



Treatment Action Group



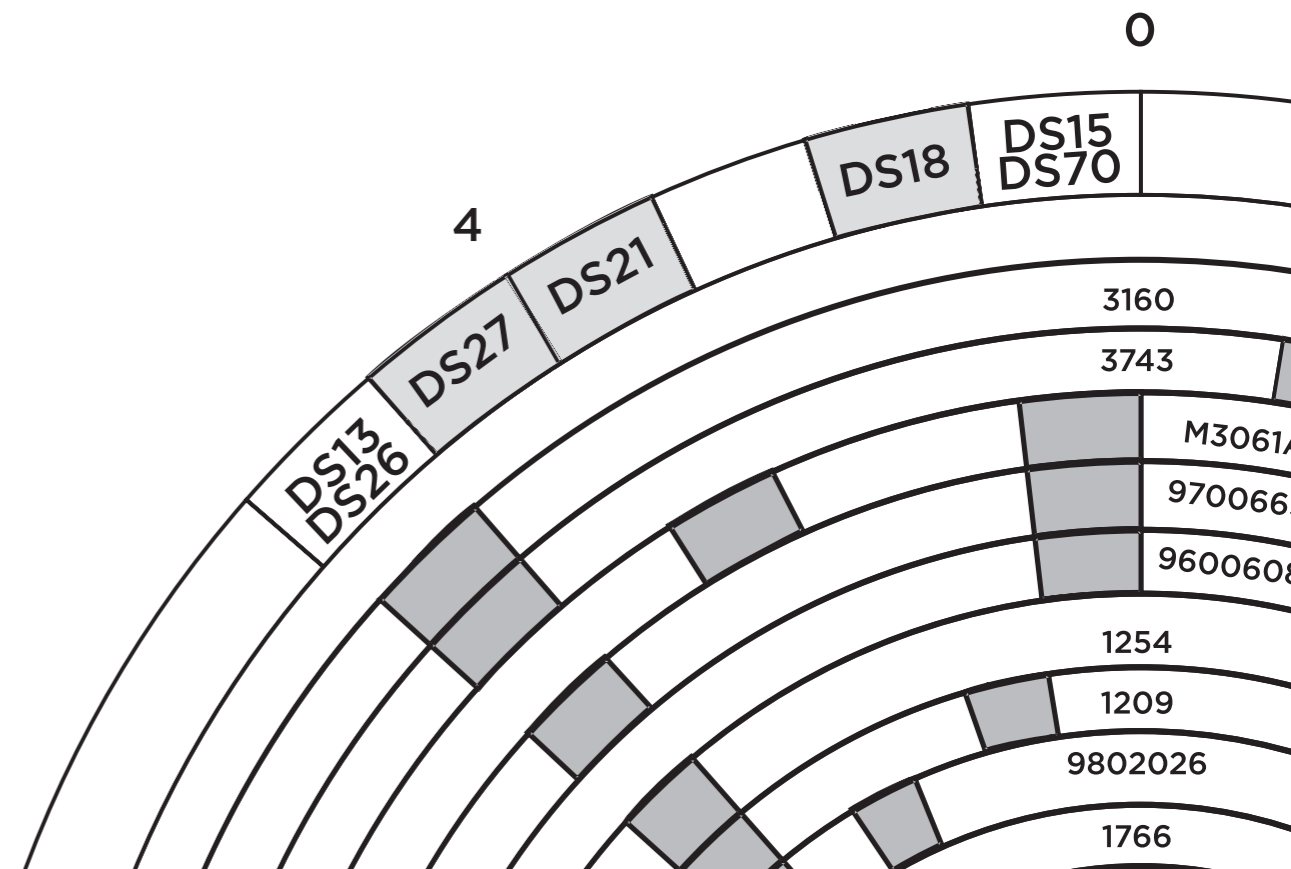
TUBERCULOSIS RESEARCH AND DEVELOPMENT:

# 2014 Report on Tuberculosis Research Funding Trends, 2005-2013

OCTOBER 2014

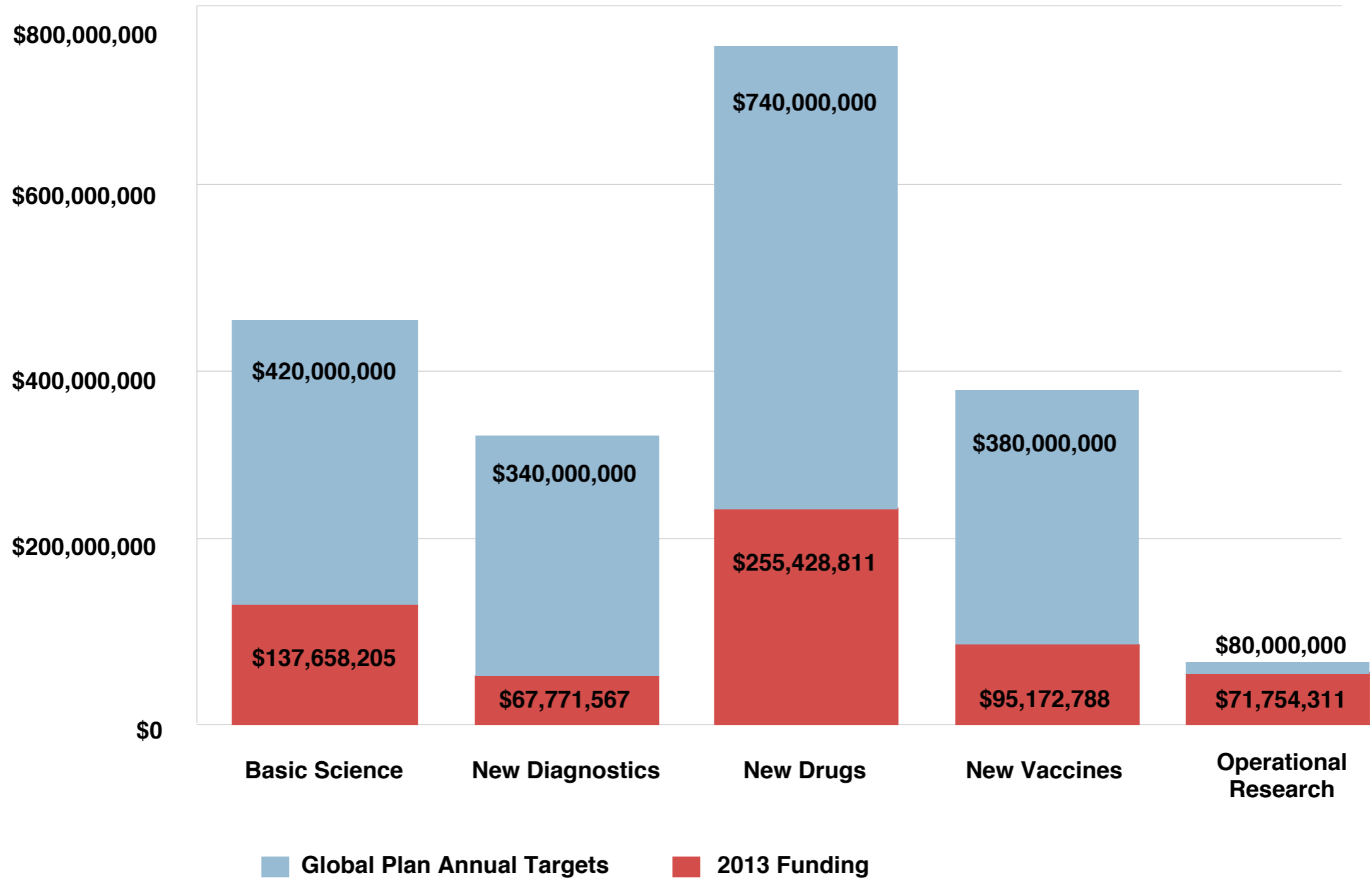
TREATMENT ACTION GROUP

MIKE FRICK



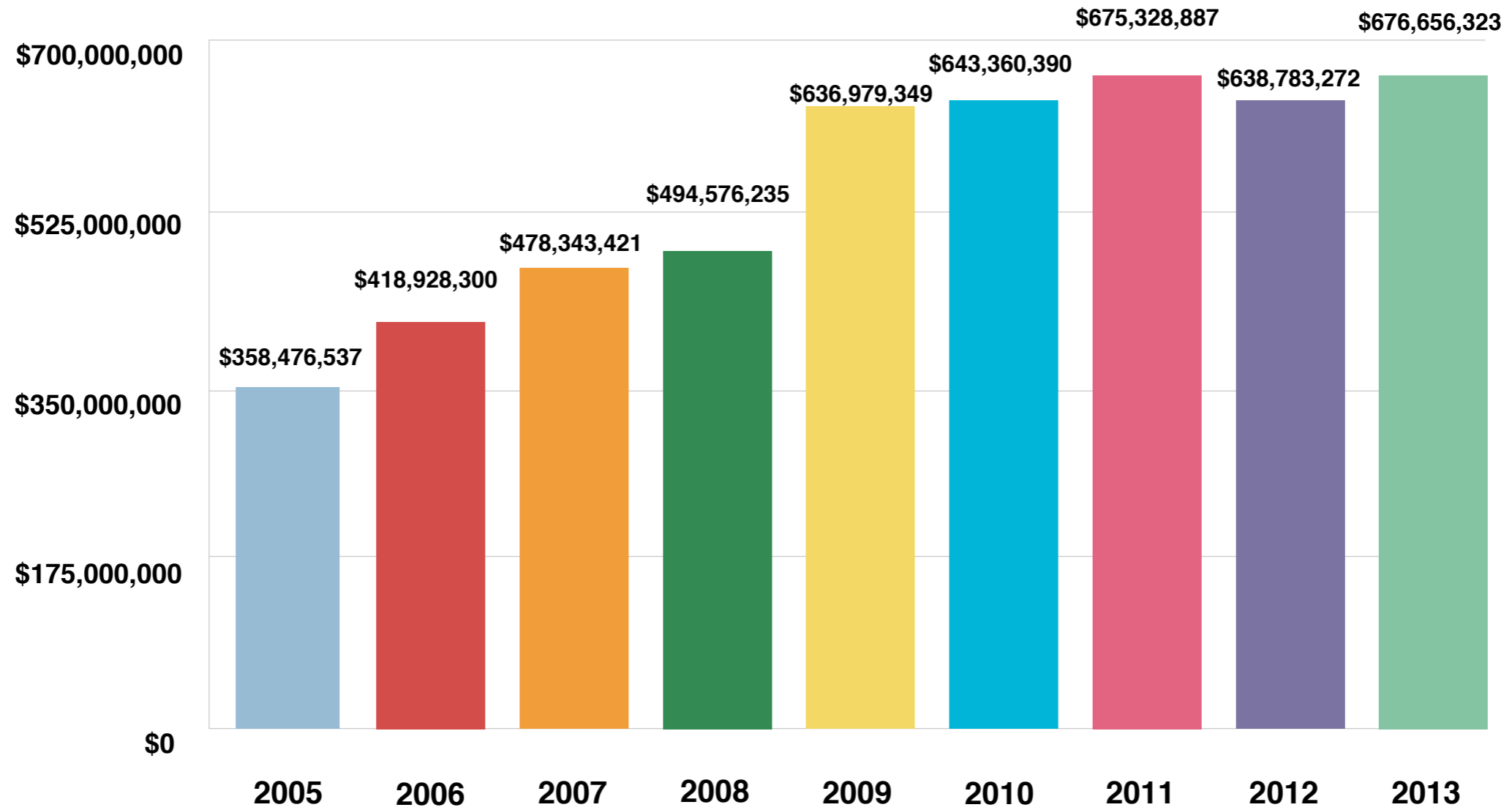
**FIGURE 1**

## Annual Global Plan Research Funding Targets versus 2013 Funding



**FIGURE 2**

## Total TB R&D Funding, 2005-2013



**FIGURE 3**

### Total TB R&D Funding by Funder Category, 2013

Total: \$676,656,323

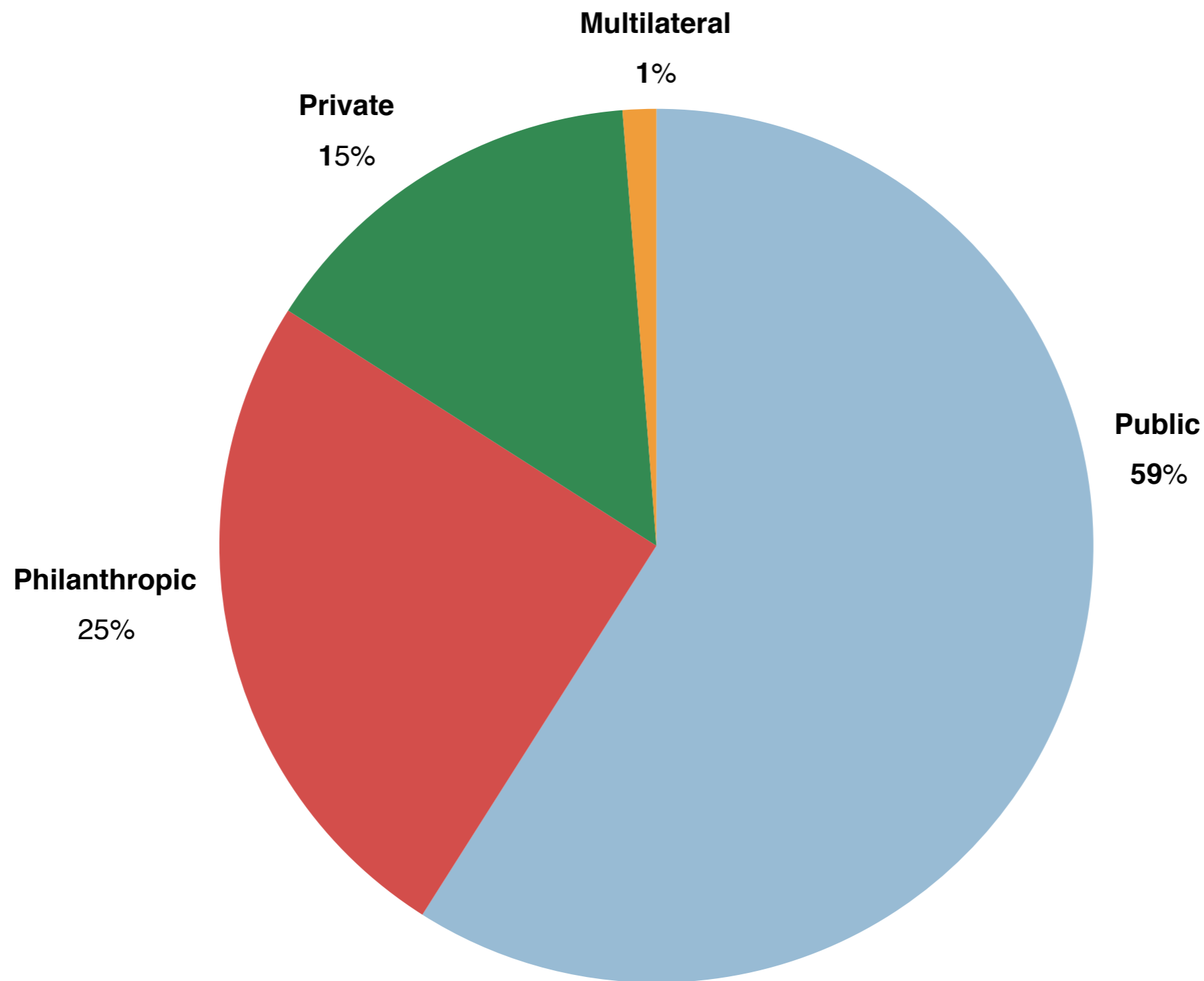
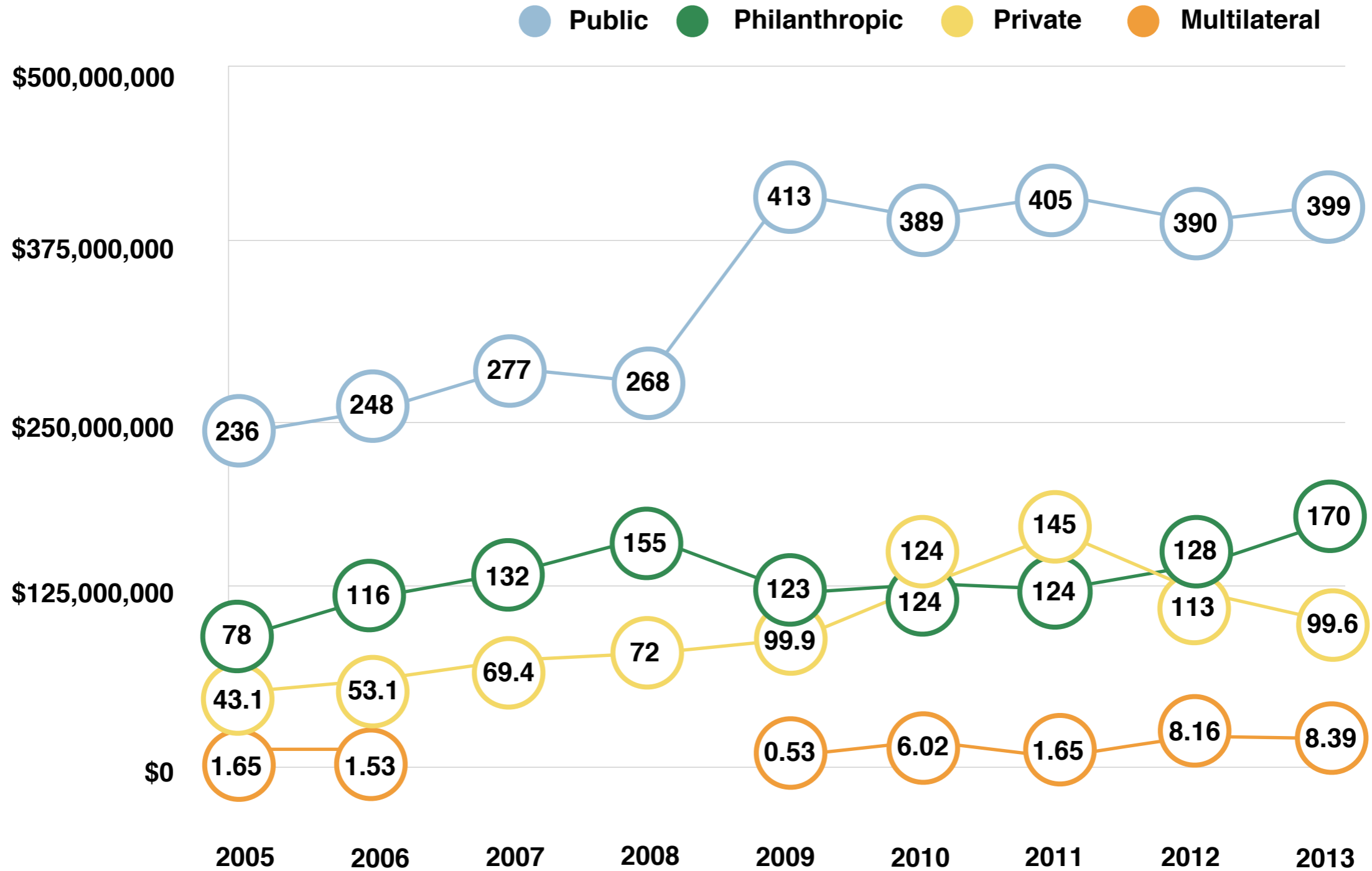


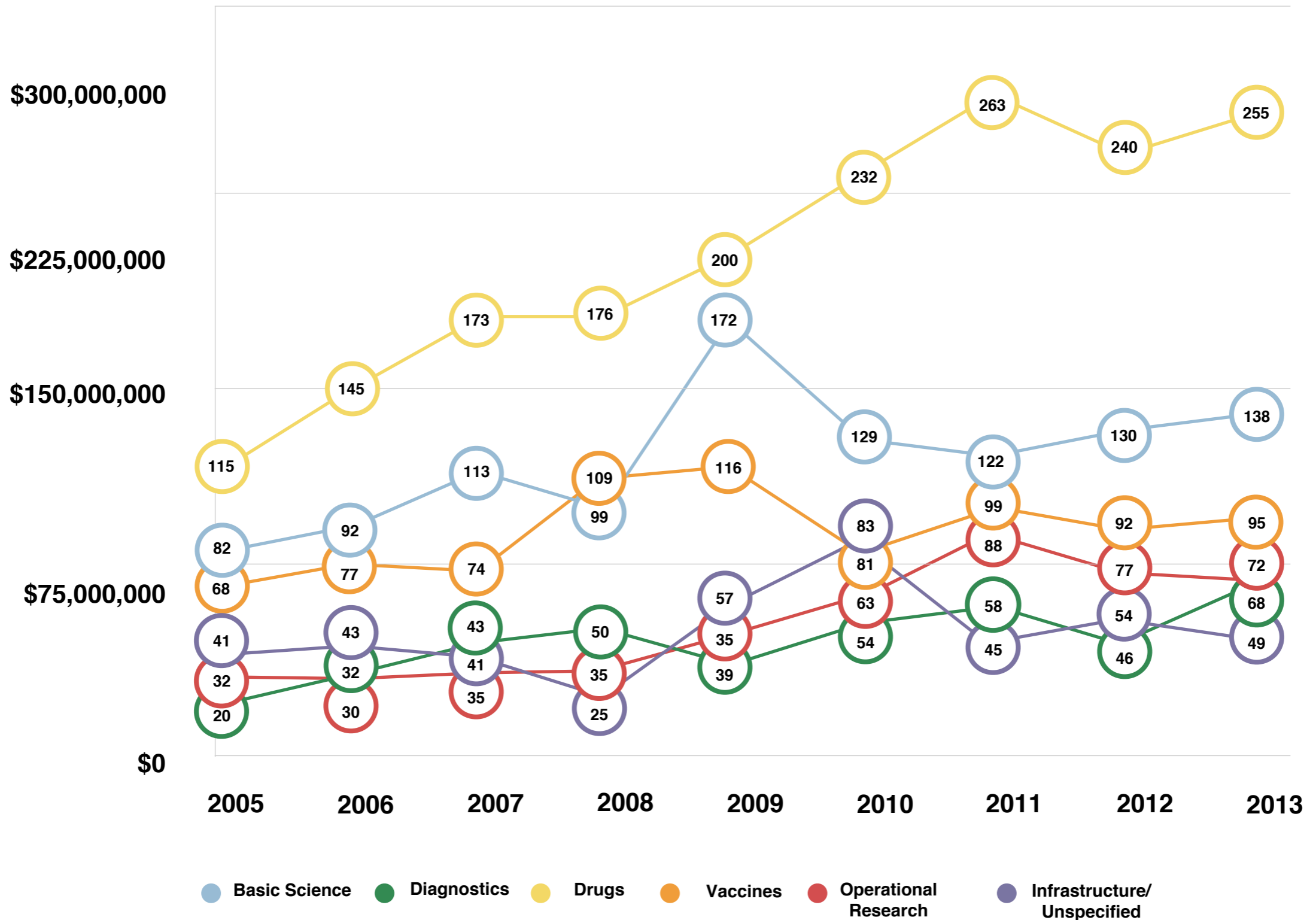
FIGURE 4

### Total TB R&D Funding by Funder Category, 2005-2013 (in USD millions)



**FIGURE 5**

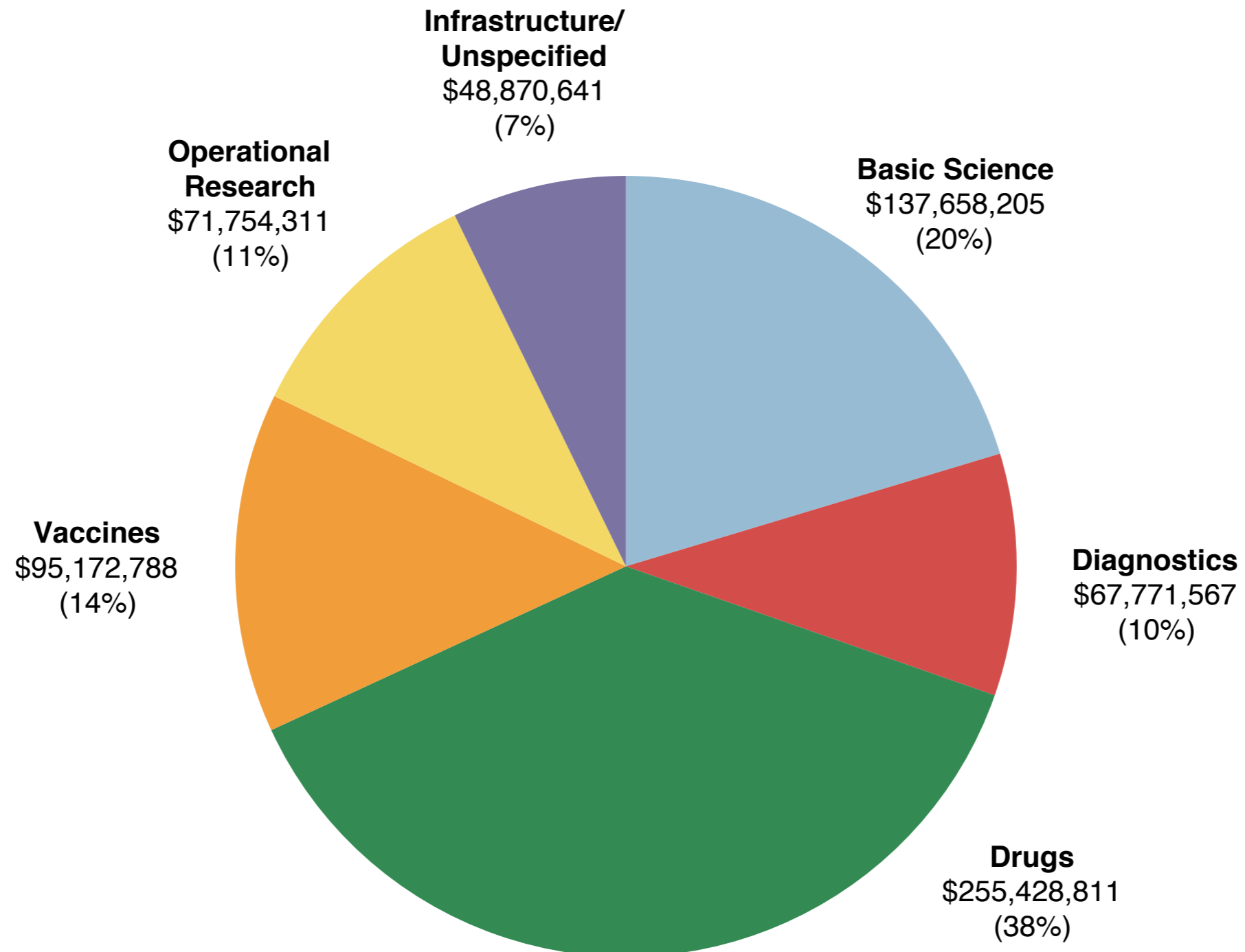
**Total TB R&D Funding by Research Category, 2005-2013 (in USD millions)**



**FIGURE 6**

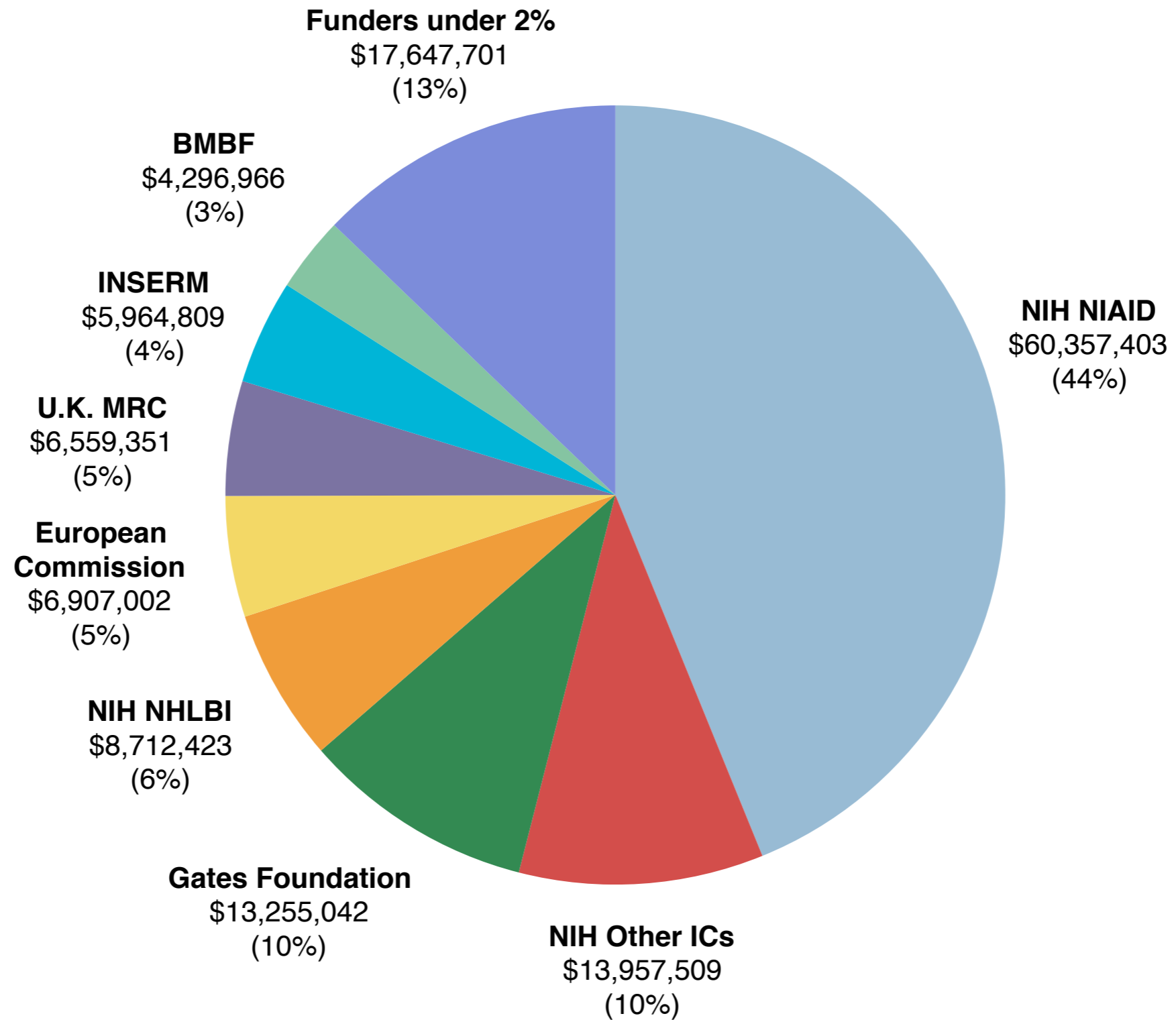
## Total TB R&D Funding by Research Category, 2013

Total: \$676,656,323



**FIGURE 7**

**Basic Science: \$137,658,205**





**FIGURE 8**

**Diagnostics: \$67,771,567**

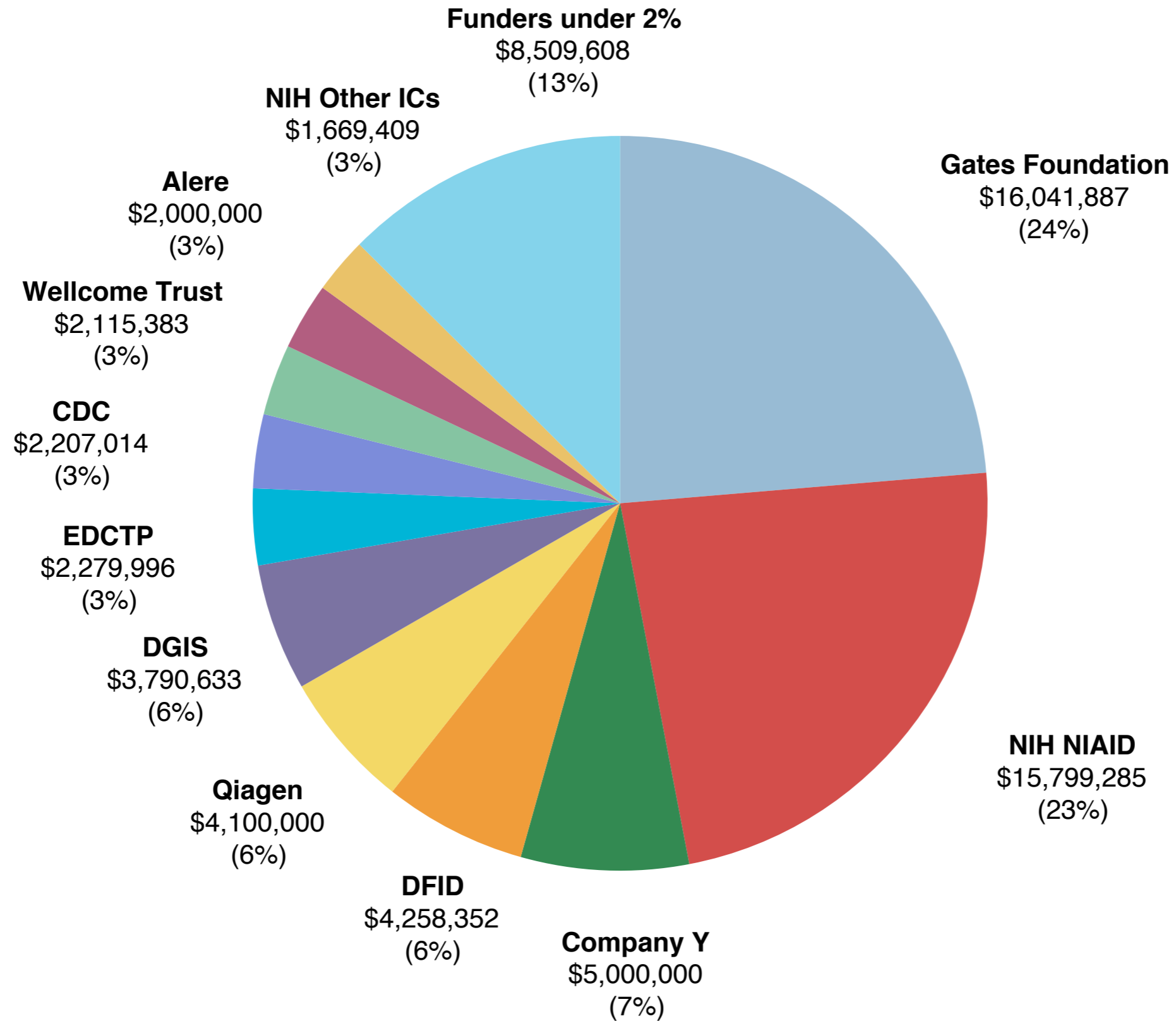
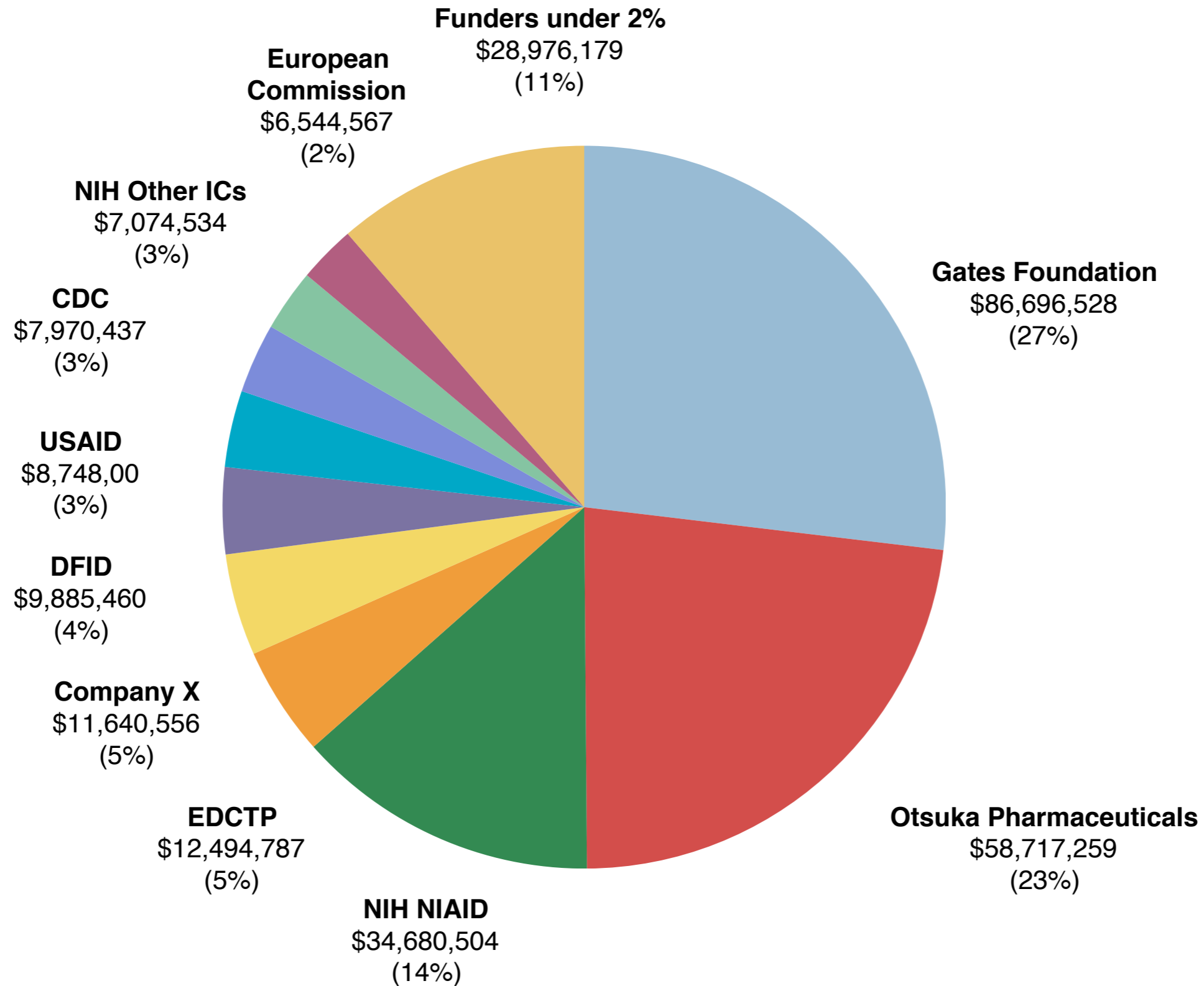


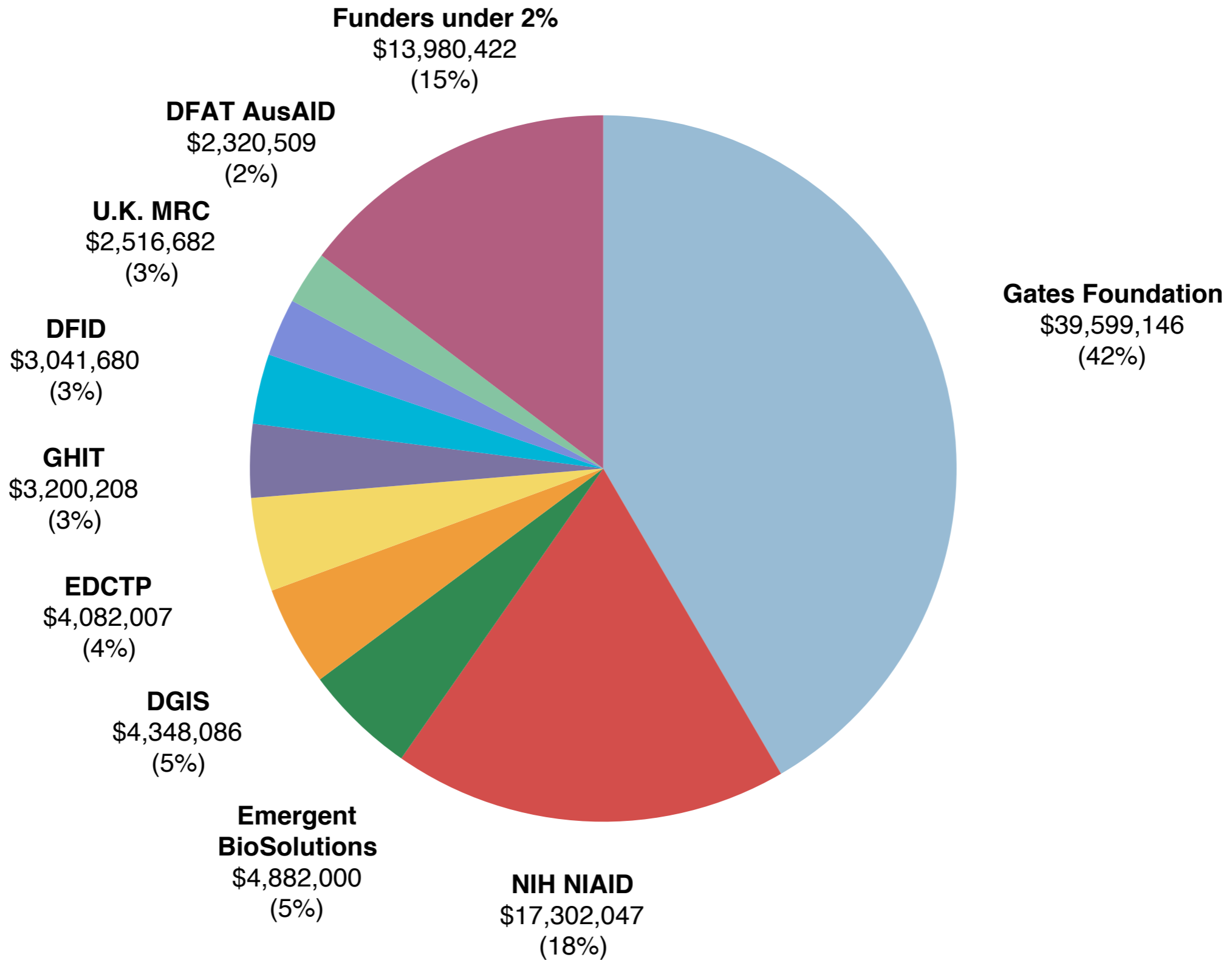
FIGURE 9

**Drugs: \$255,428,811**



**FIGURE 10**

# Vaccines: \$95,172,788



**FIGURE 11**

**Operational Research: \$71,754,311**

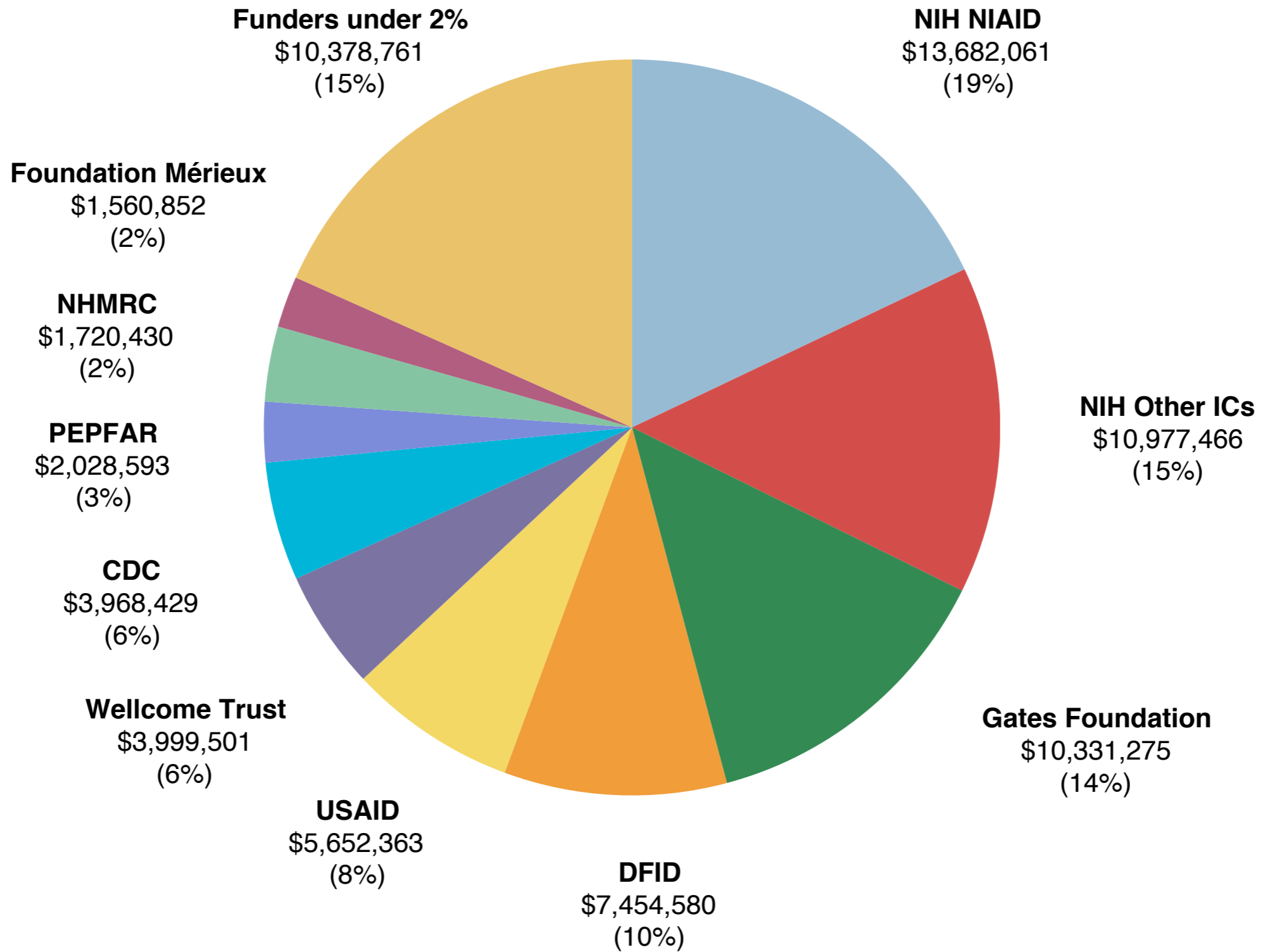


TABLE 3

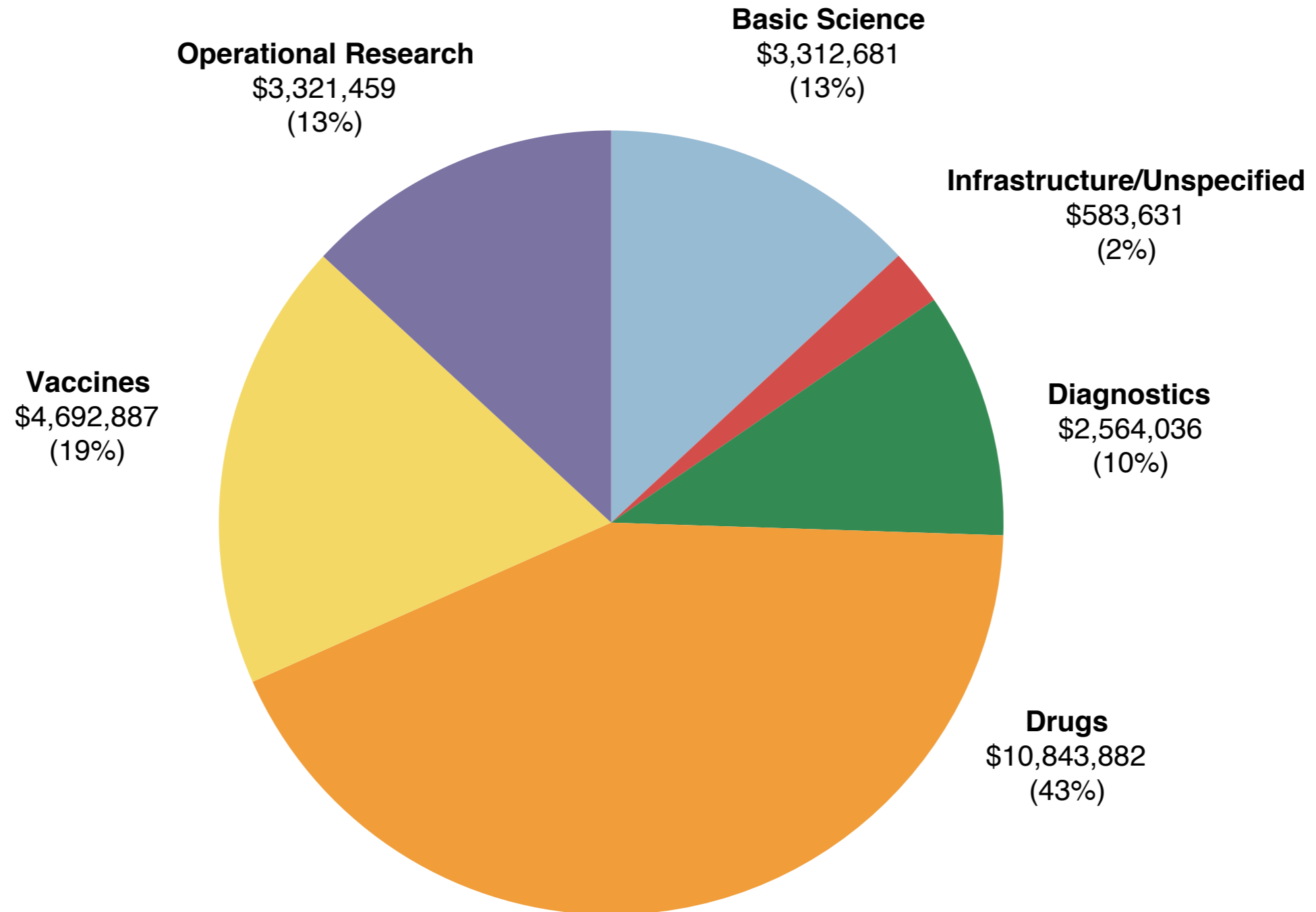
## Pediatric TB R&D Funders by Rank, 2013

2013 Rank	FUNDING ORGANIZATION	FUNDER TYPE	2013 PEDIATRIC TB R&D FUNDING	Percent of Total 2013 PEDIATRIC TB R&D FUNDING	TOTAL 2013 TB R&D FUNDING
1	NIH Other ICs	P	\$4,741,873	18.73	\$36,656,765
2	USAID	P	\$4,338,420	17.14	\$20,429,363
3	UNITAID	M	\$3,412,000	13.48	\$3,412,000
4	European and Developing Countries Clinical Trials Partnership (EDCTP)	P	\$2,473,301	9.77	\$18,980,589
5	Gates Foundation	F	\$2,176,559	8.60	\$147,923,878
6	U.K. Medical Research Council (MRC)	P	\$2,069,201	8.17	\$11,956,068
7	Company X	C	\$1,935,487	7.64	\$13,071,337
8	Wellcome Trust	F	\$1,295,508	5.12	\$14,458,418
9	NIH NIAID	P	\$1,106,235	4.37	\$158,797,248
10	Company V	C	\$520,284	2.05	\$4,278,035
11	Canadian Institutes of Health Research	P	\$393,675	1.55	\$4,490,049
12	Médecins Sans Frontières	F	\$374,604	1.48	\$976,833
13	Australian National Health and Medical Research Council (NHMRC)	P	\$151,481	0.60	\$4,935,036
14	French National Agency for AIDS Research (ANRS)	P	\$114,498	0.45	\$1,330,238
15	Grand Challenges Canada	P	\$100,000	0.39	\$912,475
16	Taiwan Centers for Disease Control	P	\$61,927	0.24	\$1,269,563
17	Firland Foundation	F	\$40,000	0.16	\$163,598
18	Indian Council of Medical Research	P	\$9,315	0.04	\$7,023,773
19	Thrasher Research Fund	F	\$4,209	0.02	\$4,209
	<b>Total</b>		<b>\$25,318,577</b>		

**FIGURE 12**

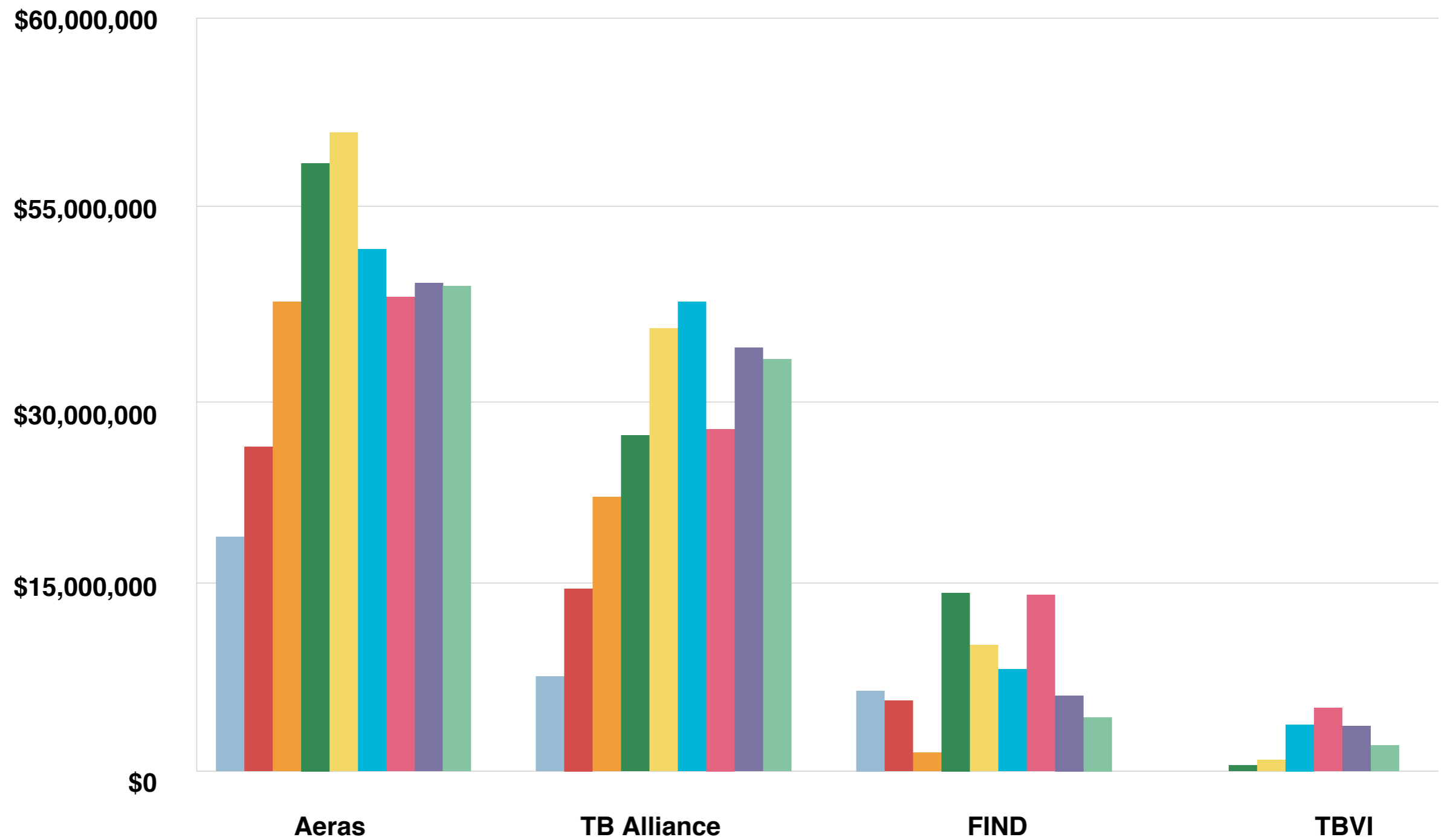
**Pediatric TB R&D Funding by Research Category, 2013**

**Total: \$25,318,577**



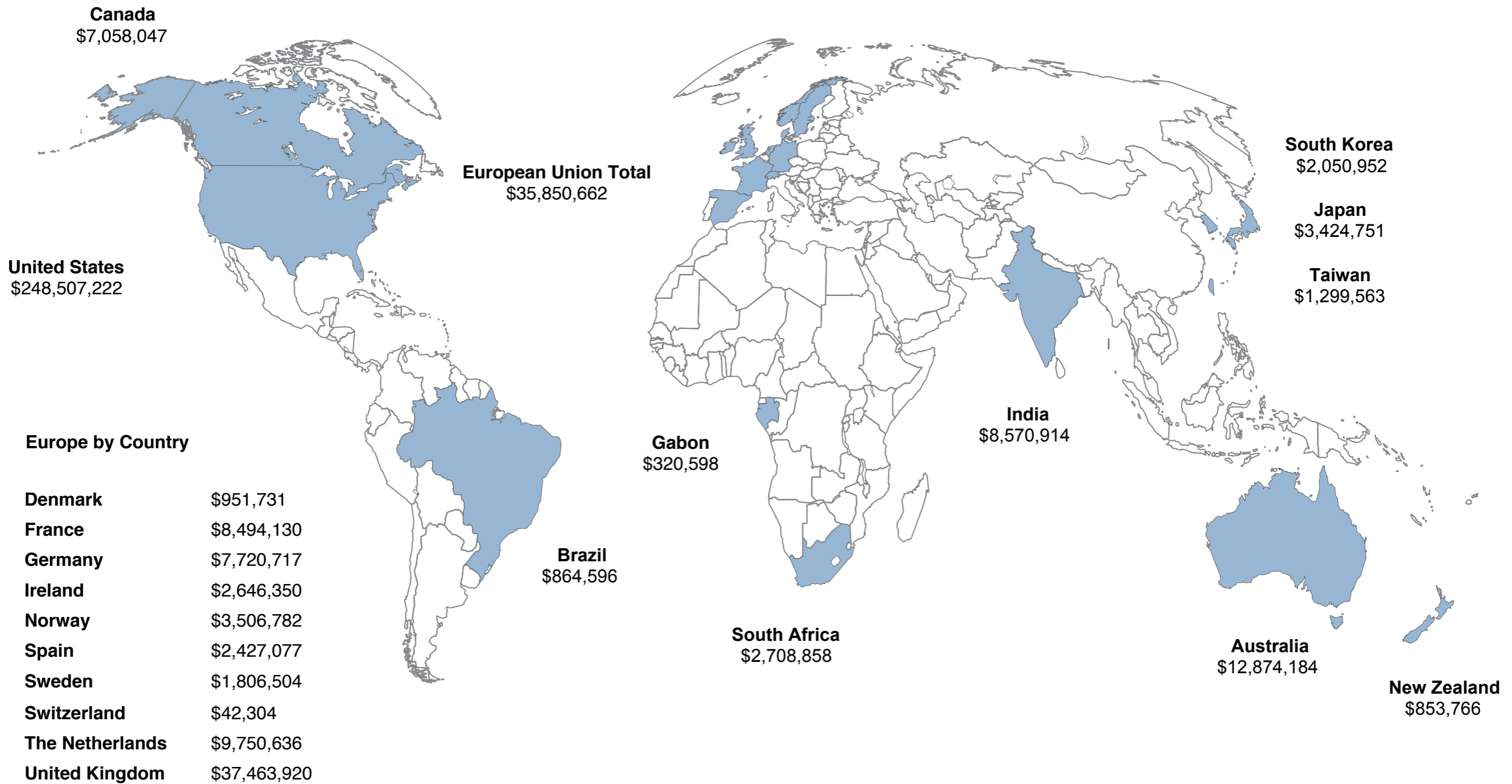
**FIGURE 13**

## Total TB R&D Spending by PDPs, 2005-2013



**FIGURE 14**

# Country Contributions to TB R&D, 2013





**TABLE 4**

**2005–2013 NIH Funding for Selected Infectious Diseases (in USD millions)**

Research Area	2005	2006	2007	2008	2009*	2010*	2011	2012	2013
<b>Tuberculosis</b>	\$158	\$150	\$188	\$142	\$216	\$224	\$209	\$218	\$207
<b>HIV/AIDS</b>	\$2,921	\$2,902	\$2,906	\$2,928	\$3,338	\$3,407	\$3,059	\$3,074	\$2,898
<b>Malaria</b>	\$104	\$98	\$112	\$142	\$121	\$148	\$145	\$152	\$147
<b>Smallpox</b>	\$187	\$149	\$142	\$94	\$98	\$97	\$41	\$40	\$30
<b>Anthrax</b>	\$183	\$150	\$160	\$134	\$115	\$130	\$87	\$84	\$70

\*Includes American Recovery and Reinvestment Act stimulus funds

Source: NIH Estimates of Funding for Various Research, Condition, and Disease Categories (RCDC).

Available from: [http://report.nih.gov/categorical\\_spending.aspx](http://report.nih.gov/categorical_spending.aspx).

**TABLE 5****Summary of Changes in TB R&D Investment, 2005-2013 in USD**

<b>Year</b>	<b>Total TB R&amp;D Investment</b>	<b>Change over Previous Year</b>	<b>Change over Previous Year (%)</b>	<b>Change over 2005</b>	<b>Change over 2005 (%)</b>
<b>2005</b>	\$358,476,537	N/A	N/A	N/A	N/A
<b>2006</b>	\$418,928,300	\$60,451,763	16.86	\$60,451,763	16.86
<b>2007</b>	\$478,343,421	\$59,415,121	14.18	\$119,866,884	33.44
<b>2008</b>	\$494,576,235	\$16,232,815	3.39	\$136,099,698	37.97
<b>2009</b>	\$636,979,349	\$142,403,113	28.79	\$278,502,812	77.69
<b>2010</b>	\$643,360,390	\$6,381,042	1.00	\$284,883,853	79.47
<b>2011</b>	\$675,328,887	\$31,968,497	4.97	\$316,852,350	88.39
<b>2012</b>	\$638,783,272	-\$36,545,615	-5.41	\$280,306,735	78.19
<b>2013</b>	\$676,656,323	\$37,873,051	5.93	\$318,179,786	88.76