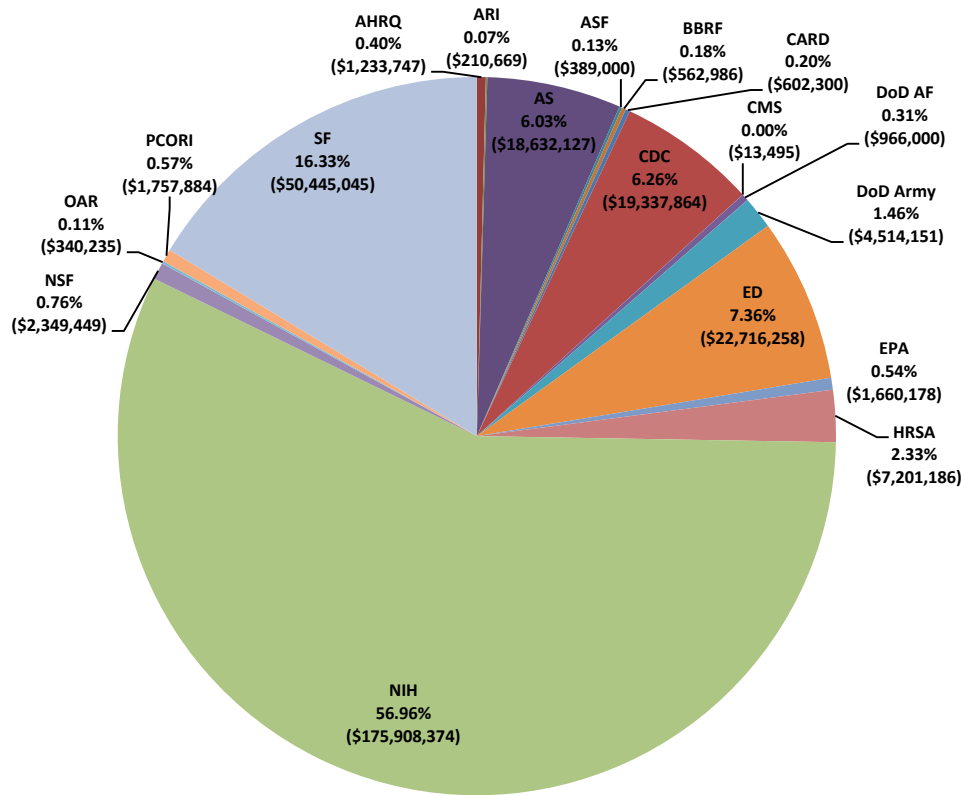


## 2013 Federal vs. Private Autism Research Funding



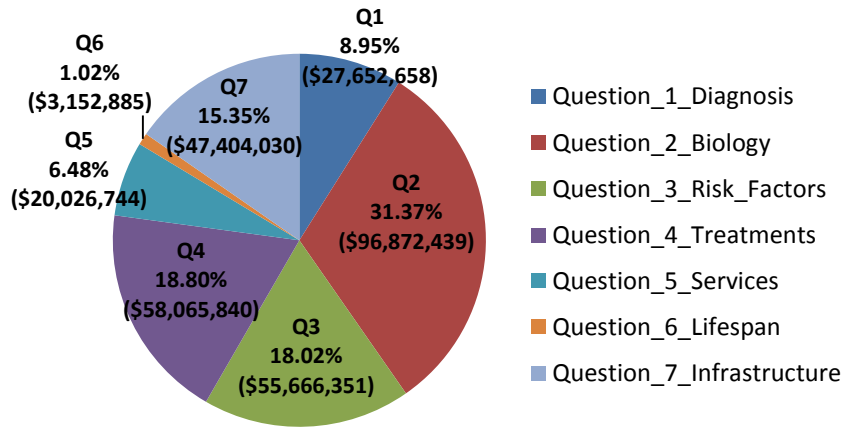
Source	2013 Funding	2013 Project Count	Percentage of 2013 Funding
Federal	\$ 235,900,702.00	688	76.38%
Private	\$ 72,940,245.58	603	23.62%
<b>TOTAL</b>	<b>\$ 308,840,947.58</b>	<b>1291</b>	<b>100.00%</b>

# Percentage of 2013 Funding by Agency/Organization

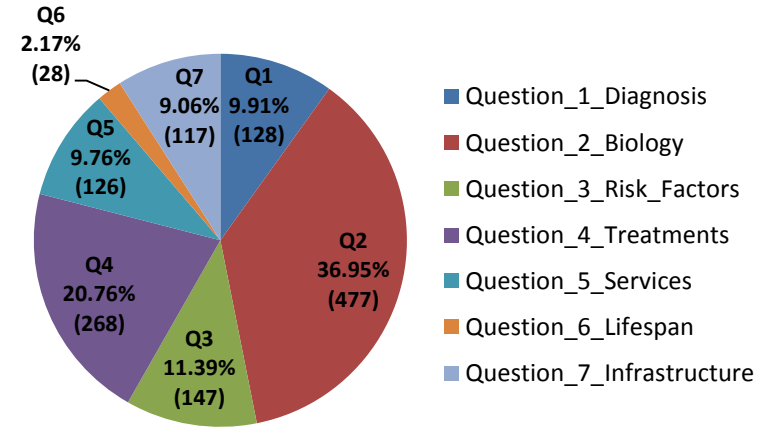


Federal or Private Funder	2013 Funding	Percentage of 2013 Funding
Administration for Children and Families (ACF)	\$ -	0.00%
Agency for Healthcare Research and Quality (AHRQ)	\$ 1,233,747.00	0.40%
Autism Research Institute (ARI)	\$ 210,669.00	0.07%
Autism Speaks (AS)	\$ 18,632,126.56	6.03%
Autism Science Foundation (ASF)	\$ 389,000.00	0.13%
Brain and Behavior Research Foundation (BBRF)	\$ 562,985.95	0.18%
Center for Autism and Related Disorders (CARD)	\$ 602,300.00	0.20%
Centers for Disease Control and Prevention (CDC)	\$ 19,337,864.00	6.26%
Centers for Medicare and Medicaid Services (CMS)	\$ 13,495.00	0.00%
Department of Defense – Air Force (DoD AF)	\$ 966,000.00	0.31%
Department of Defense – Army (DoD Army)	\$ 4,514,151.00	1.46%
Department of Education (ED)	\$ 22,716,258.00	7.36%
Environmental Protection Agency (EPA)	\$ 1,660,178.00	0.54%
Health Resources and Services Administration (HRSA)	\$ 7,201,186.00	2.33%
National Institutes of Health (NIH)	\$ 175,908,374.00	56.96%
National Science Foundation (NSF)	\$ 2,349,449.00	0.76%
Organization for Autism Research (OAR)	\$ 340,235.26	0.11%
Patient-Centered Outcomes Research Institute (PCORI)	\$ 1,757,884.04	0.57%
Simons Foundation (SF)	\$ 50,445,044.77	16.33%
<b>TOTAL</b>	<b>\$ 308,840,947.58</b>	<b>100.00%</b>

## Percentage of 2013 Funding

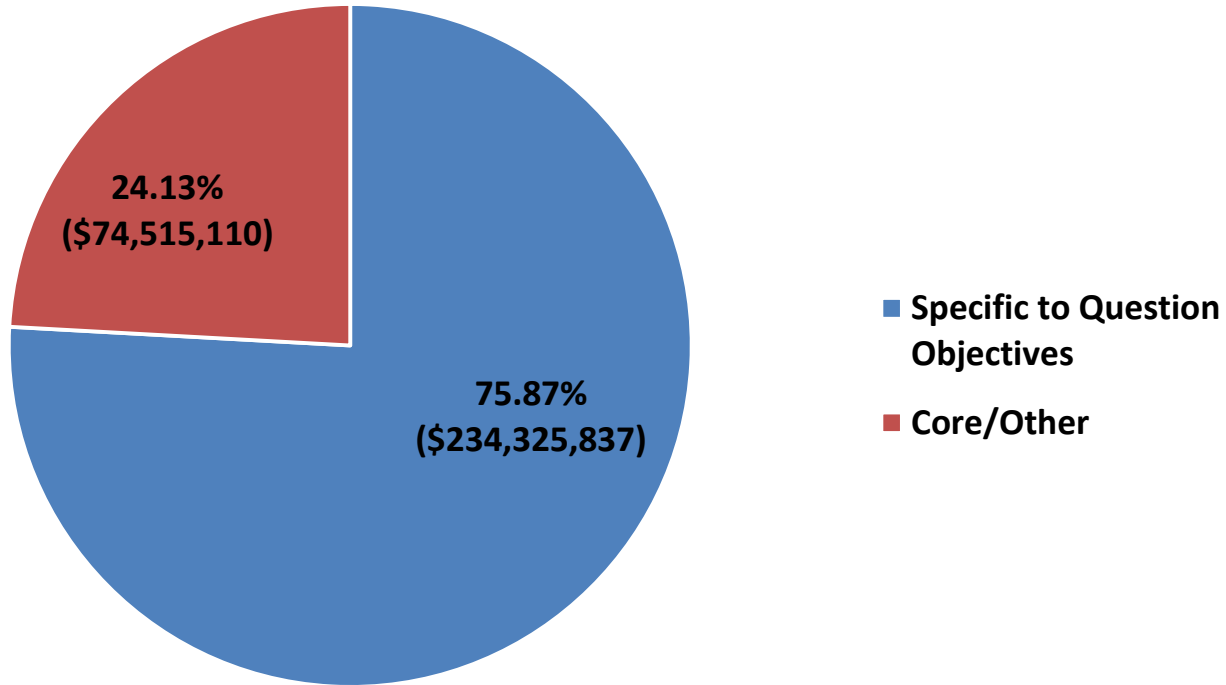


## Percentage of 2013 Project Count



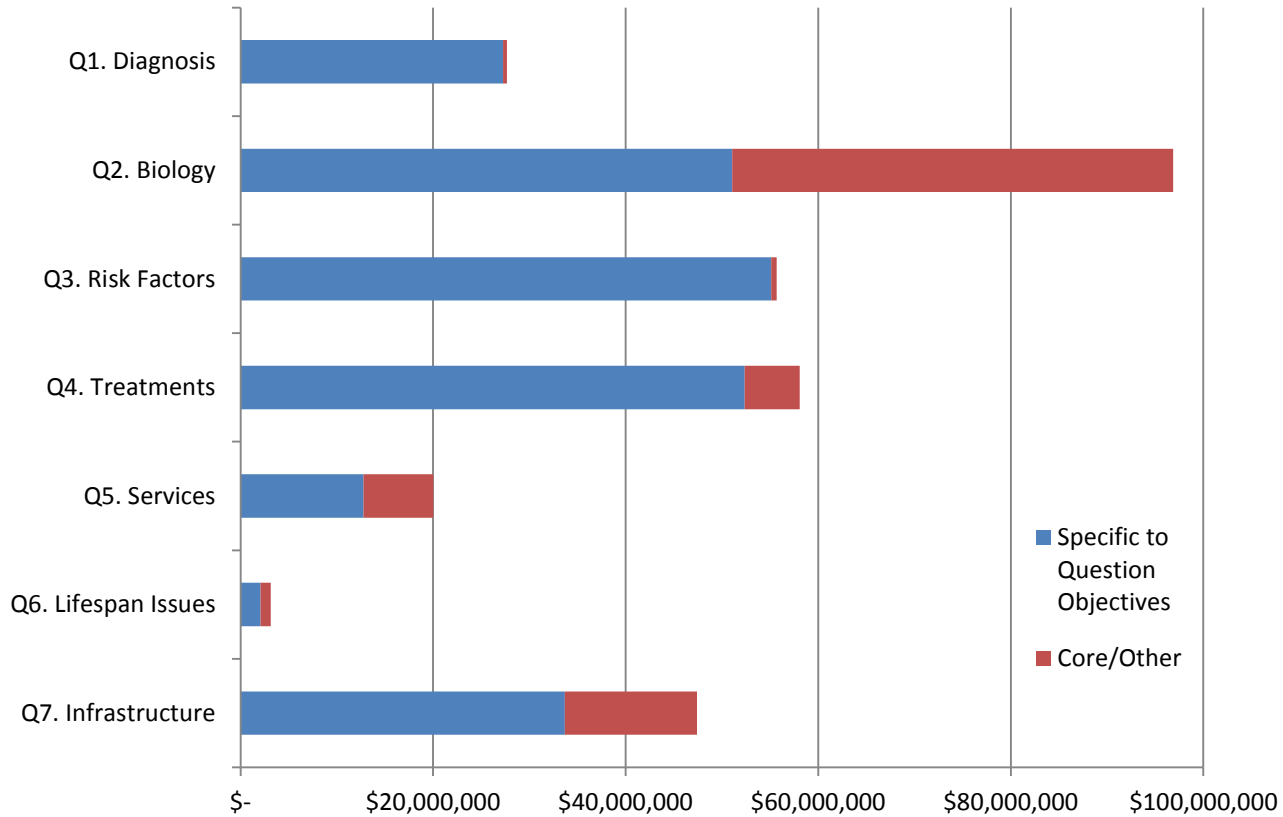
Strategic Plan Question	2013 Funding	Percentage of 2013 Funding	2013 Project Count	Percentage of 2013 Project Count
Question 1: Diagnosis	\$ 27,652,658.19	8.95%	128	9.91%
Question 2: Biology	\$ 96,872,439.13	31.37%	477	36.95%
Question 3: Risk Factors	\$ 55,666,350.95	18.02%	147	11.39%
Question 4: Treatments	\$ 58,065,840.36	18.80%	268	20.76%
Question 5: Services	\$ 20,026,744.18	6.48%	126	9.76%
Question 6: Lifespan	\$ 3,152,885.02	1.02%	28	2.17%
Question 7: Infrastructure	\$ 47,404,029.75	15.35%	117	9.06%
<b>TOTAL</b>	<b>\$ 308,840,947.58</b>	<b>100.00%</b>	<b>1291</b>	<b>100.00%</b>

## 2013 Funding: Alignment with *IACC Strategic Plan Objectives*



	2013 Funding	Percentage of 2013 Funding
Specific to Question Objectives	\$ 234,325,837.18	75.87%
Core/Other	\$ 74,515,110.40	24.13%
<b>TOTAL</b>	<b>\$ 308,840,947.58</b>	<b>100.00%</b>

## 2013 Funding: Alignment with *IACC Strategic Plan Objectives* by Question



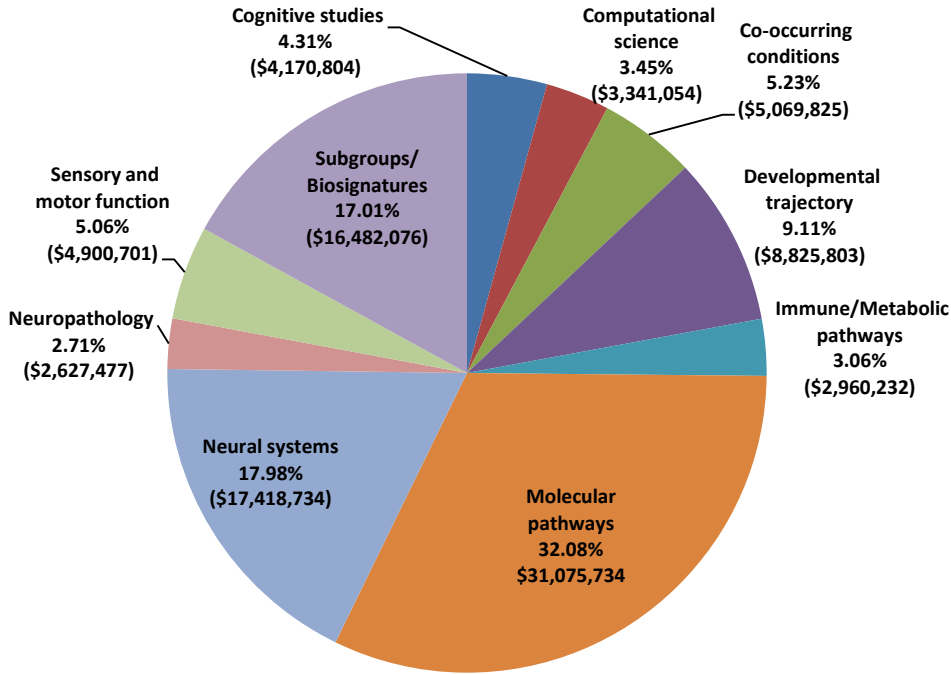
	Q1. Diagnosis	Q2. Biology	Q3. Risk Factors	Q4. Treatments	Q5. Services	Q6. Lifespan Issues	Q7. Infrastructure
Specific to Question Objectives	\$ 27,262,721.19	\$ 51,072,288.33	\$ 55,128,524.95	\$ 52,351,118.36	\$ 12,776,635.18	\$ 2,062,646.42	\$ 33,671,902.75
Core/Other	\$ 389,937.00	\$ 45,800,150.80	\$ 537,826.00	\$ 5,714,722.00	\$ 7,250,109.00	\$ 1,090,238.60	\$ 13,732,127.00
<b>Core/Other (%)</b>	<b>1.41%</b>	<b>47.28%</b>	<b>0.97%</b>	<b>9.84%</b>	<b>36.20%</b>	<b>34.58%</b>	<b>28.97%</b>

## Question 2: Biology

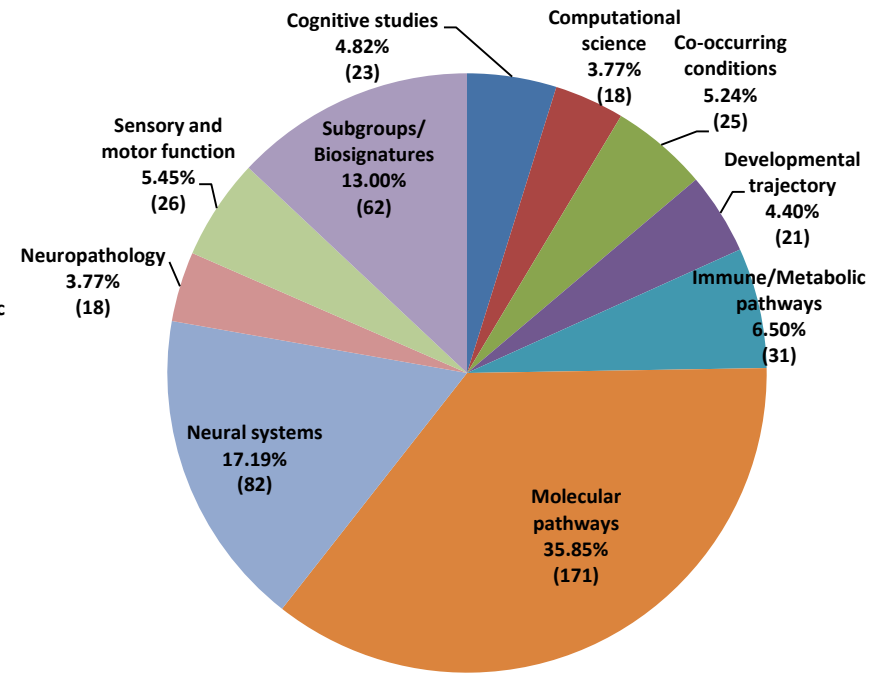
	2013 Funding*	2013 Project Count	Percentage of 2013 Question Funding
<b>Question_2_Biology</b>	<b>\$ 96,872,439.13</b>	<b>477</b>	<b>100.00%</b>
2SA. Support at least four research projects to identify mechanisms of fever, metabolic and/or immune system interactions with the central nervous system that may influence ASD during prenatal-postnatal life by 2010. IACC Recommended Budget: \$9,800,000 over 4 years. (Fever studies to be started by 2012.)	\$ 2,801,876.01	29	2.89%
2SB. Launch three studies that specifically focus on the neurodevelopment of females with ASD, spanning basic to clinical research on sex differences by 2011. IACC Recommended Budget: \$8,900,000 over 5 years.	\$ 2,859,333.00	7	2.95%
2SC. Identify ways to increase awareness among the autism spectrum community of the potential value of brain and tissue donation to further basic research by 2011. IACC Recommended Budget: \$1,400,000 over 2 years.	\$ 674,525.00	3	0.70%
2SD. Launch three studies that target improved understanding of the underlying biological pathways of genetic conditions related to autism (e.g. Fragile X, Rett syndrome, tuberous sclerosis complex) and how these conditions inform risk assessment and individualized intervention by 2012. IACC Recommended Budget: \$9,000,000 over 5 years.	\$ 18,627,373.40	95	19.23%
2SE. Launch three studies that target the underlying biological mechanisms of co-occurring conditions with autism, including seizures/epilepsy, sleep disorders, wandering/elopement behavior, and familial autoimmune disorders, by 2012. IACC Recommended Budget: \$9,000,000 over 5 years.	\$ 4,848,554.54	23	5.01%
2SF. Launch two studies that focus on prospective characterization of children with reported regression to investigate potential risk factors by 2012. IACC Recommended Budget: \$4,500,000 over 5 years.	\$ 316,475.50	3	0.33%
2SG. Support five studies that associate specific genotypes with functional or structural phenotypes, including behavioral and medical phenotypes (e.g., nonverbal individuals with ASD and those with cognitive impairments) by 2015. IACC Recommended Budget: \$22,600,000 over 5 years.	\$ 12,646,192.08	49	13.05%
2LA. Complete a large-scale, multi-disciplinary, collaborative project that longitudinally and comprehensively examines how the biological, clinical, and developmental profiles of individuals, with a special emphasis on females, youths, and adults with ASD, change over time as compared to typically developing people by 2020. IACC Recommended Budget: \$126,200,000 over 12 years.	\$ 5,201,378.00	7	5.37%
2LB. Launch at least three studies which evaluate the applicability of ASD phenotype and/or biological signature findings for performing diagnosis, risk assessment, or clinical intervention by 2015. IACC Recommended Budget: \$7,200,000 over 5 years.	\$ 3,096,580.80	13	3.20%
2O. Not specific to Question 2 objectives	\$ 45,800,150.80	248	47.28%

\*Any objective colored **green** has funding which is greater than or equal to the recommended funding for the year (determined by annualizing the recommended budget associated with that objective); any objective colored **yellow** has active projects, but with funding that totals less than the annualized recommended amount, while any objective colored **red** has no active projects and received no funding in 2013. Objectives whose overarching aim (e.g., the ultimate goal of the research) was achieved in a previous year are colored **pale green**.

## Question 2 – Percentage of 2013 Funding by Subcategory



## Question 2 – Percentage of 2013 Project Count by Subcategory



Question 2: Biology	2013 Funding	Percentage of 2013 Funding	2013 Project Count	Percentage of 2013 Project Count
Cognitive studies	\$ 4,170,804.00	4.31%	23	4.82%
Computational science	\$ 3,341,053.50	3.45%	18	3.77%
Co-occurring conditions	\$ 5,069,825.04	5.23%	25	5.24%
Developmental trajectory	\$ 8,825,802.80	9.11%	21	4.40%
Immune/Metabolic pathways	\$ 2,960,232.01	3.06%	31	6.50%
Molecular pathways	\$ 31,075,733.90	32.08%	171	35.85%
Neural systems	\$ 17,418,734.00	17.98%	82	17.19%
Neuropathology	\$ 2,627,476.50	2.71%	18	3.77%
Sensory and motor function	\$ 4,900,701.00	5.06%	26	5.45%
Subgroups/Biosignatures	\$ 16,482,076.38	17.01%	62	13.00%
<b>TOTAL</b>	<b>\$ 96,872,439.13</b>	<b>100.00%</b>	<b>477</b>	<b>100.00%</b>