

**National Nanotechnology Initiative  
Investments by Agency  
FY 2001-2010 (\$ in millions)**

	FY 2001	2002	2003	2004	2005	2006	2007	2008	2009 <sup>††</sup>	2010 <sup>†††</sup>	Total <sup>†</sup>
<b>DOD</b>	125	224	220	291	352	423.9	450.2	460.4	464.0	378.5	3389.0
<b>NSF</b>	150	204	221	256	335	359.7	388.8	408.6	505.0	423.0	3251.1
<b>DOE</b>	88	89	134	202	208	231	236.0	244.7	361.9	351.4	2146.0
<b>DHHS / NIH</b>	40	59	78	106	165	191.6	215.4	304.5	311.3	325.6	1796.4
<b>DOC / NIST</b>	33	77	64	77	79	77.9	87.6	85.6	94.4	90.5	766.0
<b>NASA</b>	22	35	36	47	45	50	19.8	17.4	16.6	16.6	305.4
<b>EPA</b>	5	6	5	5	7	4.5	7.6	12.1	16.4	17.7	86.3
<b>DHHS / NIOSH</b>					3	3.8	7.3	6.9	7.4	12.4	40.8
<b>USDA / NIFA*</b>				2	3	3.9	3.9	5.5	3.3	3.3	24.9
<b>USDA / FS</b>						2.3	2.9	4.6	5.4	5.4	20.6
<b>DOJ</b>	1	1	1	2	2	0.3	1.7	0.1	0.3	0.4	9.8
<b>DHS</b>		2	1	1	1	1.5	2.0	3.2	9.1	11.7	32.5
<b>DOT</b>						0.9	0.9	0.9	2.5	2.5	7.7
<b>Total<sup>†</sup></b>	<b>464</b>	<b>697</b>	<b>760</b>	<b>989</b>	<b>1200</b>	<b>1351.3</b>	<b>1424.1</b>	<b>1554.5</b>	<b>1797.6</b>	<b>1639.0</b>	<b>11876.5</b>

<sup>†</sup> Totals may not add due to rounding.

<sup>††</sup> Estimated, plus estimated American Recovery and Reinvestment Act funds for NSF, DOE, and NIST; other agencies expect to report ARRA funds for NNI later.

<sup>†††</sup> Requested

Agency Key:

**DOD** Department of Defense

**NSF** National Science Foundation

**DOE** Department of Energy

**DHHS / NIH** Department of Health and Human Services, National Institutes of Health

**DOC / NIST** Department of Commerce, National Institute of Standards and Technology

**NASA** National Aeronautics and Space Administration

**EPA** Environmental Protection Agency

**DHHS / NIOSH** Department of Health and Human Services, National Institute of Occupational Safety and Health

**USDA / NIFA** US Department of Agriculture, National Institute of Food and Agriculture (\*formerly CSREES)

**USDA / FS** US Department of Agriculture, Forest Service

**DOJ** Department of Justice

**DHS** Department of Homeland Security

**DOT** Department of Transportation

Sources:

- FY 2001** NNI Research and Development Funding in the President's FY 2009 Budget accessible at [www.ostp.gov/galleries/Budget09/Nano1pager.pdf](http://www.ostp.gov/galleries/Budget09/Nano1pager.pdf)
- FY 2002** NNI Supplement to the President's FY 2004 Budget accessible at [www.nano.gov/nni04\\_budget\\_supplement.pdf](http://www.nano.gov/nni04_budget_supplement.pdf), Table 1, p. 8
- FY 2003** OMB Analytical Perspectives for FY 2005 Budget accessible at [www.gpoaccess.gov/USbudget/fy05/pdf/spec.pdf](http://www.gpoaccess.gov/USbudget/fy05/pdf/spec.pdf), table 5-4, p. 62
- FY 2004** NNI Supplement to the President's FY 2006 Budget accessible at [www.nano.gov/NNI\\_06Budget.pdf](http://www.nano.gov/NNI_06Budget.pdf), Table 3, p. 36
- FY 2005** NNI Supplement to the President's FY 2007 Budget accessible at [www.nano.gov/NNI\\_07Budget.pdf](http://www.nano.gov/NNI_07Budget.pdf), Table 2, p. 35
- FY 2006** NNI Supplement to the President's FY 2008 Budget accessible at [www.nano.gov/NNI\\_08Budget.pdf](http://www.nano.gov/NNI_08Budget.pdf), Table 2, p. 7
- FY 2007** NNI Supplement to the President's FY 2009 Budget accessible at [www.nano.gov/NNI\\_09Budget.pdf](http://www.nano.gov/NNI_09Budget.pdf), Table 3, p. 9
- FY 2008** NNI Supplement to the President's FY 2010 Budget accessible at [www.nano.gov/NNI\\_2010\\_budget\\_supplement.pdf](http://www.nano.gov/NNI_2010_budget_supplement.pdf), Table 3, p. 9
- FY 2009** NNI Supplement to the President's FY 2010 Budget accessible at [www.nano.gov/NNI\\_2010\\_budget\\_supplement.pdf](http://www.nano.gov/NNI_2010_budget_supplement.pdf), Table 4 and 5, p. 9 (est. plus ARRA)
- FY 2010** NNI Supplement to the President's FY 2010 Budget accessible at [www.nano.gov/NNI\\_2010\\_budget\\_supplement.pdf](http://www.nano.gov/NNI_2010_budget_supplement.pdf), Table 6, p. 10  
(requested, ARRA additions not yet available)

**National Nanotechnology Initiative  
Investments by Agency and Program Component Area (PCA)  
FY 2006 (\$ in millions)**

PCA	1	2	3	4	5	6	7	8	Total <sup>†</sup>
<b>DOD</b>	184.6	109.7	110.4	10.8	3.1	4.3	1.0		<b>423.9</b>
<b>NSF</b>	147.3	52.5	43.7	6.6	20.3	37.2	21.0	31.0	<b>359.7</b>
<b>DOE</b>	49.5	57.4	5.5	11.0	0.5	106.1	0.5	0.5	<b>231.0</b>
<b>DHHS / NIH</b>	39.6	16.8	117.2	6.9	1.7	0.1	5.2	4.1	<b>191.6</b>
<b>DOC / NIST</b>	21.9	8.4	18.7	14.9	6.9	4.7	2.4		<b>77.9</b>
<b>NASA</b>	11.0	18.0	20.0		1.0				<b>50.0</b>
<b>EPA</b>	0.2	0.3	0.3				3.7		<b>4.5</b>
<b>DHHS / NIOSH</b>							3.8		<b>3.8</b>
<b>USDA / NIFA*</b>	0.5	1.0	2.1		0.1		0.1	0.1	<b>3.9</b>
<b>USDA / FS</b>	0.4	1.0	0.2	0.5	0.2				<b>2.3</b>
<b>DOJ</b>				0.3					<b>0.3</b>
<b>DHS</b>			1.5						<b>1.5</b>
<b>DOT</b>	0.9								<b>0.9</b>
<b>Total<sup>†</sup></b>	<b>455.9</b>	<b>265.1</b>	<b>319.6</b>	<b>51.0</b>	<b>33.8</b>	<b>152.4</b>	<b>37.7</b>	<b>35.7</b>	<b>1351.2</b>

<sup>†</sup> Totals may not add due to rounding.

Agency Key:

- DOD** Department of Defense
- NSF** National Science Foundation
- DOE** Department of Energy
- DHHS / NIH** Department of Health and Human Services, National Institutes of Health
- DOC / NIST** Department of Commerce, National Institute of Standards and Technology
- NASA** National Aeronautics and Space Administration
- EPA** Environmental Protection Agency
- DHHS / NIOSH** Department of Health and Human Services, National Institute of Occupational Safety and Health
- USDA / NIFA** US Department of Agriculture, National Institute of Food and Agriculture (\*formerly CSREES)
- USDA / FS** US Department of Agriculture, Forest Service
- DOJ** Department of Justice
- DHS** Department of Homeland Security

**DOT** Department of Transportation

PCA Key:

- 1** Fundamental Nanoscale Phenomena and Processes
- 2** Nanomaterials
- 3** Nanoscale Devices and Systems
- 4** Instrumentation Research, Metrology, and Standards
- 5** Nanomanufacturing
- 6** Major Research Facilities and Instrument Acquisition
- 7** Environment, Health, and Safety (reported as 7a through FY2008)
- 8** Education and Societal Dimensions (reported as 7b through FY2008)

**National Nanotechnology Initiative  
Investments by Agency and Program Component Area (PCA)  
FY 2007 (\$ in millions)**

PCA	1	2	3	4	5	6	7	8	Total <sup>†</sup>
<b>DOD</b>	210.1	86.0	120.0	4.3	7.5	22.3			450.2
<b>NSF</b>	145.2	58.4	52.4	14.9	26.6	30.0	26.9	34.4	388.8
<b>DOE</b>	52.6	68.5	9.7	11.3	0.5	92.9		0.5	236.0
<b>DHHS / NIH</b>	45.7	25.4	125.7	5.9	0.8		7.7	4.2	215.4
<b>DOC / NIST</b>	24.2	7.5	22.9	14.2	12.4	5.5	0.9		87.6
<b>NASA</b>	0.8	9.9	9.1						19.8
<b>EPA</b>	0.2	0.2	0.1				7.1		7.6
<b>DHHS / NIOSH</b>						1.7	5.6		7.3
<b>USDA / NIFA*</b>	0.5	1.0	2.1		0.1		0.1	0.1	3.9
<b>USDA / FS</b>	0.4	1.3	0.7	0.3	0.2				2.9
<b>DOJ</b>		0.1		1.6					1.7
<b>DHS</b>			2.0						2.0
<b>DOT</b>	0.9								0.9
<b>Total<sup>†</sup></b>	<b>480.6</b>	<b>258.3</b>	<b>344.7</b>	<b>52.5</b>	<b>48.1</b>	<b>152.4</b>	<b>48.3</b>	<b>39.2</b>	<b>1424.1</b>

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- 6** Major Research Facilities and Instrument Acquisition
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**National Nanotechnology Initiative  
Investments by Agency and Program Component Area (PCA)  
FY 2008 (\$ in millions)**

PCA	1	2	3	4	5	6	7	8	Total <sup>†</sup>
<b>DOD</b>	200.2	73.9	137.9	8.1	7.8	28.7	3.8		460.4
<b>NSF</b>	154.3	72.9	44.6	21.8	20.7	29.1	29.2	35.9	408.6
<b>DOE</b>	50.3	72.4	4.7	16.3	6.8	91.1	2.6	0.5	244.7
<b>DHHS / NIH</b>	47.4	43.1	159.5	5.3	0.7	36.0	11.9	0.6	304.5
<b>DOC / NIST</b>	20.9	9.0	14.8	17.3	10.8	11.5	1.3		85.6
<b>NASA</b>	2.1	9.4	5.9						17.4
<b>EPA</b>	0.2	0.2	0.1				11.6		12.1
<b>DHHS / NIOSH</b>							6.9		6.9
<b>USDA / NIFA*</b>	0.5	1.1	2.5		0.1		0.6	0.7	5.5
<b>USDA / FS</b>	1.7	1.5	1.0	0.2	0.2				4.6
<b>DOJ</b>									0.1
<b>DHS</b>		1.6	1.6						3.2
<b>DOT</b>	0.9								0.9
<b>Total<sup>†</sup></b>	<b>478.5</b>	<b>285.1</b>	<b>372.7</b>	<b>69.0</b>	<b>47.1</b>	<b>196.4</b>	<b>67.9</b>	<b>37.7</b>	<b>1554.4</b>

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**National Nanotechnology Initiative**  
**Investments by Agency and Program Component Area (PCA)**  
**FY 2009** (estimated, \$ in millions)

PCA	1	2	3	4	5	6	7	8	Total <sup>†</sup>
<b>DOD</b>	192.6	76.6	131.8	8.9	25.3	25.2	3.7		464.1
<b>NSF</b>	146.4	74.6	42.3	17.6	21.9	34.4	27.9	32.1	397.2
<b>DOE</b>	96.1	88.5	8.3	31.7	4.9	103.8	3.1	0.5	336.9
<b>DHHS / NIH</b>	48.4	44.5	164.3	5.5	0.7	37.1	10.2	0.6	311.3
<b>DOC / NIST</b>	21.0	7.7	15.3	18.3	10.6	11.2	3.0		87.1
<b>NASA</b>	1.8	9.5	5.3						16.6
<b>EPA</b>	0.2	0.2	0.2				15.8		16.4
<b>DHHS / NIOSH</b>							7.4		7.4
<b>USDA / NIFA*</b>	0.4	0.6	1.5		0.1		0.4	0.3	3.3
<b>USDA / FS</b>	2.0	1.4	0.7	1.1	0.2				5.4
<b>DOJ</b>	0.1		0.1		0.1				0.3
<b>DHS</b>		3.7	5.3		0.1				9.1
<b>DOT</b>		1.5	1.0						2.5
<b>Total<sup>†</sup></b>	<b>509.0</b>	<b>308.8</b>	<b>376.1</b>	<b>83.1</b>	<b>63.9</b>	<b>211.7</b>	<b>71.5</b>	<b>33.5</b>	<b>1657.6</b>

Preliminary American Recovery and Reinvestment Act (ARRA) Investments for FY 2009 (estimated)<sup>††</sup>:

<b>NSF</b>	38.5	27.7	9.2	3.4	3.2	17.7	2.7	5.4	107.8
<b>DOE</b>						25.0			25.0
<b>DOC / NIST</b>						7.3			7.3
<b>ARRA Total</b>	<b>38.5</b>	<b>27.7</b>	<b>9.2</b>	<b>3.4</b>	<b>3.2</b>	<b>50.0</b>	<b>2.7</b>	<b>5.4</b>	<b>140.1</b>

<sup>†</sup> Totals may not add due to rounding.

<sup>††</sup> Other agencies expect to update/report ARRA funding for NNI activities in subsequent fiscal years.

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**National Nanotechnology Initiative**  
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**FY 2010** (requested, \$ in millions)

PCA	1	2	3	4	5	6	7	8	Total <sup>†</sup>
<b>DOD</b>	174.8	61.6	100.6	4.6	14.2	21.0	1.7		378.5
<b>NSF</b>	154.7	80.4	43.8	18.5	22.5	38.5	29.9	34.7	423.0
<b>DOE</b>	103.2	82.4	12.8	35.1	4.9	109.6	2.9	0.5	351.4
<b>DHHS / NIH</b>	48.8	45.2	169.3	5.5	0.7	38.2	17.3	0.6	325.6
<b>DOC / NIST</b>	21.1	7.5	14.4	19.4	10.7	11.4	6.0		90.5
<b>NASA</b>	1.8	9.5	5.3						16.6
<b>EPA</b>	0.2	0.2	0.2				17.1		17.7
<b>DHHS / NIOSH</b>							12.4		12.4
<b>USDA / NIFA*</b>	0.4	0.6	1.5		0.1		0.4	0.3	3.3
<b>USDA / FS</b>	2.0	1.4	0.7	1.1	0.2				5.4
<b>DOJ</b>	0.1		0.1		0.1				0.4
<b>DHS</b>		6.5	4.9		0.3				11.7
<b>DOT</b>		1.5	1.0						2.5
<b>Total<sup>†</sup></b>	<b>507.1</b>	<b>296.8</b>	<b>354.6</b>	<b>84.2</b>	<b>53.7</b>	<b>218.7</b>	<b>87.7</b>	<b>36.1</b>	<b>1639.0</b>

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