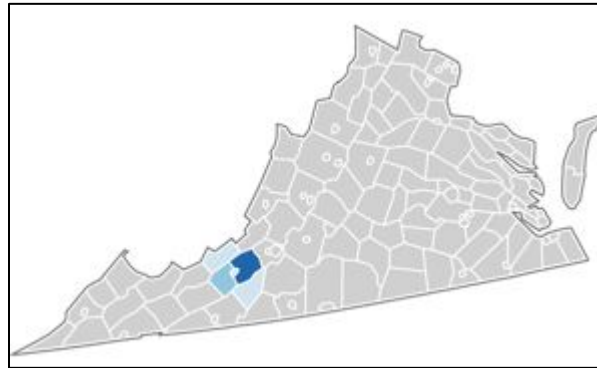


NRVPDC

Virginia

Region Counties



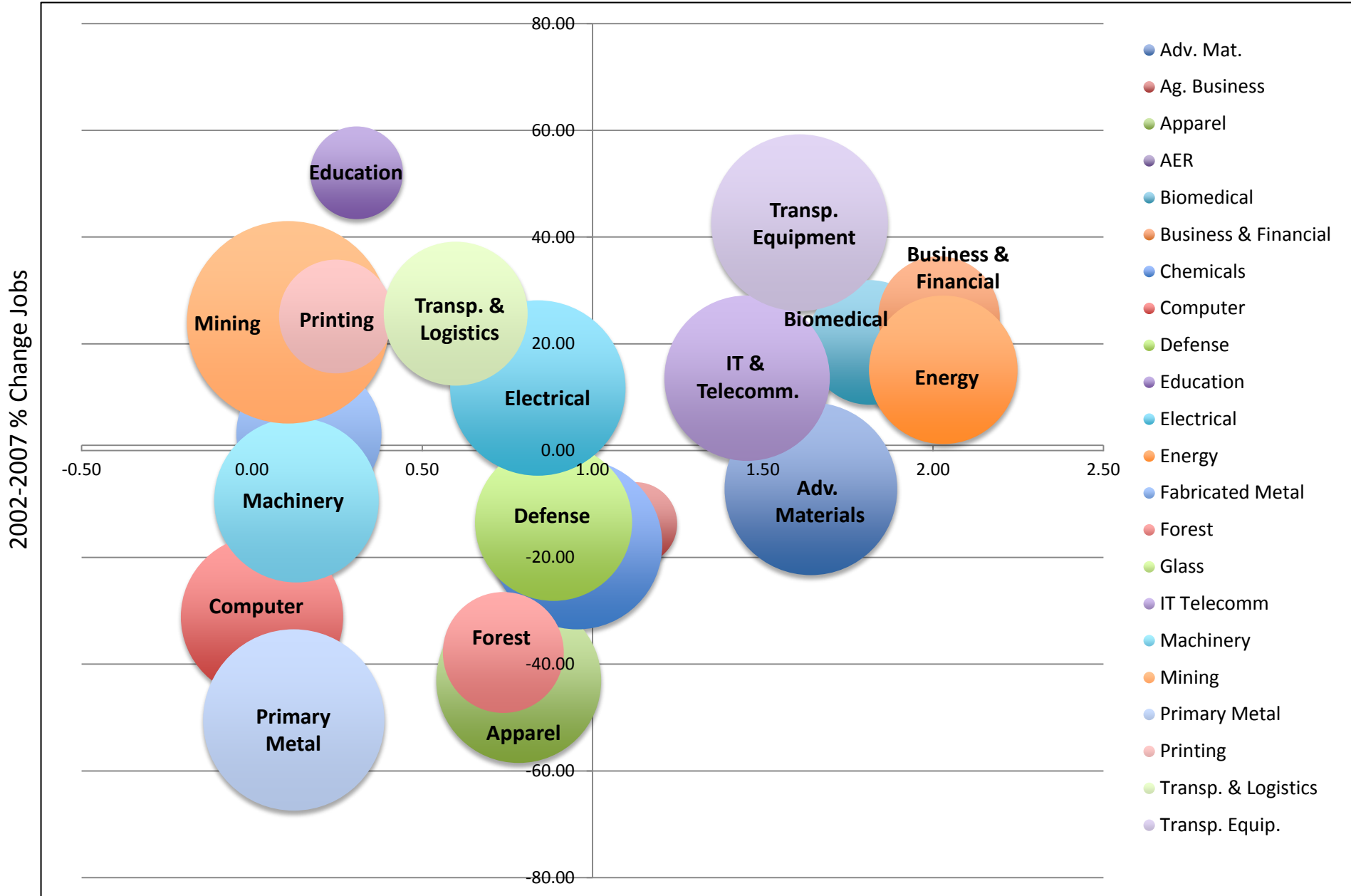
Name	FIPS
Floyd	51063
Giles	51071
Pulaski	51155
Montgomery+Radford	51933

Pre-Defined* Clusters

Pre-Defined Clusters	Code	No. Industries
Advanced Materials Manufacturing	Adv. Mat.	132
Agribusiness, Food Processing & Technology	Ag. Business	73
Apparel & Textiles	Apparel	63
Arts, Ent., Recreation and Visitor Industries	AER	57
Biomedical/Biotechnical (Life Sciences)	Biomedical	45
Business & Financial Services	Business & Financial	85
Chemicals & Chemical Based Products Manufacturing	Chemicals	79
Computer & Electronic Product Manufacturing	Computer	30
Defense & Security	Defense	37
Education & Knowledge Creation	Education	22
Electrical Equip., Appliance and Component Manufacturing	Electrical	22
Energy (Fossil & Renewable)	Energy	75
Fabricated Metal Product Manufacturing	Fabricated Metal	39
Forest & Wood Products	Forest	70
Glass & Ceramics	Glass	17
Information Technology & Telecommunications	IT Telecomm	59
Machinery Manufacturing	Machinery	49
Mining	Mining	23
Primary Metal Manufacturing	Primary Metal	25
Printing & Publishing	Printing	38
Transportation & Logistics	Transp. & Logistics	47
Transportation Equipment Manufacturing	Transp. Equip.	30

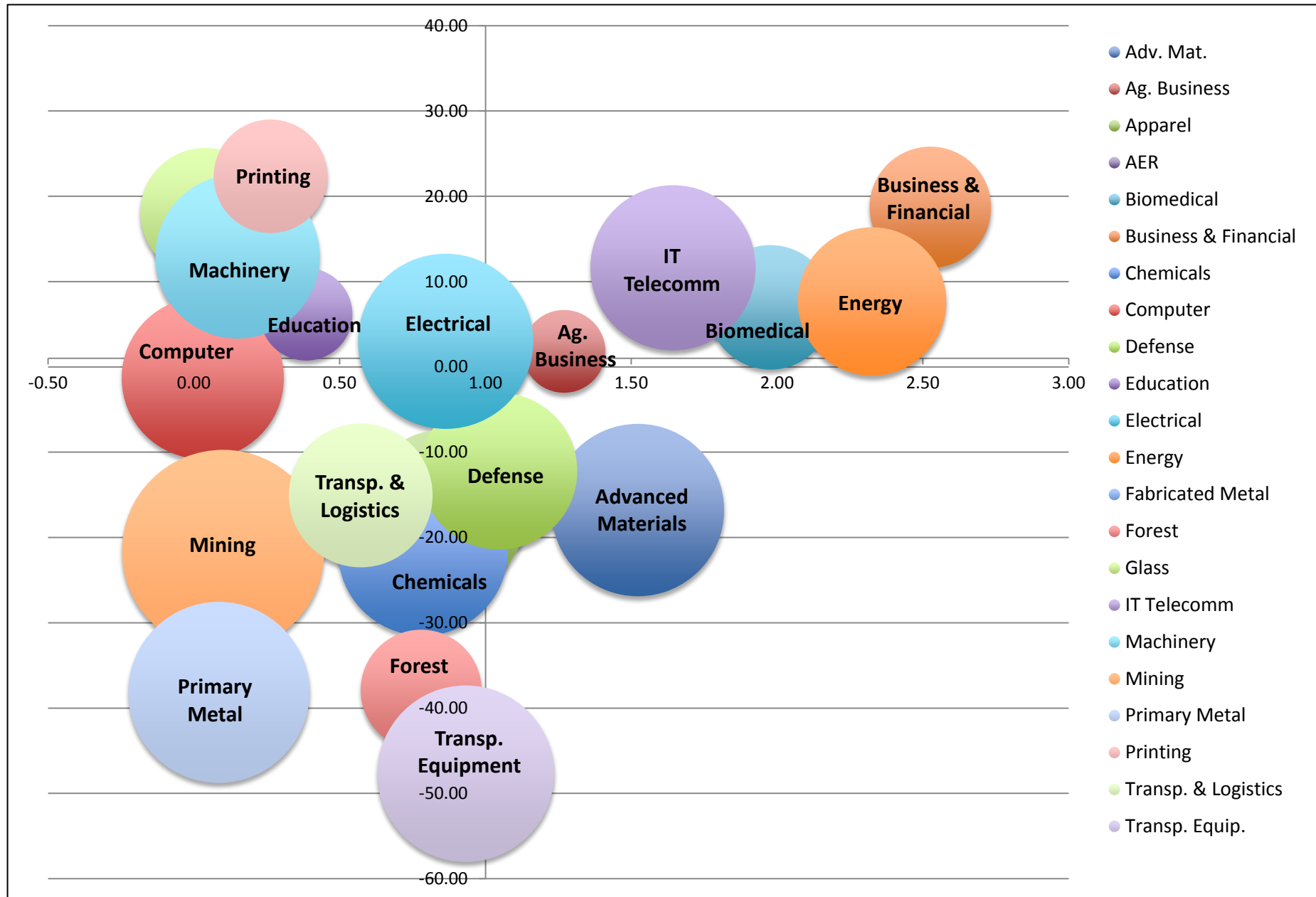
*For a list of six-digit NAICS codes industries within each cluster see separate file

NRVPDC (2002-2007) – Virginia



NRVPDC (2006-2011) – Virginia

2006-2011 % Change Jobs



NRVPDC (2002-2007)

Virginia

Bubble Chart Results

NRVPDC	2007 LQ	2002 Jobs	2007 Jobs	02-07 Job Ch.	2011 Avg. Earnings
Energy	2.03	4,876	5,615	15.16	\$49,739
Business & Financial	2.02	4,463	5,580	25.03	\$33,286
Biomedical	1.81	4,172	5,018	20.28	\$35,006
Adv. Mat.	1.64	4,889	4,540	-7.14	\$67,162
Transp. Equip.	1.61	3,117	4,448	42.70	\$70,418
IT Telecomm	1.45	3,541	4,022	13.58	\$61,646
Ag. Business	1.13	3,610	3,117	-13.66	\$15,474
Chemicals	0.96	3,204	2,642	-17.54	\$65,185
Defense	0.89	2,830	2,450	-13.43	\$55,597
Electrical	0.84	2,078	2,322	11.74	\$69,314
Apparel	0.78	3,805	2,167	-43.05	\$61,291
AER	0.78	1,988	2,159	8.60	\$14,499
Forest	0.74	3,283	2,042	-37.80	\$32,943
Transp. & Logistics	0.60	1,317	1,655	25.66	\$46,673
Education	0.31	559	850	52.06	\$19,364
Printing	0.25	545	682	25.14	\$29,154
Fabricated Metal	0.17	449	463	3.12	\$47,474
Machinery	0.13	399	362	-9.27	\$60,993
Primary Metal	0.12	686	340	-50.44	\$74,089
Mining	0.11	237	294	24.05	\$92,372
Computer	0.03	119	82	-31.09	\$59,373
Glass	0.02	56	68	21.43	\$38,044

*Clusters were ranked in descending order based on their 2007 LQ

NRVPDC (2006-2011)

Virginia

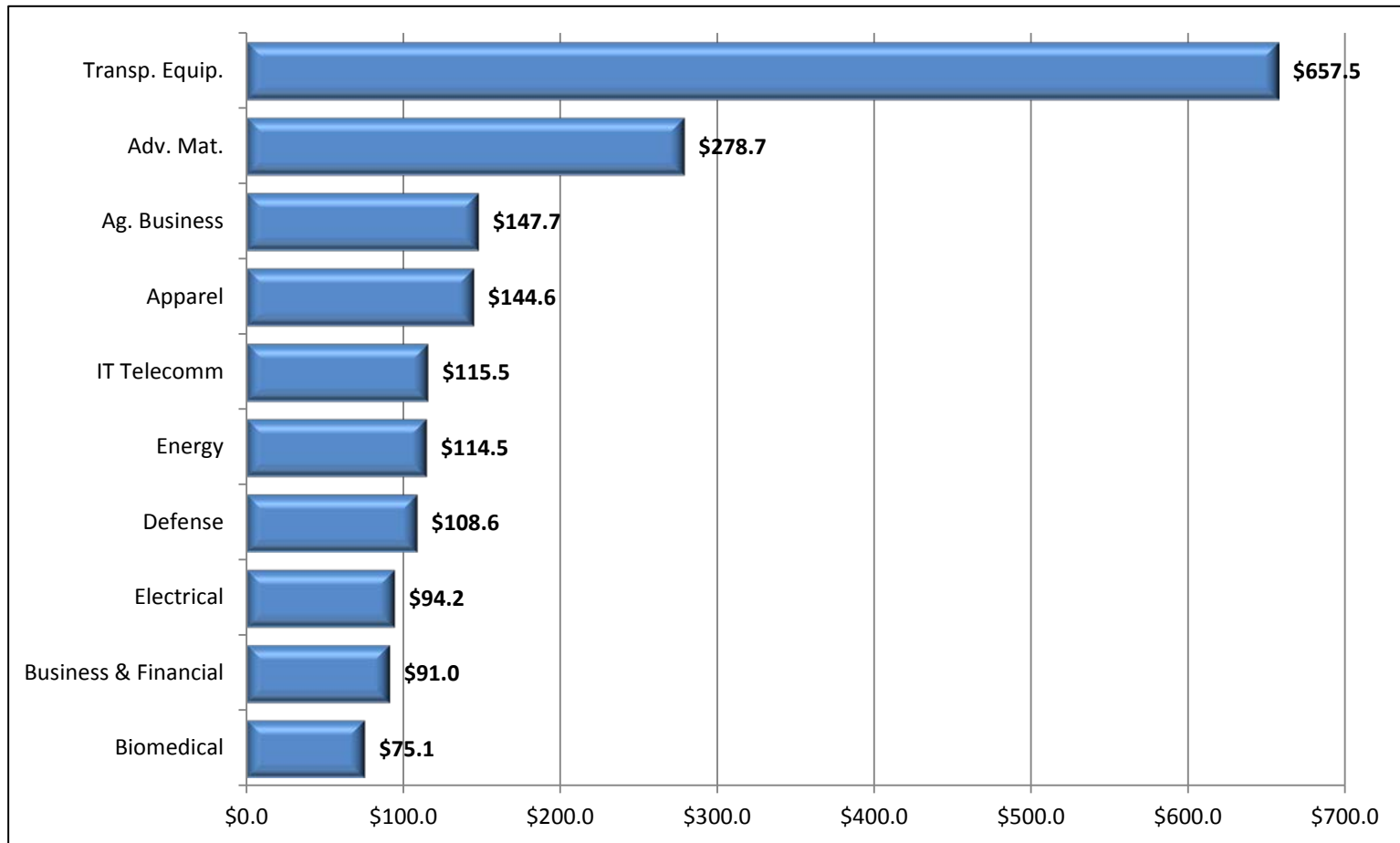
Bubble Chart Results

NRVPDC	2011 LQ	2006 Jobs	2011 Jobs	06-11 Job Ch.	2011 Avg. Earnings
Business & Financial	2.53	5,324	6,320	18.71	\$33,286
Energy	2.33	5,405	5,820	7.68	\$49,739
Biomedical	1.98	4,624	4,947	6.99	\$35,006
IT Telecomm	1.64	3,684	4,112	11.62	\$61,646
Adv. Mat.	1.52	4,578	3,810	-16.78	\$67,162
Ag. Business	1.27	3,119	3,176	1.83	\$15,474
Defense	1.05	2,981	2,617	-12.21	\$55,597
Transp. Equip.	0.93	4,459	2,333	-47.68	\$70,418
Electrical	0.86	2,098	2,161	3.00	\$69,314
Apparel	0.86	2,591	2,151	-16.98	\$61,291
AER	0.85	2,144	2,115	-1.35	\$14,499
Chemicals	0.79	2,506	1,966	-21.55	\$65,185
Forest	0.78	3,139	1,950	-37.88	\$32,943
Transp. & Logistics	0.57	1,686	1,432	-15.07	\$46,673
Education	0.38	907	963	6.17	\$19,364
Printing	0.26	537	657	22.35	\$29,154
Fabricated Metal	0.17	518	416	-19.69	\$47,474
Machinery	0.15	332	375	12.95	\$60,993
Mining	0.10	320	251	-21.56	\$92,372
Primary Metal	0.09	346	214	-38.15	\$74,089
Glass	0.04	83	98	18.07	\$38,044
Computer	0.03	77	76	-1.30	\$59,373

*Clusters were ranked in descending order based on their 2011 LQ

NRVPDC Virginia

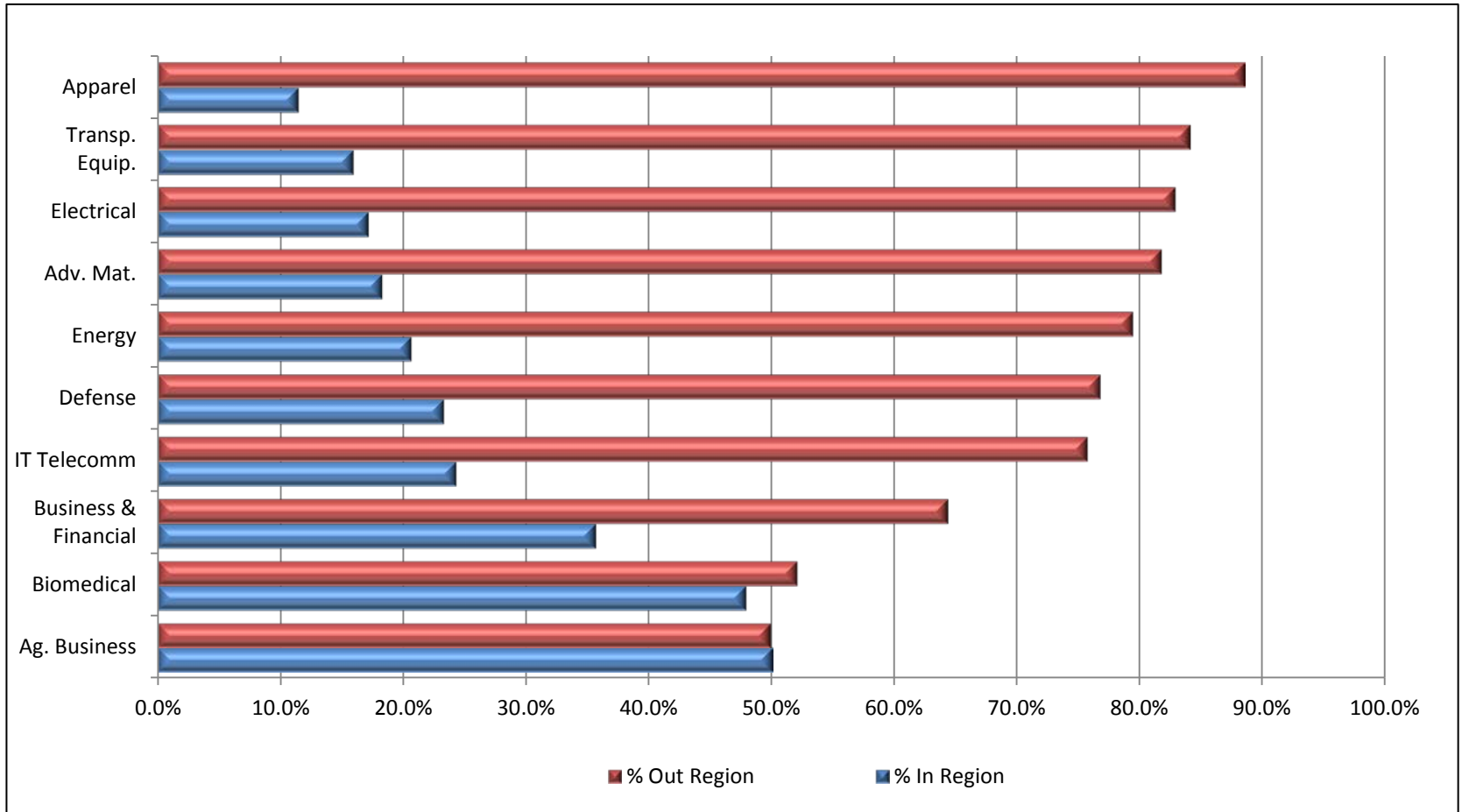
2011 Expenditures (M\$)*



*Only top 20 industries included

NRVPDC Virginia

2011 Leakage*



*Only top 20 industries included