

**NEW JERSEY INSTITUTE OF TECHNOLOGY**

**Main Tables**

**2008**

Department / Division	Total Dept Budget		A/Y 2008 Credit Hours Generated		FY07 YE External Rsch Exp.(Excluding All Internally Funded Research and Grants Awarded to Independent Centers)***		Budget \$\$ per Credit Hour	External Research \$\$ per Budget	Freshman to Sophomore Retention Rate (%)	2001 Cohort 6 Years Graduation Rate (%)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	Credits Generated AY 2007-2008			T/TT Faculty Credits Generated AY 2007-2008		
	Values	%	Values	%	Values	%							U	G	Total	U	G	Total
	Computer Science	5,552,269	8.2%	13,380	8.0%	876,450							3.2%	414.97	0.16	80%	50%	0.00
Information Systems	2,185,339	3.2%	5,034	3.0%	1,247,134	4.5%	434.12	0.57	60%	47%	0.50	5	0.72	1.73	0.94	0.41	0.88	0.55
Information Technology	683,496	1.0%	4,821	2.9%	-	0.0%	141.77	-	81%	59%	n/a	n/a	3.70	0.00	2.88	n/a	n/a	n/a
<b>Total - College of Computing Sciences</b>	<b>8,421,104</b>	<b>12.4%</b>	<b>23,235</b>	<b>14.0%</b>	<b>2,123,584</b>	<b>7.6%</b>	<b>362.43</b>	<b>0.25</b>	<b>79%</b>	<b>52%</b>	<b>0.15</b>	<b>7.29</b>	<b>0.91</b>	<b>1.91</b>	<b>1.13</b>	<b>0.62</b>	<b>1.55</b>	<b>0.90</b>
Civil & Environmental Engineering	5,040,336	7.4%	7,833	4.7%	1,259,205	4.5%	643.47	0.25	83%	45%	0.12	2.46	0.65	0.57	0.64	1.15	0.80	1.04
Electrical and Computer Engineering	7,623,706	11.2%	11,542	6.9%	2,359,695	8.5%	660.52	0.31	82%	54%	0.42	5.00	0.45	1.20	0.62	0.74	1.23	0.89
Chemical Engineering	3,895,941	5.7%	4,010	2.4%	3,669,611	13.2%	971.56	0.94	87%	27%	0.28	2.11	0.32	0.79	0.42	0.84	0.94	0.87
Mechanical Engineering	3,621,019	5.3%	5,832	3.5%	882,554	3.2%	620.89	0.24	71%	40%	0.36	1.57	0.68	0.57	0.66	0.81	0.77	0.80
Industrial and Manufacturing Engineering	2,074,269	3.0%	5,152	3.1%	-	0.0%	402.61	0.00	80%	50%	0.00	5.36	0.44	3.04	1.02	0.75	2.47	1.27
Biomedical Engineering	2,811,057	4.1%	4,323	2.6%	2,286,433	8.2%	650.26	0.81	82%	64%	0.27	3.73	0.46	1.21	0.63	0.40	1.08	0.61
Engineering Technology	1,972,937	2.9%	6,197	3.7%	243,598	0.9%	318.37	0.12	76%	50%	n/a	-	1.65	0.00	1.28	1.12	0.09	0.81
Interdisciplinary Program on Transportation*	164,475	0.2%	372	0.2%	12,154	0.0%	442.14	0.07	n/a	n/a	n/a	n/a	0.00	4.18	0.92	n/a	n/a	n/a
<b>Total - Newark College of Engineering</b>	<b>27,203,740</b>	<b>40.0%</b>	<b>45,261</b>	<b>27.2%</b>	<b>10,713,250</b>	<b>38.5%</b>	<b>601.04</b>	<b>0.39</b>	<b>80%</b>	<b>50%</b>	<b>0.26</b>	<b>3.25</b>	<b>0.59</b>	<b>1.01</b>	<b>0.68</b>	<b>0.83</b>	<b>1.03</b>	<b>0.89</b>
Chemistry and Environmental Science	3,297,206	4.8%	8,307	5.0%	4,632,840	16.7%	396.92	1.41	100%	0%	0.17	1.42	1.15	0.62	1.03	0.45	0.50	0.47
Mathematics	8,039,662	11.8%	23,236	14.0%	2,214,802	8.0%	346.00	0.28	79%	63%	0.10	0.55	1.41	0.38	1.18	1.70	0.48	1.33
Physics****	4,641,514	6.8%	9,345	5.6%	6,032,684	21.7%	496.68	1.30	100%	100%	0.21	0.11	1.02	0.12	0.82	0.62	0.07	0.45
Humanities	3,528,606	5.2%	15,554	9.3%	255,757	0.9%	226.86	0.07	56%	50%	n/a	1.17	2.22	0.33	1.80	1.21	0.21	0.91
Biology	-	0.0%	-	0.0%	-	0.0%	n/a	n/a	76%	75%	0.00	-	n/a	n/a	n/a	n/a	n/a	n/a
History	809,466	1.2%	2,529	1.5%	-	0.0%	320.07	-	75%	100%	n/a	-	1.64	0.00	1.28	1.19	0.00	0.83
<b>Total - College of Science and Liberal Arts</b>	<b>20,316,455</b>	<b>29.9%</b>	<b>58,971</b>	<b>35.4%</b>	<b>13,136,083</b>	<b>47.2%</b>	<b>344.52</b>	<b>0.65</b>	<b>76%</b>	<b>67%</b>	<b>0.11</b>	<b>0.61</b>	<b>1.43</b>	<b>0.33</b>	<b>1.19</b>	<b>1.15</b>	<b>0.33</b>	<b>0.90</b>
NJ School of Architecture*****	5,483,613	8.1%	15,766	9.5%	1,746,638	6.3%	347.81	0.32	88%	59%	0	1.94	1.29	0.77	1.18	0.86	0.41	0.72
<b>Total - New Jersey School of Architecture</b>	<b>5,483,613</b>	<b>8.1%</b>	<b>15,766</b>	<b>9.5%</b>	<b>1,746,638</b>	<b>6.3%</b>	<b>347.81</b>	<b>0.32</b>	<b>88%</b>	<b>59%</b>	<b>0</b>	<b>1.94</b>	<b>1.29</b>	<b>0.77</b>	<b>1.18</b>	<b>0.86</b>	<b>0.41</b>	<b>0.72</b>
School of Management	6,390,792	9.4%	22,845	13.7%	101,404	0.4%	279.75	0	82%	44%	0.09	5.09	1.30	2.02	1.46	1.92	2.81	2.19
<b>Total - School of Management</b>	<b>6,390,792</b>	<b>9.4%</b>	<b>22,845</b>	<b>13.7%</b>	<b>101,404</b>	<b>0.4%</b>	<b>279.75</b>	<b>0</b>	<b>82%</b>	<b>44%</b>	<b>0.09</b>	<b>5.09</b>	<b>1.30</b>	<b>2.02</b>	<b>1.46</b>	<b>1.92</b>	<b>2.81</b>	<b>2.19</b>
Material Science and Engineering**	202,986	0.3%	342	0.2%	-	0.0%	593.53	-	0%	n/a	n/a	n/a	0.36	1.83	0.69	n/a	n/a	n/a
<b>Total - Provost and Acd. Affairs</b>	<b>202,986</b>	<b>0.3%</b>	<b>342</b>	<b>0.2%</b>	<b>-</b>	<b>0.0%</b>	<b>593.53</b>	<b>-</b>	<b>0%</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.36</b>	<b>1.83</b>	<b>0.69</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
<b>Grand Total</b>	<b>68,018,690</b>	<b>100.0%</b>	<b>166,420</b>	<b>100.0%</b>	<b>27,820,958</b>	<b>100.0%</b>	<b>408.72</b>	<b>0.41</b>	<b>81%</b>	<b>52%</b>	<b>0.18</b>	<b>2.98</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

\*\*\*Note: The following centers are excluded from the research total: Center for Transportation information and Decision Engineering, National Center for Transportation and Industrial Productivity, Polymer Engineering Center, Center for Manufacturing Systems, Microelectronics Fabrication Center, Homeland Security Center, Center for Computing Research, Center for Information Age Technology, York Center for Environmental Engineering and Science, Hazardous Substance Management Research Center, Northeast Hazardous Substance Research Center/EPA, Enterprise Development Center, York Center for Environmental Engineering and Science, Manufacturing Extension Program, North Jersey Transportation Planning Authority, Defense

\*\*\*\*Note: The Center for Solar Research has been included in Physics because all Solar grants have been awarded to active Physics researchers.

\*\*\*\*\*Note: The Center for Architecture and Building Science has been included in Architecture

2007

Department / Division	Total Dept Budget		A/Y 2007 Credit Hours Generated		FY06 YE External Rsch Exp.(Excluding All Internally Funded Research and Grants Awarded to Independent Centers)***		Budget \$\$ per Credit Hour	External Research \$\$ per Budget	Freshman to Sophomore Retention Rate (%)	2000 Cohort 6 Graduation Rate (%)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	Credits Generated AY 2006-2007			T/TT Faculty Credits Generated AY 2006-2007		
	Values	%	Values	%	Values	%							U	G	Total	U	G	Total
	Computer Science	5,823,024	8.5%	15,487	9.4%	343,898							1.5%	375.99	0.06	79%	57%	0.44
Information Systems	2,404,951	3.5%	4,509	2.7%	1,577,848	7.1%	533.37	0.66	69%	58%	0.50	7.00	0.58	1.43	0.78	0.48	0.98	0.63
Information Technology	659,524	1.0%	4,845	2.9%	-	0.0%	136.12	-	58%	0%	n/a	n/a	3.93	0.00	3.04	n/a	n/a	n/a
<b>Total - College of Computing Sciences</b>	<b>8,887,498</b>	<b>13.0%</b>	<b>24,841</b>	<b>15.1%</b>	<b>1,921,746</b>	<b>8.6%</b>	<b>357.78</b>	<b>0.22</b>	<b>69%</b>	<b>57%</b>	<b>0.46</b>	<b>8.13</b>	<b>0.90</b>	<b>2.04</b>	<b>1.16</b>	<b>0.75</b>	<b>1.82</b>	<b>1.08</b>
Civil & Environmental Engineering	4,937,304	7.2%	7,853	4.8%	916,594	4.1%	628.72	0.19	85%	67%	0.12	1.88	0.65	0.69	0.66	1.15	0.77	1.03
Electrical and Computer Engineering	7,727,984	11.3%	12,803	7.8%	2,664,612	11.9%	603.61	0.34	80%	59%	0.68	4.32	0.53	1.23	0.69	0.82	1.28	0.96
Chemical Engineering	3,975,446	5.8%	3,813	2.3%	3,299,826	14.8%	1042.60	0.83	86%	50%	0.11	1.89	0.32	0.66	0.40	0.64	0.62	0.63
Mechanical Engineering	3,889,525	5.7%	5,304	3.2%	753,207	3.4%	733.32	0.19	80%	57%	0.41	1.35	0.58	0.49	0.56	0.71	0.87	0.76
Industrial and Manufacturing Engineering	2,251,496	3.3%	4,443	2.7%	65	0.0%	506.75	0.00	100%	35%	0.08	6.75	0.39	2.27	0.82	0.74	1.78	1.06
Biomedical Engineering	2,684,141	3.9%	4,663	2.8%	1,116,812	5.0%	575.63	0.42	91%	n/a	0.11	3.00	0.51	1.43	0.72	0.28	1.14	0.55
Engineering Technology	1,810,227	2.7%	5,607	3.4%	144,672	0.6%	322.85	0.08	100%	n/a	-	-	1.66	0.00	1.28	1.17	0.19	0.87
Interdisciplinary Program on Transportation*	166,506	0.2%	354	0.2%	-	0.0%	470.36	-	n/a	n/a	n/a	n/a	0.00	3.87	0.88	n/a	n/a	n/a
<b>Total - Newark College of Engineering</b>	<b>27,442,630</b>	<b>40.2%</b>	<b>44,840</b>	<b>27.2%</b>	<b>8,895,788</b>	<b>39.8%</b>	<b>612.01</b>	<b>0.32</b>	<b>83%</b>	<b>58%</b>	<b>0.30</b>	<b>3.06</b>	<b>0.59</b>	<b>0.99</b>	<b>0.68</b>	<b>0.80</b>	<b>0.98</b>	<b>0.85</b>
Chemistry and Environmental Science	3,408,100	5.0%	7,679	4.7%	1,614,930	7.2%	443.82	0.47	71%	100%	0.64	1.86	1.03	0.59	0.93	0.74	0.61	0.70
Mathematics	8,213,543	12.0%	22,622	13.7%	1,853,268	8.3%	363.08	0.23	83%	38%	0.07	0.98	1.37	0.36	1.14	1.69	0.49	1.32
Physics****	4,626,659	6.8%	8,923	5.4%	5,961,395	26.7%	518.51	1.29	75%	33%	0.22	0.22	1.00	0.11	0.80	0.71	0.10	0.52
Humanities	3,899,996	5.7%	15,450	9.4%	98,436	0.4%	252.43	0.03	100%	50%	n/a	0.87	2.03	0.33	1.64	1.38	0.19	1.01
Biology	-	0.0%	-	0.0%	-	0.0%	n/a	n/a	75%	50%	-	-	n/a	n/a	n/a	n/a	n/a	n/a
History	682,723	1.0%	3,255	2.0%	-	0.0%	209.75	-	100%	100%	n/a	-	2.55	0.00	1.97	2.99	0.00	2.07
<b>Total - College of Science and Liberal Arts</b>	<b>20,831,020</b>	<b>30.5%</b>	<b>57,929</b>	<b>35.1%</b>	<b>9,528,029</b>	<b>42.6%</b>	<b>359.60</b>	<b>0.46</b>	<b>80%</b>	<b>48%</b>	<b>0.16</b>	<b>0.87</b>	<b>1.39</b>	<b>0.32</b>	<b>1.15</b>	<b>1.30</b>	<b>0.36</b>	<b>1.01</b>
NJ School of Architecture*****	5,456,060	8.0%	15,914	9.6%	1,937,597	8.7%	342.85	0.36	88%	50%	-	2.06	1.34	0.77	1.21	1.10	0.42	0.89
<b>Total - New Jersey School of Architecture</b>	<b>5,456,060</b>	<b>8.0%</b>	<b>15,914</b>	<b>9.6%</b>	<b>1,937,597</b>	<b>8.7%</b>	<b>342.85</b>	<b>0.36</b>	<b>88%</b>	<b>50%</b>	<b>-</b>	<b>2.06</b>	<b>1.34</b>	<b>0.77</b>	<b>1.21</b>	<b>1.10</b>	<b>0.42</b>	<b>0.89</b>
School of Management	5,475,172	8.0%	21,072	12.8%	66,726	0.3%	259.83	0.01	80%	68%	0.11	4.89	1.43	2.14	1.59	1.23	2.82	1.72
<b>Total - School of Management</b>	<b>5,475,172</b>	<b>8.0%</b>	<b>21,072</b>	<b>12.8%</b>	<b>66,726</b>	<b>0.3%</b>	<b>259.83</b>	<b>0.01</b>	<b>80%</b>	<b>68%</b>	<b>0.11</b>	<b>4.89</b>	<b>1.43</b>	<b>2.14</b>	<b>1.59</b>	<b>1.23</b>	<b>2.82</b>	<b>1.72</b>
Material Science and Engineering**	200,871	0.3%	432	0.3%	-	0.0%	464.98	-	n/a	n/a	n/a	n/a	0.42	2.50	0.89	n/a	n/a	n/a
<b>Total - Provost and Acd. Affairs</b>	<b>200,871</b>	<b>0.3%</b>	<b>432</b>	<b>0.3%</b>	<b>-</b>	<b>0.0%</b>	<b>464.98</b>	<b>-</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.42</b>	<b>2.50</b>	<b>0.89</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
<b>Grand Total</b>	<b>68,293,252</b>	<b>100.0%</b>	<b>165,028</b>	<b>100.0%</b>	<b>22,349,886</b>	<b>100.0%</b>	<b>413.83</b>	<b>0.33</b>	<b>82%</b>	<b>57%</b>	<b>0.25</b>	<b>3.09</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

\*\*\*Note: The following centers are excluded from the research total: Center for Transportation information and Decision Engineering, National Center for Transportation and Industrial Productivity, Polymer Engineering Center, Center for Manufacturing Systems, Microelectronics Fabrication Center, Homeland Security Center, Center for Computing Research, Center for Information Age Technology, York Center for Environmental Engineering and Science, Hazardous Substance Management Research Center, Northeast Hazardous Substance Research Center/EPA, Enterprise Development Center, York Center for Environmental Engineering and Science, Manufacturing Extension Program, North Jersey Transportation Planning Authority, Defense

\*\*\*\*Note: The Center for Solar Research has been included in Physics because all Solar grants have been awarded to active Physics researchers.

\*\*\*\*\*Note: The Center for Architecture and Building Science has been included in Architecture

2006

Department / Division	Total Dept Budget		A/Y 2006 Credit Hours Generated		FY05 YE External Rsch Exp.(Excluding All Internally Funded Research and Grants Awarded to Centers)***		Budget \$\$ per Credit Hour	External Research \$\$ per Budget	Freshman to Sophomore Retention Rate (%)	1999 Cohort 6 Years Graduation Rate (%)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	Credits Generated AY 2005-2006			T/TT Faculty Credits Generated AY 2005-2006		
	Values	%	Values	%	Values	%							U	G	Total	U	G	Total
Computer Science	6,024,533	9.2%	-	0.0%	540,385	2.5%	n/a	0.09	71%	n/a	n/a	7.31	n/a	n/a	n/a	0.89	2.68	1.42
Information Systems	2,766,750	4.2%	-	0.0%	625,902	2.9%	n/a	0.23	80%	n/a	n/a	4.77	n/a	n/a	n/a	0.49	0.64	0.54
Computer & Information Science	8,791,283	13.4%	23,047	14.3%	1,166,287	5.4%	381.45	0.13	72%	58%	0.31	-	0.79	2.07	1.07	n/a	n/a	n/a
Information Technology	575,016	0.9%	3,444	2.1%	-	0.0%	166.96	-	69%	n/a	n/a	n/a	3.09	0.00	2.43	n/a	n/a	n/a
<b>Total - College of Computing Sciences</b>	<b>9,366,299</b>	<b>14.3%</b>	<b>26,491</b>	<b>16.4%</b>	<b>1,166,287</b>	<b>5.4%</b>	<b>353.57</b>	<b>0.12</b>	<b>71%</b>	<b>58%</b>	<b>0.31</b>	<b>6.52</b>	<b>0.93</b>	<b>1.95</b>	<b>1.15</b>	<b>0.72</b>	<b>1.91</b>	<b>1.07</b>
Civil & Environmental Engineering	4,507,684	6.9%	6,546	4.1%	2,386,934	11.0%	688.62	0.53	87%	67%	0.42	1.58	0.57	0.65	0.59	1.19	0.73	1.05
Electrical and Computer Engineering	7,423,477	11.3%	14,521	9.0%	2,807,479	13.0%	511.22	0.38	82%	54%	0.37	3.89	0.67	1.25	0.79	1.03	1.56	1.18
Chemical Engineering	3,211,024	4.9%	3,067	1.9%	2,411,619	11.2%	1046.96	0.75	90%	65%	0.22	2.22	0.25	0.91	0.39	0.57	0.87	0.66
Mechanical Engineering	4,300,606	6.6%	4,680	2.9%	1,275,295	5.9%	918.93	0.30	83%	45%	0.35	1.25	0.48	0.32	0.44	0.79	0.37	0.66
Industrial and Manufacturing Engineering	2,122,802	3.2%	4,427	2.7%	303,146	1.4%	479.51	0.14	63%	60%	0.08	6.92	0.39	2.55	0.85	0.80	2.29	1.24
Biomedical Engineering	2,162,833	3.3%	3,810	2.4%	915,287	4.2%	567.67	0.42	97%	n/a	0.10	2.40	0.64	0.99	0.72	0.59	0.85	0.67
Engineering Technology	1,833,548	2.8%	5,448	3.4%	161,474	0.7%	336.55	0.09	100%	n/a	n/a	-	1.53	0.00	1.21	0.77	0.24	0.62
Interdisciplinary Program on Transportation*	146,730	0.2%	483	0.3%	-	0.0%	303.79	-	n/a	n/a	n/a	n/a	0.00	6.27	1.34	n/a	n/a	n/a
<b>Total - Newark College of Engineering</b>	<b>25,708,704</b>	<b>39.2%</b>	<b>42,982</b>	<b>26.7%</b>	<b>10,261,234</b>	<b>47.5%</b>	<b>598.13</b>	<b>0.40</b>	<b>86%</b>	<b>55%</b>	<b>0.30</b>	<b>2.83</b>	<b>0.60</b>	<b>0.97</b>	<b>0.68</b>	<b>0.88</b>	<b>1.03</b>	<b>0.92</b>
Chemistry and Environmental Science	3,173,259	4.8%	8,702	5.4%	1,146,851	5.3%	364.66	0.36	100%	0%	0.31	2.08	1.25	0.62	1.11	0.63	0.39	0.56
Mathematics	7,760,585	11.8%	22,570	14.0%	1,677,475	7.8%	343.85	0.22	43%	75%	0.16	1.00	1.41	0.33	1.18	1.86	0.50	1.46
Physics****	4,258,571	6.5%	9,253	5.7%	5,864,980	27.1%	460.24	1.38	100%	0%	0.24	0.06	1.08	0.14	0.88	0.31	0.05	0.23
Humanities	3,674,477	5.6%	14,556	9.0%	7,224	0.0%	252.44	0.00	100%	50%	n/a	0.93	1.93	0.44	1.61	1.42	0.22	1.07
Biology	-	0.0%	-	0.0%	-	0.0%	n/a	n/a	91%	64%	0.25	-	n/a	n/a	n/a	n/a	n/a	n/a
History	794,976	1.2%	3,006	1.9%	-	0.0%	264.46	-	n/a	0%	n/a	-	1.95	0.00	1.54	2.18	0.00	1.53
<b>Total - College of Science and Liberal Arts</b>	<b>19,661,868</b>	<b>30.0%</b>	<b>58,087</b>	<b>36.0%</b>	<b>8,696,530</b>	<b>40.2%</b>	<b>338.49</b>	<b>0.44</b>	<b>86%</b>	<b>52%</b>	<b>0.17</b>	<b>0.92</b>	<b>1.43</b>	<b>0.34</b>	<b>1.20</b>	<b>1.26</b>	<b>0.31</b>	<b>0.98</b>
NJ School of Architecture*****	5,580,629	8.5%	15,251	9.5%	1,482,466	6.9%	365.92	0.27	87%	49%	-	1.56	1.20	0.80	1.11	1.12	0.45	0.92
<b>Total - New Jersey School of Architecture</b>	<b>5,580,629</b>	<b>8.5%</b>	<b>15,251</b>	<b>9.5%</b>	<b>1,482,466</b>	<b>6.9%</b>	<b>365.92</b>	<b>0.27</b>	<b>87%</b>	<b>49%</b>	<b>-</b>	<b>1.56</b>	<b>1.20</b>	<b>0.80</b>	<b>1.11</b>	<b>1.12</b>	<b>0.45</b>	<b>0.92</b>
School of Management	4,990,630	7.6%	18,079	11.2%	-	0.0%	276.05	-	85%	50%	0.16	5.89	1.29	2.14	1.47	1.04	2.52	1.48
<b>Total - School of Management</b>	<b>4,990,630</b>	<b>7.6%</b>	<b>18,079</b>	<b>11.2%</b>	<b>-</b>	<b>0.0%</b>	<b>276.05</b>	<b>-</b>	<b>85%</b>	<b>50%</b>	<b>0.16</b>	<b>5.89</b>	<b>1.29</b>	<b>2.14</b>	<b>1.47</b>	<b>1.04</b>	<b>2.52</b>	<b>1.48</b>
Material Science and Engineering**	205,400	0.3%	327	0.2%	-	0.0%	628.13	-	n/a	n/a	n/a	n/a	0.35	1.75	0.65	n/a	n/a	n/a
<b>Total - Provost and Acd. Affairs</b>	<b>205,400</b>	<b>0.3%</b>	<b>327</b>	<b>0.2%</b>	<b>-</b>	<b>0.0%</b>	<b>628.13</b>	<b>-</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.35</b>	<b>1.75</b>	<b>0.65</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
<b>Grand Total</b>	<b>65,513,530</b>	<b>100.0%</b>	<b>161,217</b>	<b>100.0%</b>	<b>21,606,517</b>	<b>100.0%</b>	<b>406.37</b>	<b>0.33</b>	<b>83%</b>	<b>55%</b>	<b>0.24</b>	<b>2.84</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

\*\*\*Note: The following centers are excluded from the research total: Center for Transportation information and Decision Engineering, National Center for Transportation and Industrial Productivity, Polymer Engineering Center, Center for Manufacturing Systems, Microelectronics Fabrication Center, Homeland Security Center, Center for Computing Research, Center for Information Age Technology, York Center for Environmental Engineering and Science, Hazardous Substance Management Research Center, Northeast Hazardous Substance Research Center/EPA, Enterprise Development Center, York Center for Environmental Engineering and Science, Manufacturing Extension Program, North Jersey Transportation Planning Authority, Defense

\*\*\*\*Note: The Center for Solar Research has been included in Physics because all Solar grants have been awarded to active Physics researchers.

\*\*\*\*\*Note: The Center for Architecture and Building Science has been included in Architecture

Column Explanations

Total Dept Budget in \$'s (FY)

Credit Hours Generated (Fall and Spring AY)

External Research Expenditure in \$'s (FY)

Budget \$\$/Credit Hour-Dept budget divided by credit hours generated

Research \$\$ per Budget - external research expenditure divided by total dept budget

Retention rate - 1st to 2nd year retention rate for FTFTF

Graduation rate - 6 year graduation rate for FTFTF

PhD/MS students per T/TT faculty - number of PhD/MS graduates in the corresponding AY divided by the number of T/TT faculty

**NEW JERSEY INSTITUTE OF TECHNOLOGY**

**Summary Tables**

**2008**

Department / Division	Credit Hours per Budget (1=average)	External Research \$\$ per Budget (1=average)	Relative Graduation Rate (1=average)	Relative Retention Rate (1=average)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	Credits Generated AY 2007-2008			T/TT Faculty Credits Generated AY 2007-2008		
							U	G	Total	U	G	Total
Computer Science	0.98	0.39	0.96	1.00	0.00	8.08	0.64	2.22	0.98	0.78	2.00	1.15
Information Systems	0.94	1.40	0.89	0.74	0.50	5.40	0.72	1.73	0.94	0.41	0.88	0.55
Information Technology	2.88	0.00	1.14	1.00	n/a	n/a	3.70	0.00	2.88	n/a	n/a	n/a
<b>Total - College of Computing Sciences</b>	<b>1.13</b>	<b>0.62</b>	<b>0.99</b>	<b>0.98</b>	<b>0.15</b>	<b>7.29</b>	<b>0.91</b>	<b>1.91</b>	<b>1.13</b>	<b>0.62</b>	<b>1.55</b>	<b>0.90</b>
Civil & Environmental Engineering	0.64	0.61	0.87	1.03	0.12	2.46	0.65	0.57	0.64	1.15	0.80	1.04
Electrical and Computer Engineering	0.62	0.76	1.03	1.02	0.42	5.00	0.45	1.20	0.62	0.74	1.23	0.89
Chemical Engineering	0.42	2.30	0.52	1.08	0.28	2.11	0.32	0.79	0.42	0.84	0.94	0.87
Mechanical Engineering	0.66	0.60	0.77	0.88	0.36	1.57	0.68	0.57	0.66	0.81	0.77	0.80
Industrial and Manufacturing Engineering	1.02	0.00	0.96	0.99	0.00	5.36	0.44	3.04	1.02	0.75	2.47	1.27
Biomedical Engineering	0.63	1.99	1.22	1.01	0.27	3.73	0.46	1.21	0.63	0.40	1.08	0.61
Engineering Technology	1.28	0.30	0.96	0.95	n/a	0.00	1.65	0.00	1.28	1.12	0.09	0.81
Interdisciplinary Program on Transportation*	0.92	0.18	n/a	n/a	n/a	n/a	0.00	4.18	0.92	n/a	n/a	n/a
<b>Total - Newark College of Engineering</b>	<b>0.68</b>	<b>0.96</b>	<b>0.96</b>	<b>0.99</b>	<b>0.26</b>	<b>3.25</b>	<b>0.59</b>	<b>1.01</b>	<b>0.68</b>	<b>0.83</b>	<b>1.03</b>	<b>0.89</b>
Chemistry and Environmental Science	1.03	3.44	0.00	1.24	0.17	1.42	1.15	0.62	1.03	0.45	0.50	0.47
Mathematics	1.18	0.67	1.20	0.97	0.10	0.55	1.41	0.38	1.18	1.70	0.48	1.33
Physics	0.82	3.18	1.91	1.24	0.21	0.11	1.02	0.12	0.82	0.62	0.07	0.45
Humanities	1.80	0.18	0.96	0.69	n/a	1.17	2.22	0.33	1.80	1.21	0.21	0.91
Biology	n/a	n/a	1.44	0.94	0.00	0.00	n/a	n/a	n/a	n/a	n/a	n/a
History	1.28	0.00	1.91	0.93	n/a	0.00	1.64	0.00	1.28	1.19	0.00	0.83
<b>Total - College of Science and Liberal Arts</b>	<b>1.19</b>	<b>1.58</b>	<b>1.28</b>	<b>0.94</b>	<b>0.11</b>	<b>0.61</b>	<b>1.43</b>	<b>0.33</b>	<b>1.19</b>	<b>1.15</b>	<b>0.33</b>	<b>0.90</b>
NJ School of Architecture	1.18	0.78	1.12	1.09	0.06	1.94	1.29	0.77	1.18	0.86	0.41	0.72
<b>Total - New Jersey School of Architecture</b>	<b>1.18</b>	<b>0.78</b>	<b>1.12</b>	<b>1.09</b>	<b>0.06</b>	<b>1.94</b>	<b>1.29</b>	<b>0.77</b>	<b>1.18</b>	<b>0.86</b>	<b>0.41</b>	<b>0.72</b>
School of Management	1.46	0.04	0.85	1.01	0.09	5.09	1.30	2.02	1.46	1.92	2.81	2.19
<b>Total - School of Management</b>	<b>1.46</b>	<b>0.04</b>	<b>0.85</b>	<b>1.01</b>	<b>0.09</b>	<b>5.09</b>	<b>1.30</b>	<b>2.02</b>	<b>1.46</b>	<b>1.92</b>	<b>2.81</b>	<b>2.19</b>
Material Science and Engineering**	0.69	0.00	n/a	n/a	n/a	n/a	0.36	1.83	0.69	n/a	n/a	n/a
<b>Total - Provost and Acd. Affairs</b>	<b>0.69</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>n/a</b>	<b>n/a</b>	<b>0.36</b>	<b>1.83</b>	<b>0.69</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
Average Raw Value	0.00	0.41	0.52	0.81	284.00	284.00						
<b>Grand Total</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>0.18</b>	<b>2.98</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

2007												
Department / Division	Credit Hours per Budget (1=average)	External Research \$\$ per Budget (1=average)	Relative Graduation Rate (1=average)	Relative Retention Rate (1=average)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	Credits Generated AY 2006-2007			T/TT Faculty Credits Generated AY 2006-2007		
							U	G	Total	U	G	Total
Computer Science	1.10	0.18	1.01	0.97	0.44	8.63	0.68	2.52	1.10	0.95	2.37	1.38
Information Systems	0.78	2.00	1.03	0.85	0.50	7.00	0.58	1.43	0.78	0.48	0.98	0.63
Information Technology	3.04	0.00	0.00	0.71	n/a	n/a	3.93	0.00	3.04	n/a	n/a	n/a
<b>Total - College of Computing Sciences</b>	<b>1.16</b>	<b>0.66</b>	<b>1.00</b>	<b>0.85</b>	<b>0.46</b>	<b>8.13</b>	<b>0.90</b>	<b>2.04</b>	<b>1.16</b>	<b>0.75</b>	<b>1.82</b>	<b>1.08</b>
Civil & Environmental Engineering	0.66	0.57	1.19	1.04	0.12	1.88	0.65	0.69	0.66	1.15	0.77	1.03
Electrical and Computer Engineering	0.69	1.05	1.04	0.98	0.68	4.32	0.53	1.23	0.69	0.82	1.28	0.96
Chemical Engineering	0.40	2.54	0.88	1.06	0.11	1.89	0.32	0.66	0.40	0.64	0.62	0.63
Mechanical Engineering	0.56	0.59	1.00	0.98	0.41	1.35	0.58	0.49	0.56	0.71	0.87	0.76
Industrial and Manufacturing Engineering	0.82	0.00	0.62	1.22	0.08	6.75	0.39	2.27	0.82	0.74	1.78	1.06
Biomedical Engineering	0.72	1.27	n/a	1.11	0.11	3.00	0.51	1.43	0.72	0.28	1.14	0.55
Engineering Technology	1.28	0.24	n/a	1.22	0.00	0.00	1.66	0.00	1.28	1.17	0.19	0.87
Interdisciplinary Program on Transportation*	0.88	0.00	n/a	n/a	n/a	n/a	0.00	3.87	0.88	n/a	n/a	n/a
<b>Total - Newark College of Engineering</b>	<b>0.68</b>	<b>0.99</b>	<b>1.02</b>	<b>1.02</b>	<b>0.30</b>	<b>3.06</b>	<b>0.59</b>	<b>0.99</b>	<b>0.68</b>	<b>0.80</b>	<b>0.98</b>	<b>0.85</b>
Chemistry and Environmental Science	0.93	1.45	1.76	0.87	0.64	1.86	1.03	0.59	0.93	0.74	0.61	0.70
Mathematics	1.14	0.69	0.66	1.02	0.07	0.98	1.37	0.36	1.14	1.69	0.49	1.32
Physics	0.80	3.94	0.59	0.92	0.22	0.22	1.00	0.11	0.80	0.71	0.10	0.52
Humanities	1.64	0.08	0.88	1.22	n/a	0.87	2.03	0.33	1.64	1.38	0.19	1.01
Biology	n/a	n/a	0.88	0.92	0.00	0.00	n/a	n/a	n/a	n/a	n/a	n/a
History	1.97	0.00	1.76	1.22	n/a	0.00	2.55	0.00	1.97	2.99	0.00	2.07
<b>Total - College of Science and Liberal Arts</b>	<b>1.15</b>	<b>1.40</b>	<b>0.84</b>	<b>0.98</b>	<b>0.16</b>	<b>0.87</b>	<b>1.39</b>	<b>0.32</b>	<b>1.15</b>	<b>1.30</b>	<b>0.36</b>	<b>1.01</b>
NJ School of Architecture	1.21	1.09	0.88	1.08	0.00	2.06	1.34	0.77	1.21	1.10	0.42	0.89
<b>Total - New Jersey School of Architecture</b>	<b>1.21</b>	<b>1.09</b>	<b>0.88</b>	<b>1.08</b>	<b>0.00</b>	<b>2.06</b>	<b>1.34</b>	<b>0.77</b>	<b>1.21</b>	<b>1.10</b>	<b>0.42</b>	<b>0.89</b>
School of Management	1.59	0.04	1.20	0.98	0.11	4.89	1.43	2.14	1.59	1.23	2.82	1.72
<b>Total - School of Management</b>	<b>1.59</b>	<b>0.04</b>	<b>1.20</b>	<b>0.98</b>	<b>0.11</b>	<b>4.89</b>	<b>1.43</b>	<b>2.14</b>	<b>1.59</b>	<b>1.23</b>	<b>2.82</b>	<b>1.72</b>
Material Science and Engineering**	0.89	0.00	n/a	n/a	n/a	n/a	0.42	2.50	0.89	n/a	n/a	n/a
<b>Total - Provost and Acd. Affairs</b>	<b>0.89</b>	<b>0.00</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.42</b>	<b>2.50</b>	<b>0.89</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
Average Raw Value	0.00	0.33	0.57	0.82	297.00	297.00						
<b>Grand Total</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>0.25</b>	<b>3.09</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

2006												
Department / Division	Credit Hours per Budget (1=average)	External Research \$\$ per Budget (1=average)	Relative Graduation Rate (1=average)	Relative Retention Rate (1=average)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	Credits Generated AY 2005-2006			T/TT Faculty Credits Generated AY 2005-2006		
							U	G	Total	U	G	Total
Computer Science	0.00	0.27	n/a	n/a	n/a	7.31	n/a	n/a	n/a	0.89	2.68	1.42
Information Systems	0.00	0.69	n/a	n/a	n/a	4.77	n/a	n/a	n/a	0.49	0.64	0.54
Computer & Information Science	1.07	0.40	1.06	0.87	0.31	0.00	0.79	2.07	1.07	n/a	n/a	n/a
Information Technology	2.43	0.00	n/a	0.84	n/a	n/a	3.09	0.00	2.43	n/a	n/a	n/a
<b>Total - College of Computing Sciences</b>	<b>1.15</b>	<b>0.38</b>	<b>1.06</b>	<b>0.85</b>	<b>0.31</b>	<b>6.52</b>	<b>0.93</b>	<b>1.95</b>	<b>1.15</b>	<b>0.72</b>	<b>1.91</b>	<b>1.07</b>
Civil & Environmental Engineering	0.59	1.61	1.22	1.05	0.42	1.58	0.57	0.65	0.59	1.19	0.73	1.05
Electrical and Computer Engineering	0.79	1.15	0.99	0.99	0.37	3.89	0.67	1.25	0.79	1.03	1.56	1.18
Chemical Engineering	0.39	2.28	1.19	1.09	0.22	2.22	0.25	0.91	0.39	0.57	0.87	0.66
Mechanical Engineering	0.44	0.90	0.83	1.00	0.35	1.25	0.48	0.32	0.44	0.79	0.37	0.66
Industrial and Manufacturing Engineering	0.85	0.43	1.10	0.75	0.08	6.92	0.39	2.55	0.85	0.80	2.29	1.24
Biomedical Engineering	0.72	1.28	n/a	1.18	0.10	2.40	0.64	0.99	0.72	0.59	0.85	0.67
Engineering Technology	1.21	0.27	n/a	1.21	n/a	0.00	1.53	0.00	1.21	0.77	0.24	0.62
Interdisciplinary Program on Transportation*	1.34	n/a	n/a	n/a	n/a	n/a	0.00	6.27	1.34	n/a	n/a	n/a
<b>Total - Newark College of Engineering</b>	<b>0.68</b>	<b>1.21</b>	<b>1.01</b>	<b>1.03</b>	<b>0.30</b>	<b>2.83</b>	<b>0.60</b>	<b>0.97</b>	<b>0.68</b>	<b>0.88</b>	<b>1.03</b>	<b>0.92</b>
Chemistry and Environmental Science	1.11	1.10	0.00	1.21	0.31	2.08	1.25	0.62	1.11	0.63	0.39	0.56
Mathematics	1.18	0.66	1.37	0.52	0.16	1.00	1.41	0.33	1.18	1.86	0.50	1.46
Physics	0.88	4.18	0.00	1.21	0.24	0.06	1.08	0.14	0.88	0.31	0.05	0.23
Humanities	1.61	0.01	0.92	1.21	n/a	0.93	1.93	0.44	1.61	1.42	0.22	1.07
Biology	n/a	n/a	1.17	1.10	0.25	0.00	n/a	n/a	n/a	n/a	n/a	n/a
History	1.54	0.00	0.00	n/a	n/a	0.00	1.95	0.00	1.54	2.18	0.00	1.53
<b>Total - College of Science and Liberal Arts</b>	<b>1.20</b>	<b>1.34</b>	<b>0.96</b>	<b>1.03</b>	<b>0.17</b>	<b>0.92</b>	<b>1.43</b>	<b>0.34</b>	<b>1.20</b>	<b>1.26</b>	<b>0.31</b>	<b>0.98</b>
NJ School of Architecture	1.11	0.81	0.90	1.05	0.00	1.56	1.20	0.80	1.11	1.12	0.45	0.92
<b>Total - New Jersey School of Architecture</b>	<b>1.11</b>	<b>0.81</b>	<b>0.90</b>	<b>1.05</b>	<b>0.00</b>	<b>1.56</b>	<b>1.20</b>	<b>0.80</b>	<b>1.11</b>	<b>1.12</b>	<b>0.45</b>	<b>0.92</b>
School of Management	1.47	0.00	0.92	1.02	0.16	5.89	1.29	2.14	1.47	1.04	2.52	1.48
<b>Total - School of Management</b>	<b>1.47</b>	<b>0.00</b>	<b>0.92</b>	<b>1.02</b>	<b>0.16</b>	<b>5.89</b>	<b>1.29</b>	<b>2.14</b>	<b>1.47</b>	<b>1.04</b>	<b>2.52</b>	<b>1.48</b>
Material Science and Engineering**	0.65	0.00	n/a	n/a	n/a	n/a	0.35	1.75	0.65	n/a	n/a	n/a
<b>Total - Provost and Acct. Affairs</b>	<b>0.65</b>	<b>0.00</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>0.35</b>	<b>1.75</b>	<b>0.65</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>
Average Raw Value	0.00	0.33	0.55	0.83	305.00	305.00						
<b>Grand Total</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>0.24</b>	<b>2.84</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

Column Explanations:

Credit Hours per Budget - % credit hours generated divided by % total department budget

External Research \$\$ per Budget - % External Research Expenditure divided by % total department budget

Relative Graduation Rate - department graduation rate divided by total graduation rate

Relative Retention Rate - department retention rate divided by total retention rate

PhD Students per T/TT Faculty member - number of PhD students divided by the number of T/TT faculty

NEW JERSEY INSTITUTE OF TECHNOLOGY

Detail Tables

2008

Department / Division	Credit Hours per Budget (1=average)	External Research \$\$\$ per Budget (1=average)	Relative Graduation Rate (1=average)	Relative Retention Rate (1=average)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	A/Y 2008 Credit Hours Generated		FY07 YE External Rsch Exp.(Excluding All Internally Funded Research and Grants Awarded to Independent Centers)***		Total Dept Budget		Enrolled	Degrees	2001 Cohort 6 Years Graduation Rate (%)	Enrolled	Retained	Freshman to Sophomore Retention Rate (%)	Ph.D. Graduates	T/TT Faculty #	MS Graduates
							Values	%	Values	%	Values	%									
Computer Science	0.98	0.39	0.96	1.00	0.00	8.08	13,380	8.0%	876,450	3.2%	5,552,269	8.2%	136	68	50%	41	33	80%		24	194
Information Systems	0.94	1.40	0.89	0.74	0.50	5.40	5,034	3.0%	1,247,134	4.5%	2,185,339	3.2%	43	20	47%	10	6	60%	5	10	54
Information Technology	2.88	0.00	1.14	1.00	n/a	n/a	4,821	2.9%	-	0.0%	683,496	1.0%	59	35	59%	58	47	81%	n/a	n/a	
<b>Total - College of Computing Sciences</b>	<b>1.13</b>	<b>0.62</b>	<b>0.99</b>	<b>0.98</b>	<b>0.15</b>	<b>7.29</b>	<b>23,235</b>	<b>14.0%</b>	<b>2,123,584</b>	<b>7.6%</b>	<b>8,421,104</b>	<b>12.4%</b>	<b>238</b>	<b>123</b>	<b>52%</b>	<b>109</b>	<b>86</b>	<b>79%</b>	<b>5</b>	<b>34</b>	<b>248</b>
Civil & Environmental Engineering	0.64	0.61	0.87	1.03	0.12	2.46	7,833	4.7%	1,259,205	4.5%	5,040,336	7.4%	22	10	45%	84	70	83%	3	26	64
Electrical and Computer Engineering	0.62	0.76	1.03	1.02	0.42	5.00	11,542	6.9%	2,359,695	8.5%	7,623,706	11.2%	162	87	54%	97	80	82%	13	31	155
Chemical Engineering	0.42	2.30	0.52	1.08	0.28	2.11	4,010	2.4%	3,669,611	13.2%	3,895,941	5.7%	11	3	27%	31	27	87%	5	18	38
Mechanical Engineering	0.66	0.60	0.77	0.88	0.36	1.57	5,832	3.5%	882,554	3.2%	3,621,019	5.3%	47	19	40%	86	61	71%	5	14	22
Industrial and Manufacturing Engineering	1.02	0.00	0.96	0.99	0.00	5.36	5,152	3.1%	-	0.0%	2,074,269	3.0%	8	4	50%	5	4	80%		11	59
Biomedical Engineering	0.63	1.99	1.22	1.01	0.27	3.73	4,323	2.6%	2,286,433	8.2%	2,811,057	4.1%	22	14	64%	39	32	82%	3	11	41
Engineering Technology	1.28	0.30	0.96	0.95	n/a	0.00	6,197	3.7%	243,598	0.9%	1,972,937	2.9%	2	1	50%	17	13	76%	n/a	8	
Interdisciplinary Program on Transportation*	0.92	0.18	n/a	n/a	n/a	n/a	372	0.2%	12,154	0.0%	164,475	0.2%			n/a			n/a	2		8
<b>Total - Newark College of Engineering</b>	<b>0.68</b>	<b>0.96</b>	<b>0.96</b>	<b>0.99</b>	<b>0.26</b>	<b>3.25</b>	<b>45,261</b>	<b>27.2%</b>	<b>10,713,250</b>	<b>38.5%</b>	<b>27,203,740</b>	<b>40.0%</b>	<b>274</b>	<b>138</b>	<b>50%</b>	<b>359</b>	<b>287</b>	<b>80%</b>	<b>31</b>	<b>119</b>	<b>387</b>
Chemistry and Environmental Science	1.03	3.44	0.00	1.24	0.17	1.42	8,307	5.0%	4,632,840	16.7%	3,297,206	4.8%	1	0	0%	3	3	100%	2	12	17
Mathematics	1.18	0.67	1.20	0.97	0.10	0.55	23,236	14.0%	2,214,802	8.0%	8,039,662	11.8%	8	5	63%	14	11	79%	4	42	23
Physics****	0.82	3.18	1.91	1.24	0.21	0.11	9,345	5.6%	6,032,684	21.7%	4,641,514	6.8%	1	1	100%	5	5	100%	4	19	2
Humanities	1.80	0.18	0.96	0.69	n/a	1.17	15,554	9.3%	255,757	0.9%	3,528,606	5.2%	2	1	50%	9	5	56%	n/a	12	14
Biology	n/a	n/a	1.44	0.94	0.00	0.00							4	3	75%	41	31	76%		3	
History	1.28	0.00	1.91	0.93	n/a	0.00	2,529	1.5%	-	0.0%	809,466	1.2%	2	2	100%	4	3	75%	n/a	4	
<b>Total - College of Science and Liberal Arts</b>	<b>1.19</b>	<b>1.58</b>	<b>1.28</b>	<b>0.94</b>	<b>0.11</b>	<b>0.61</b>	<b>58,971</b>	<b>35.4%</b>	<b>13,136,083</b>	<b>47.2%</b>	<b>20,316,455</b>	<b>29.9%</b>	<b>18</b>	<b>12</b>	<b>67%</b>	<b>76</b>	<b>58</b>	<b>76%</b>	<b>10</b>	<b>92</b>	<b>56</b>
NJ School of Architecture*****	1.18	0.78	1.12	1.09	0.06	1.94	15,766	9.5%	1,746,638	6.3%	5,483,613	8.1%	82	48	59%	118	104	88%	1	16	31
<b>Total - New Jersey School of Architecture</b>	<b>1.18</b>	<b>0.78</b>	<b>1.12</b>	<b>1.09</b>	<b>0.06</b>	<b>1.94</b>	<b>15,766</b>	<b>9.5%</b>	<b>1,746,638</b>	<b>6.3%</b>	<b>5,483,613</b>	<b>8.1%</b>	<b>82</b>	<b>48</b>	<b>59%</b>	<b>118</b>	<b>104</b>	<b>88%</b>	<b>1</b>	<b>16</b>	<b>31</b>
School of Management	1.46	0.04	0.85	1.01	0.09	5.09	22,845	13.7%	101,404	0.4%	6,390,792	9.4%	18	8	44%	38	31	82%	2	23	117
<b>Total - School of Management</b>	<b>1.46</b>	<b>0.04</b>	<b>0.85</b>	<b>1.01</b>	<b>0.09</b>	<b>5.09</b>	<b>22,845</b>	<b>13.7%</b>	<b>101,404</b>	<b>0.4%</b>	<b>6,390,792</b>	<b>9.4%</b>	<b>18</b>	<b>8</b>	<b>44%</b>	<b>38</b>	<b>31</b>	<b>82%</b>	<b>2</b>	<b>23</b>	<b>117</b>
Material Science and Engineering**	0.69	0.00	n/a	n/a	n/a	n/a	342	0.2%	-	0.0%	202,986	0.3%			n/a			0%	2	n/a	6
<b>Total - Provost and Acct. Affairs</b>	<b>0.69</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>n/a</b>	<b>n/a</b>	<b>342</b>	<b>0.2%</b>	<b>-</b>	<b>0.0%</b>	<b>202,986</b>	<b>0.3%</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>0</b>	<b>0</b>	<b>0%</b>	<b>2</b>	<b>n/a</b>	<b>6</b>
Average Raw Value	0.0024	0.4090	0.5222	0.8086	284	284															
<b>Grand Total</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>0.18</b>	<b>2.98</b>	<b>166,420</b>	<b>100%</b>	<b>27,820,958</b>	<b>100%</b>	<b>68,018,690</b>	<b>100%</b>	<b>630</b>	<b>329</b>	<b>52%</b>	<b>700</b>	<b>566</b>	<b>81%</b>	<b>51</b>	<b>284</b>	<b>845</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

\*\*\*Note: The following centers are excluded from the research total: Center for Transportation information and Decision Engineering, National Center for Transportation and Industrial Productivity, Polymer Engineering Center, Center for Manufacturing Systems, Microelectronics Fabrication Center, Homeland Security Center, Center for Computing Research, Center for Information Age Technology, York Center for Environmental Engineering and Science, Hazardous Substance Management Research Center, Northeast Hazardous Substance Research Center/EPA, Enterprise Development Center, York Center for Environmental Engineering and Science, Manufacturing Extension Program, North Jersey Transportation Planning Authority, Defense Procurement

\*\*\*\*Note: The Center for Solar Research has been included in Physics because all Solar grants have been awarded to active Physics researchers.

\*\*\*\*\*Note: The Center for Architecture and Building Science has been included in Architecture

2007

Department / Division	Credit Hours per Budget (1=average)	External Research \$\$ per Budget (1=average)	Relative Graduation Rate (1=average)	Relative Retention Rate (1=average)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	A/Y 2007 Credit Hours Generated		FY06 YE External Rsch Exp.(Excluding All Internally Funded Research and Grants Awarded to Independent Centers)***		Total Dept Budget		Enrolled	Degrees	2000 Cohort 6 Years Graduation Rate (%)	Enrolled	Retained	Freshman to Sophomore Retention Rate (%)	Ph.D. Graduates	T/TT Faculty #	MS Graduates
							Values	%	Values	%	Values	%									
Computer Science	1.10	0.18	1.01	0.97	0.44	8.63	15,487	9.4%	343,898	1.5%	5,823,024	8.5%	140	80	57.1%	39	31	79.5%	12	27	233
Information Systems	0.78	2.00	1.03	0.85	0.50	7.00	4,509	2.7%	1,577,848	7.1%	2,404,951	3.5%	36	21	58.3%	13	9	69.2%	6	12	84
Information Technology	3.04	0.00	0.00	0.71	n/a	n/a	4,845	2.9%	-	0.0%	659,524	1.0%	1	0	0%	36	21	58.3%	n/a	n/a	n/a
<b>Total - College of Computing Sciences</b>	<b>1.16</b>	<b>0.66</b>	<b>1.00</b>	<b>0.85</b>	<b>0.46</b>	<b>8.13</b>	<b>24,841</b>	<b>15.1%</b>	<b>1,921,746</b>	<b>8.6%</b>	<b>8,887,498</b>	<b>13.0%</b>	<b>177</b>	<b>101</b>	<b>57%</b>	<b>88</b>	<b>61</b>	<b>69%</b>	<b>18</b>	<b>39</b>	<b>317</b>
Civil & Environmental Engineering	0.66	0.57	1.19	1.04	0.12	1.88	7,853	4.8%	916,594	4.1%	4,937,304	7.2%	43	29	67.4%	68	58	85.3%	3	25	47
Electrical and Computer Engineering	0.69	1.05	1.04	0.98	0.68	4.32	12,803	7.8%	2,664,612	11.9%	7,727,984	11.3%	146	86	58.9%	106	85	80.2%	23	34	147
Chemical Engineering	0.40	2.54	0.88	1.06	0.11	1.89	3,813	2.3%	3,299,826	14.8%	3,975,446	5.8%	18	9	50.0%	22	19	86.4%	2	18	34
Mechanical Engineering	0.56	0.59	1.00	0.98	0.41	1.35	5,304	3.2%	753,207	3.4%	3,889,525	5.7%	37	21	56.8%	99	79	79.8%	7	17	23
Industrial and Manufacturing Engineering	0.82	0.00	0.62	1.22	0.08	6.75	4,443	2.7%	65	0.0%	2,251,496	3.3%	17	6	35.3%	2	2	100.0%	1	12	81
Biomedical Engineering	0.72	1.27	n/a	1.11	0.11	3.00	4,663	2.8%	1,116,812	5.0%	2,684,141	3.9%			n/a	45	41	91.1%	1	9	27
Engineering Technology	1.28	0.24	n/a	1.22	0.00	0.00	5,607	3.4%	144,672	0.6%	1,810,227	2.7%			n/a	1	1	100.0%		8	
Interdisciplinary Program on Transportation*	0.88	0.00	n/a	n/a	n/a	n/a	354	0.2%	-	0.0%	166,506	0.2%			n/a			n/a			17
<b>Total - Newark College of Engineering</b>	<b>0.68</b>	<b>0.99</b>	<b>1.02</b>	<b>1.02</b>	<b>0.30</b>	<b>3.06</b>	<b>44,840</b>	<b>27.2%</b>	<b>8,895,788</b>	<b>39.8%</b>	<b>27,442,630</b>	<b>40.2%</b>	<b>261</b>	<b>151</b>	<b>58%</b>	<b>343</b>	<b>285</b>	<b>83%</b>	<b>37</b>	<b>123</b>	<b>376</b>
Chemistry and Environmental Science	0.93	1.45	1.76	0.87	0.64	1.86	7,679	4.7%	1,614,930	7.2%	3,408,100	5.0%	1	1	100.0%	7	5	71.4%	9	14	26
Mathematics	1.14	0.69	0.66	1.02	0.07	0.92	22,622	13.7%	1,853,268	8.3%	8,213,543	12.0%	8	3	37.5%	12	10	83.3%	3	43	42
Physics****	0.80	3.94	0.59	0.92	0.22	0.22	8,923	5.4%	5,961,395	26.7%	4,626,659	6.8%	3	1	33.3%	8	6	75.0%	4	18	4
Humanities	1.64	0.08	0.88	1.22	n/a	0.87	15,450	9.4%	98,436	0.4%	3,899,996	5.7%	4	2	50.0%	2	2	100.0%	n/a	15	13
Biology	n/a	n/a	0.88	0.92	0.00	0.00							6	3	50.0%	16	12	75.0%	0	3	
History	1.97	0.00	1.76	1.22	n/a	0.00	3,255	2.0%	-	0.0%	682,723	1.0%	1	1	100.0%	5	5	100.0%	n/a	5	
<b>Total - College of Science and Liberal Arts</b>	<b>1.15</b>	<b>1.40</b>	<b>0.84</b>	<b>0.98</b>	<b>0.16</b>	<b>0.87</b>	<b>57,929</b>	<b>35.1%</b>	<b>9,528,029</b>	<b>42.6%</b>	<b>20,831,020</b>	<b>30.5%</b>	<b>23</b>	<b>11</b>	<b>48%</b>	<b>50</b>	<b>40</b>	<b>80%</b>	<b>16</b>	<b>98</b>	<b>85</b>
NJ School of Architecture*****	1.21	1.09	0.88	1.08	0.00	2.06	15,914	9.6%	1,937,597	8.7%	5,456,060	8.0%	90	45	50.0%	129	114	88.4%		18	37
<b>Total - New Jersey School of Architecture</b>	<b>1.21</b>	<b>1.09</b>	<b>0.88</b>	<b>1.08</b>	<b>0.00</b>	<b>2.06</b>	<b>15,914</b>	<b>9.6%</b>	<b>1,937,597</b>	<b>8.7%</b>	<b>5,456,060</b>	<b>8.0%</b>	<b>90</b>	<b>45</b>	<b>50%</b>	<b>129</b>	<b>114</b>	<b>88%</b>	<b>0</b>	<b>18</b>	<b>37</b>
School of Management	1.59	0.04	1.20	0.98	0.11	4.89	21,072	12.8%	66,726	0.3%	5,475,172	8.0%	44	30	68.2%	55	44	80.0%	2	19	93
<b>Total - School of Management</b>	<b>1.59</b>	<b>0.04</b>	<b>1.20</b>	<b>0.98</b>	<b>0.11</b>	<b>4.89</b>	<b>21,072</b>	<b>12.8%</b>	<b>66,726</b>	<b>0.3%</b>	<b>5,475,172</b>	<b>8.0%</b>	<b>44</b>	<b>30</b>	<b>68%</b>	<b>55</b>	<b>44</b>	<b>80%</b>	<b>2</b>	<b>19</b>	<b>93</b>
Material Science and Engineering**	0.89	0.00	n/a	n/a	n/a	n/a	432	0.3%	-	0.0%	200,871	0.3%	0	0	n/a	0	0	n/a	2	n/a	9
<b>Total - Provost and Acd. Affairs</b>	<b>0.89</b>	<b>0.00</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>432</b>	<b>0.3%</b>	<b>-</b>	<b>0.0%</b>	<b>200,871</b>	<b>0.3%</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>2</b>	<b>n/a</b>	<b>9</b>
Average Raw Value	0.0024	0.3273	0.5681	0.8180	297	297															
<b>Grand Total</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>0.25</b>	<b>3.09</b>	<b>165,028</b>	<b>100%</b>	<b>22,349,886</b>	<b>100%</b>	<b>68,293,252</b>	<b>100%</b>	<b>595</b>	<b>338</b>	<b>57%</b>	<b>665</b>	<b>544</b>	<b>82%</b>	<b>75</b>	<b>297</b>	<b>917</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

\*\*\*Note: The following centers are excluded from the research total: Center for Transportation information and Decision Engineering, National Center for Transportation and Industrial Productivity, Polymer Engineering Center, Center for Manufacturing Systems, Microelectronics Fabrication Center, Homeland Security Center, Center for Computing Research, Center for Information Age Technology, York Center for Environmental Engineering and Science, Hazardous Substance Management Research Center, Northeast Hazardous Substance Research Center/EPA, Enterprise Development Center, York Center for Environmental Engineering and Science, Manufacturing Extension Program, North Jersey Transportation Planning Authority, Defense Procurement

\*\*\*\*Note: The Center for Solar Research has been included in Physics because all Solar grants have been awarded to active Physics researchers.

\*\*\*\*\*Note: The Center for Architecture and Building Science has been included in Architecture

2006																					
Department / Division	Credit Hours per Budget (1=average)	External Research \$\$ per Budget (1=average)	Relative Graduation Rate (1=average)	Relative Retention Rate (1=average)	PhD Students per T/TT Faculty member	MS Students per T/TT Faculty member	A/Y 2006 Credit Hours Generated	FY05 YE External Rsch Exp.(Excluding All Internally Funded Research and Grants Awarded to Independent Centers)***	Total Dept Budget	Enrolled	Degrees	1999 Cohort 6 Years Graduation Rate (%)	Enrolled	Retained	Freshman to Sophomore Retention Rate (%)	Ph.D. Graduates	T/TT Faculty #	MS Graduates			
	Values	%	Values	%	Values	%	Values	%													
Computer Science	0	0.27197	n/a	n/a	n/a	7.3103	0	0	540385	0.025	6024533	0.092		n/a	52	37	0.7115	8	29	212	
Information Systems	0.00	0.69	n/a	n/a	n/a	4.77	-	0.0%	625,902	2.9%	2,766,750	4.2%		n/a	5	4	80%	5	13	62	
Computer & Information Science	1.07	0.40	1.06	0.87	0.31	0.00	23,047	14.3%	1,166,287	5.4%	8,791,283	13.4%	179	104	58%	57	41	72%	13	42	
Information Technology	2.43	0.00	n/a	0.84	n/a	n/a	3,444	2.1%	-	0.0%	575,016	0.9%		n/a	59	41	69%	n/a	n/a		
<b>Total - College of Computing Sciences</b>	<b>1.15</b>	<b>0.38</b>	<b>1.06</b>	<b>0.85</b>	<b>0.31</b>	<b>6.52</b>	<b>26,491</b>	<b>16.4%</b>	<b>1,166,287</b>	<b>5.4%</b>	<b>9,366,299</b>	<b>14.3%</b>	<b>179</b>	<b>104</b>	<b>58%</b>	<b>116</b>	<b>82</b>	<b>71%</b>	<b>13</b>	<b>42</b>	<b>274</b>
Civil & Environmental Engineering	0.59	1.61	1.22	1.05	0.42	1.58	6,546	4.1%	2,386,934	11.0%	4,507,684	6.9%	39	26	67%	55	48	87%	10	24	38
Electrical and Computer Engineering	0.79	1.15	0.99	0.99	0.37	3.89	14,521	9.0%	2,807,479	13.0%	7,423,477	11.3%	156	84	54%	84	69	82%	13	35	136
Chemical Engineering	0.39	2.28	1.19	1.09	0.22	2.22	3,067	1.9%	2,411,619	11.2%	3,211,024	4.9%	20	13	65%	20	18	90%	4	18	40
Mechanical Engineering	0.44	0.90	0.83	1.00	0.35	1.25	4,680	2.9%	1,275,295	5.9%	4,300,606	6.6%	51	23	45%	70	58	83%	7	20	25
Industrial and Manufacturing Engineering	0.85	0.43	1.10	0.75	0.08	6.92	4,427	2.7%	303,146	1.4%	2,122,802	3.2%	10	6	60%	8	5	63%	1	12	83
Biomedical Engineering	0.72	1.28	n/a	1.18	0.10	2.40	3,810	2.4%	915,287	4.2%	2,162,833	3.3%		n/a	38	37	97%	1	10	24	
Engineering Technology	1.21	0.27	n/a	1.21	n/a	0.00	5,448	3.4%	161,474	0.7%	1,833,548	2.8%		n/a	1	1	100%	n/a	9		
Interdisciplinary Program on Transportation*	1.34	n/a	n/a	n/a	n/a	n/a	483	0.3%	-	0.0%	146,730	0.2%		n/a			n/a	n/a	2	0	16
<b>Total - Newark College of Engineering</b>	<b>0.68</b>	<b>1.21</b>	<b>1.01</b>	<b>1.03</b>	<b>0.30</b>	<b>2.83</b>	<b>42,982</b>	<b>26.7%</b>	<b>10,261,234</b>	<b>47.5%</b>	<b>25,708,704</b>	<b>39.2%</b>	<b>276</b>	<b>152</b>	<b>55%</b>	<b>276</b>	<b>236</b>	<b>86%</b>	<b>38</b>	<b>128</b>	<b>362</b>
Chemistry and Environmental Science	1.11	1.10	0.00	1.21	0.31	2.08	8,702	5.4%	1,146,851	5.3%	3,173,259	4.8%		0%	6	6	100%	4	13	27	
Mathematics	1.18	0.66	1.37	0.52	0.16	1.00	22,570	14.0%	1,677,475	7.8%	7,760,585	11.8%	4	3	75%	7	3	43%	7	44	44
Physics****	0.88	4.18	0.00	1.21	0.24	0.06	9,253	5.7%	5,864,980	27.1%	4,258,571	6.5%	1	0	0%	3	3	100%	4	17	1
Humanities	1.61	0.01	0.92	1.21	n/a	0.93	14,556	9.0%	7,224	0.0%	3,674,477	5.6%	4	2	50%	3	3	100%	n/a	15	14
Biology	n/a	n/a	1.17	1.10	0.25	0.00							11	7	64%	23	21	91%	1	4	
History	1.54	0.00	0.00	n/a	n/a	0.00	3,006	1.9%	-	0.0%	794,976	1.2%	3	0	0%	0	0	n/a	n/a	5	
<b>Total - College of Science and Liberal Arts</b>	<b>1.20</b>	<b>1.34</b>	<b>0.96</b>	<b>1.03</b>	<b>0.17</b>	<b>0.92</b>	<b>58,087</b>	<b>36.0%</b>	<b>8,696,530</b>	<b>40.2%</b>	<b>19,661,868</b>	<b>30.0%</b>	<b>23</b>	<b>12</b>	<b>52%</b>	<b>42</b>	<b>36</b>	<b>86%</b>	<b>16</b>	<b>93</b>	<b>86</b>
NJ School of Architecture*****	1.11	0.81	0.90	1.05	0.00	1.56	15,251	9.5%	1,482,466	6.9%	5,580,629	8.5%	100	49	49%	115	100	87%		18	28
<b>Total - New Jersey School of Architecture</b>	<b>1.11</b>	<b>0.81</b>	<b>0.90</b>	<b>1.05</b>	<b>0.00</b>	<b>1.56</b>	<b>15,251</b>	<b>9.5%</b>	<b>1,482,466</b>	<b>6.9%</b>	<b>5,580,629</b>	<b>8.5%</b>	<b>100</b>	<b>49</b>	<b>49%</b>	<b>115</b>	<b>100</b>	<b>87%</b>	<b>0</b>	<b>18</b>	<b>28</b>
School of Management	1.47	0.00	0.92	1.02	0.16	5.89	18,079	11.2%	-	0.0%	4,990,630	7.6%	32	16	50%	39	33	85%	3	19	112
<b>Total - School of Management</b>	<b>1.47</b>	<b>0.00</b>	<b>0.92</b>	<b>1.02</b>	<b>0.16</b>	<b>5.89</b>	<b>18,079</b>	<b>11.2%</b>	<b>-</b>	<b>0.0%</b>	<b>4,990,630</b>	<b>7.6%</b>	<b>32</b>	<b>16</b>	<b>50%</b>	<b>39</b>	<b>33</b>	<b>85%</b>	<b>3</b>	<b>19</b>	<b>112</b>
Material Science and Engineering**	0.65	0.00	n/a	n/a	n/a	n/a	327	0.2%	-	0.0%	205,400	0.3%		n/a		n/a	n/a	3	n/a	3	
<b>Total - Provost and Acct. Affairs</b>	<b>0.65</b>	<b>0.00</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>n/a</b>	<b>327</b>	<b>0.2%</b>	<b>-</b>	<b>0.0%</b>	<b>205,400</b>	<b>0.3%</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>3</b>	<b>n/a</b>	<b>3</b>
Average Raw Value	0.0025	0.3298	0.5459	0.8282	305	305															
<b>Grand Total</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>0.24</b>	<b>2.84</b>	<b>161,217</b>	<b>100%</b>	<b>21,606,517</b>	<b>100%</b>	<b>65,513,530</b>	<b>100%</b>	<b>610</b>	<b>333</b>	<b>55%</b>	<b>588</b>	<b>487</b>	<b>83%</b>	<b>73</b>	<b>305</b>	<b>865</b>

\*Note: program includes teaching & research for multiple departments in NCE

\*\*Note: No T/TT faculty in this department therefore a student metric not calculated

\*\*\*Note: The following centers are excluded from the research total: Center for Transportation information and Decision Engineering, National Center for Transportation and Industrial Productivity, Polymer Engineering Center, Center for Manufacturing Systems, Microelectronics Fabrication Center, Homeland Security Center, Center for Computing Research, Center for Information Age Technology, York Center for Environmental Engineering and Science, Hazardous Substance Management Research Center, Northeast Hazardous Substance Research Center/EPA, Enterprise Development Center, York Center for Environmental Engineering and Science, Manufacturing Extension Program, North Jersey Transportation Planning Authority, Defense Procurement

\*\*\*\*Note: The Center for Solar Research has been included in Physics because all Solar grants have been awarded to active Physics researchers.

\*\*\*\*\*Note: The Center for Architecture and Building Science has been included in Architecture

Column Explanations:

Graduation rate 2008 - % of FTFTF of Fall 2001 graduated by Fall 2007

Retention rate 2008 - % of FTFTF of Fall 2006 retained by Fall 2007

PhD graduates 2008 - # of PhD graduates for AY 2007

MS graduates 2008 - # of MS graduates for AY 2007

A/Y 2008 Credit Hours Generated--Fall and Spring (AY)

FY07 YE External Rsch Exp.(Inc. O/H)

Total Dept Budget 2008

Credit Hours per Budget - % credit hours generated divided by % total department budget

External Research \$\$ per Budget - % External Research Expenditure divided by % total department budget

Relative Graduation Rate - department graduation rate divided by total graduation rate

Relative Retention Rate - department retention rate divided by total retention rate

PhD Students per T/TT Faculty member - number of PhD students divided by the number of T/TT faculty