

# Summary of the 2008 through 2013 Portfolio

## Analysis data as aligned to the IACC Strategic Plan

Please read the following notes prior to reviewing the table:

- Objective labels are representative of the 2011 Strategic Plan. Thus, projects from 2008 and 2009 may have been labeled with a different objective number compared to the label seen in this chart. However, the funding data is accurately matched to its associated objective on the left even if the objective number was altered in previous years.
- For projects from 2008-2010 there is a direct link to the list of projects for each objective. To view the individual projects in 2011 and 2012, please refer to the project lists included in the meeting materials.
- **Blue** font indicates revisions in the text of the objective, including additions and substitutions in text that occurred from the 2008 Strategic Plan to the 2009 Strategic Plan. The **red** font indicates revisions, including additions and substitutions in text that occurred from the 2009 Strategic Plan to the 2010 Strategic Plan.
- The IACC recommended budget represents the most updated budget cost for 2011. If the recommended budget has been revised since 2008 the year the revision took place is found in parentheses following the budget figure. Thus, if there is no mention of a revision, the IACC recommended budget has remained constant from 2008-2011.
- Current project and funding status for each question or objective is indicated within the table by colored highlighting of the objective. Any objective highlighted **green** has greater than or equal to the recommended funding; any objective highlighted **yellow** has some degree of funding or active projects, but less than the recommended amount; while any objective highlighted **blue** has no funding or active projects.
- Highlighting of each total gives an indication of the progress toward meeting the IACC recommended budget for each objective. **Green** highlighting indicates that funding fully meets the recommend budget. **Yellow** highlighting denotes that funding for a particular objective partially meets the IACC recommended budget, while **blue** highlighting indicates that there has been no funding towards the particular objective.
- Please note that while the green, yellow, and red indicators suggest a funding status for each year and that looking across all years may give some indication of a trend, some agencies and organizations provide all the funding for multiyear grants in a single year, resulting in the appearance of “less funding” in other years, but that projects fulfilling the objectives may still have been ongoing in the years where the funding appears to be less. Thus, it is important to note the numbers of projects in looking across the chart, and to keep in mind that in a series, where, for example, most of the indicators are green, that the objective is likely to be largely “complete” according to the funding-based measure. This, however, does not provide information on whether or not the objectives were completed in terms of intended project results and outcomes. Please also note that in some cases, projects may have been funded, but were accomplished with smaller budgets than anticipated.

## QUESTION 7: WHAT OTHER INFRASTRUCTURE AND SURVEILLANCE MUST BE MET?

IACC Strategic Plan Objectives	Funding							
	2008	2009	2010	2011	2012	2013	Total	
<p>Conduct a needs assessment to determine how to merge or link administrative and/or surveillance databases that allow for tracking the involvement of people living with ASD in health care, education, and social services by 2009.</p> <p><i>IACC Recommended Budget: \$520,000 over 1 year</i></p>	<b>6.4</b> \$0 0 projects	<b>7.A</b> \$0 0 projects	<b>7.A</b> \$0 0 projects	<b>7.A</b> \$0 0 projects	<b>7.A</b> \$0 0 projects	<b>7.A</b> \$0 0 projects	<b>7.A</b> \$0 0 projects	<b>\$0</b>
<p>Conduct an annual "State of the States" assessment of existing State programs and supports for people and families living with ASD by 2011.</p> <p><i>IACC Recommended Budget: \$300,000 each year</i></p>	<b>5.1</b> \$311,670 <a href="#">6 projects</a>	<b>7.B</b> \$7,061 <a href="#">1 project</a>	<b>7.B</b> \$197,128 <a href="#">1 project</a>	<b>7.B</b> \$88,154 <a href="#">1 project</a>	<b>7.B</b> \$0 <a href="#">1 project</a>	<b>7.B</b> \$13,495 1 project	<b>7.B</b> \$13,495 1 project	<b>\$617,508</b>
<p>Develop and have available to the research community means by which to merge or link databases that allow for tracking the involvement of people in ASD research by 2010.</p> <p><i>IACC Recommended Budget: \$1,300,000 over 2 years</i></p>	<b>6.1</b> \$6,767,808 <a href="#">4 projects</a>	<b>7.C</b> \$1,665,180 <a href="#">2 projects</a>	<b>7.C</b> \$2,785,368 <a href="#">5 projects</a>	<b>7.C</b> \$1,387,146 <a href="#">7 projects</a>	<b>7.C</b> \$985,158 <a href="#">6 projects</a>	<b>7.C</b> 1,177,741 5 projects	<b>7.C</b> 1,177,741 5 projects	<b>\$14,768,401</b>
<p>Establish and maintain an international network of biobanks for the collection of brain tissue, fibroblasts for pluripotent stem cells, and other tissue or biological material, by acquisition sites that use standardized protocols for phenotyping, collection, and regulated distribution of limited samples by 2011.</p> <ul style="list-style-type: none"> <li>This includes support for post-processing of tissue, such as genotyping, RNA expression profiling, and MRI.</li> <li>Protocols should be put into place to expand the capacities of ongoing large-scale children's studies to collect and store additional biomaterials, including newborn bloodspots, promoting detection of biological signatures.</li> <li>Support should also be provided to develop an international web-based digital brain atlas that would provide high-resolution 3-D images and quantitative anatomical data from tissue of patients with ASD and disease controls across the lifespan, which could serve as an online resource for quantitative morphological studies, by 2014.</li> </ul> <p><i>IACC Recommended Budget: \$82,700,000 over 5 years</i></p>	<b>2.1 &amp; 2.6</b> \$5,018,579 <a href="#">1 project &amp; 1 project</a>	<b>7.D</b> \$436,815 <a href="#">2 projects</a>	<b>7.D</b> \$7,814,918 <a href="#">6 projects</a>	<b>7.D</b> \$8,531,425 <a href="#">6 projects</a>	<b>7.D</b> \$2,950,550 <a href="#">5 projects</a>	<b>7.D</b> \$3,369,545 7 projects	<b>7.D</b> \$3,369,545 7 projects	<b>\$28,121,832</b>
<p>Begin development of a web-based toolbox to assist researchers in effectively and responsibly disseminating their findings to the community, including people with ASD, their families, and health practitioners by 2011.</p> <p><i>IACC Recommended Budget: \$400,000 over 2 years</i></p>	N/A	<b>7.E</b> \$330,662 <a href="#">2 projects</a>	<b>7.E</b> \$390,134 <a href="#">1 project</a>	<b>7.E</b> \$533,354 <a href="#">1 project</a>	<b>7.E</b> \$0 <a href="#">1 projects</a>	<b>7.E</b> \$0 0 project	<b>7.E</b> \$0 0 project	<b>\$1,254,150</b>
<p>Create funding mechanisms that encourage rapid replication studies of novel or critical findings by 2011.</p> <p><i>No recommended budget assigned by the IACC</i></p>	N/A	<b>7.F</b> \$0 0 projects	<b>7.F</b> \$0 0 projects	<b>7.F</b> \$0 0 projects	<b>7.F</b> \$0 0 projects	<b>7.F</b> \$0 0 projects	<b>7.F</b> \$0 0 projects	<b>\$0</b>
<p>Develop a web-based tool that provides population estimates of ASD prevalence for States based on the most recent prevalence range and average identified by the ADDM Network by 2012. (This objective can be considered completed – CDC's Environmental Tracking tool)</p> <p><i>IACC Recommended Budget: \$200,000 over 2 years</i></p> <p><i>* This objective was completed in 2012</i></p>	N/A	<b>7.G</b> \$0 0 projects	<b>7.G</b> \$0 0 projects	<b>7.G</b> \$0 0 projects	<b>7.G*</b> \$0 0 projects	<b>7.G*</b> \$0 0 projects	<b>7.G*</b> \$0 0 projects	<b>\$0</b>

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## QUESTION 7: WHAT OTHER INFRASTRUCTURE AND SURVEILLANCE MUST BE MET?

IACC Strategic Plan Objectives	Funding						
	2008	2009	2010	2011	2012	2013	Total
<p>Create mechanisms to specifically support the contribution of data from 90% of newly initiated projects to the National Database for Autism Research (NDAR), and link NDAR with other existing data resources by 2012.</p> <p><i>IACC Recommended Budget: \$6,800,000 over 2 years</i></p>	N/A	<b>7.H</b> \$1,932,996 <a href="#">2 projects</a>	<b>7.H</b> \$2,453,253 <a href="#">3 projects</a>	<b>7.H</b> \$1,517,596 <a href="#">1 project</a>	<b>7.H</b> \$3,679,808 <a href="#">5 projects</a>	<b>7.H</b> \$1,026,179 3 projects	<b>\$10,609,832</b>
<p>Supplement existing ADDM Network sites to use population-based surveillance data to conduct at least five hypothesis-driven analyses evaluating factors that may contribute to changes in ASD prevalence by 2012.</p> <p><i>IACC Recommended Budget: \$660,000 over 2 years</i></p>	N/A	<b>7.I</b> \$6,715,815 <a href="#">15 projects</a>	<b>7.I</b> \$6,137,128 <a href="#">13 projects</a>	<b>7.I</b> \$4,928,453 <a href="#">13 projects</a>	<b>7.I</b> \$6,028,878 <a href="#">13 projects</a>	<b>7.I</b> \$6,551,583 13 projects	<b>\$30,361,857</b>
<p>Develop the personnel and technical infrastructure to assist States, territories, and other countries that request assistance describing and investigating potential changes in the prevalence of ASD and other developmental disabilities by 2013.</p> <p><i>IACC Recommended Budget: \$1,650,000 over 3 years</i></p>	N/A	<b>7.J</b> \$494,449 <a href="#">11 projects</a>	<b>7.J</b> \$170,490 <a href="#">4 projects</a>	<b>7.J</b> \$545,414 <a href="#">6 projects</a>	<b>7.J</b> \$159,610 <a href="#">4 projects</a>	<b>7.J</b> \$151,545 2 projects	<b>\$1,521,508</b>
<p>Encourage programs and funding mechanisms that expand the research workforce, enhance interdisciplinary research training, and recruit early-career scientists into the ASD field by 2013.</p> <p><i>IACC Recommended Budget: \$5,000,000 over 3 years</i></p>	N/A	<b>7.K</b> \$2,527,472 <a href="#">7 projects</a>	<b>7.K</b> \$7,358,427 <a href="#">34 projects</a>	<b>7.K</b> \$4,813,286 <a href="#">27 projects</a>	<b>7.K</b> \$10,003,091 <a href="#">25 projects</a>	<b>7.K</b> \$9,560,821 31 projects	<b>\$34,263,097</b>
<p>Expand the number of ADDM sites in order to conduct ASD surveillance <b>in children and adults</b>; conduct complementary direct screening to inform completeness of ongoing surveillance; and expand efforts to include autism subtypes by 2015.</p> <p><i>IACC Recommended Budget: \$16,200,000 over 5 years</i></p>	N/A	<b>7.L</b> \$699,304 <a href="#">2 projects</a>	<b>7.L</b> \$1,429,602 <a href="#">8 projects</a>	<b>7.L</b> \$705,552 <a href="#">6 projects</a>	<b>7.L</b> \$847,002 <a href="#">6 projects</a>	<b>7.L</b> \$3,351,698 6 projects	<b>\$7,033,158</b>
<p>Support 10 "Promising Practices" papers that describe innovative and successful services and supports being implemented in communities that benefit the full spectrum of people with ASD, which can be replicated in other communities, by 2015.</p> <p><i>IACC Recommended Budget: \$75,000 over 5 years</i></p>	N/A	<b>7.M</b> \$0 0 projects	<b>7.M</b> \$0 0 projects	<b>7.M</b> \$0 0 projects	<b>7.M</b> \$0 0 projects	<b>7.M</b> \$0 0 projects	<b>\$0</b>
<p>Enhance networks of clinical research sites offering clinical care in real-world settings that can collect and coordinate standardized and comprehensive diagnostic, biological (e.g., DNA, plasma, fibroblasts, urine), medical, and treatment history data that would provide a platform for conducting comparative effectiveness research and clinical trials of novel autism treatments by 2012.</p> <p><i>IACC Recommended Budget: \$1,850,000 over 1 year</i></p>	N/A	N/A	<b>7.N</b> \$6,662,790 <a href="#">3 projects</a>	<b>7.N</b> \$7,419,887 <a href="#">22 projects</a>	<b>7.N</b> \$5,270,828 <a href="#">22 projects</a>	<b>7.N</b> \$7,616,296 23 projects	<b>\$26,969,801</b>
<p>Create an information resource for ASD researchers (e.g., PhenX Project ) to share information to facilitate data sharing and standardization of methods across projects by 2013.</p> <ul style="list-style-type: none"> <li>This includes common protocols, instruments, designs, and other procedural documents and should include updates on new technology and links to information on how to acquire and utilize technology in development.</li> <li>This can serve as a bidirectional information reference, with autism research driving the development of new resources and technologies, including new model systems, screening tools, and analytic techniques.</li> </ul> <p><i>IACC Recommended Budget: \$2,000,000 over 2 years</i></p>	N/A	N/A	<b>7.O</b> \$605,338 <a href="#">3 projects</a>	<b>7.O</b> \$1,070,941 <a href="#">3 projects</a>	<b>7.O</b> \$728,000 <a href="#">1 project</a>	<b>7.O</b> \$728,000 1 project	<b>\$3,132,279</b>

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## QUESTION 7: WHAT OTHER INFRASTRUCTURE AND SURVEILLANCE MUST BE MET?

IACC Strategic Plan Objectives	Funding						
	2008	2009	2010	2011	2012	2013	Total
Provide resources to centers or facilities that develop promising vertebrate and invertebrate model systems, and make these models more easily available or expand the utility of current model systems, and support new approaches to develop high-throughput screening technologies to evaluate the validity of model systems by 2013. <i>IACC Recommended Budget: \$1,100,000 over 2 years</i> Not specific to any objective <i>IACC Recommended Budget: \$520,000 over 1 year</i>	N/A	N/A	<span style="background-color: green; color: black;">7.P</span> \$1,588,780 <a href="#">1 project</a>	<span style="background-color: cyan; color: black;">7.P</span> \$0 0 projects	<span style="background-color: cyan; color: black;">7.P</span> \$0 0 projects	<span style="background-color: yellow; color: black;">7.P</span> \$125,000 1 project	<b>\$1,713,780</b>
	N/A	<u>7.Core</u> <u>Activities</u> \$1,000,000 <a href="#">2 projects</a>	<u>7.Core</u> <u>Activities</u> \$13,253,709 <a href="#">26 projects</a>	<u>7.Core</u> <u>Activities</u> \$12,314,084 <a href="#">18 projects</a>	<u>7.Core</u> <u>Activities</u> \$16,863,272 <a href="#">23 projects</a>	<u>7.Core</u> <u>Activities</u> \$13,732,127 24 projects	<b>\$57,163,192</b>

## QUESTION 7: WHAT OTHER INFRASTRUCTURE AND SURVEILLANCE MUST BE MET?

IACC Strategic Plan Objectives	Funding						
	2008	2009	2010	2011	2012	2013	Total
<b>Reported funding for Question 7*</b>	N/A	<b>\$15,809,755</b> 46 projects	<b>\$50,847,065</b> 108 projects	<b>\$43,855,291</b> 111 projects	<b>\$47,516,197</b> 112 projects	<b>\$47,404,030</b> 117 projects	<b>\$205,432,338</b>

## QUESTION 7: WHAT OTHER INFRASTRUCTURE AND SURVEILLANCE MUST BE MET?

IACC Strategic Plan Objectives	Funding						
	2008	2009	2010	2011	2012	2013	Total
<b>Adjusted funding for Question 7†</b>	<b>\$12,098,057</b> 12 projects	<b>\$15,809,755</b> 46 projects	<b>\$50,847,065</b> 108 projects	<b>\$43,855,291</b> 111 projects	<b>\$47,516,197</b> 112 projects	<b>\$47,404,030</b> 117 projects	<b>\$217,530,395</b>

\*The “Reported funding” totals reflect the funding and projects originally coded to this Question of the *Strategic Plan*, as reported in the *Portfolio Analysis Report* corresponding to the year indicated at the top of the column. When reading each column of the table vertically, please note that the projects and funding associated with each objective for 2008 may not add up to the reported funding total at the bottom of the column; this is due to adjustments made to account for revisions in the *Strategic Plan*, which caused the shifting of some objectives to other Questions under the *Plan*. The projects and funding associated with these reclassified objectives are now reflected under the Question in which they appear in the *2011 Strategic Plan*.

†The “Adjusted funding” total reflects funding for projects aligned to objectives in the *2011 IACC Strategic Plan* (the most recent version in which objectives were revised) and incorporates funding for projects that may have been coded differently under previous versions of the *Plan*.

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## Summary of Overall Progress on Strategic Plan Objectives through 2013



Inactive (Blue) Objectives



Fulfilled (Green) or Partially Fulfilled (Yellow) Objectives

	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Total	Percentage
Number of Fulfilled Objectives	4	5	9	4	3	0	9	34	43.59%
Number of Partially Fulfilled Objectives	4	4	6	8	6	8	4	40	51.28%
Number of Inactive Objectives	1	0	0	0	0	0	3	4	5.13%
Total	9	9	15	12	9	8	16	78	100.00%

