

Sheet1

Center for Public Service, University of Virginia
Electronic Bulletin Board Report No. 91-2
BEA Projections of Population, Income, and Employment to 2040
Average Growth Rates for Selected Items, Virginia and Virginia MSAs
File Name: VAMSAGR

Location - FIPS code

Virginia - 51

Total population as of July 1 (thousands)
Per capita income (1982 dollars)
Total personal income (place of residence)
Total earnings
Total employment
 Agricultural services, forestry, fisheries, and other
 Mining
 Construction
 Manufacturing
 Nondurable goods
 Durable goods
 Transportation and public utilities
 Wholesale trade
 Retail trade
 Finance, insurance, and real estate
 Services
Government and government enterprises
 Federal, civilian
 Federal, military
 State and local

Charlottesville - 1540

Population as of July 1 (thousands)
Per capita personal income (1982 dollars)
Total personal income (place of residence)
Total earnings
Total employment
 Agricultural services, forestry, fisheries, and other
 Mining
 Construction
 Manufacturing
 Nondurable goods
 Durable goods
 Transportation and public utilities
 Wholesale trade
 Retail trade

Finance, insurance, and real estate
Services
Government and government enterprises
Federal, civilian
Federal, military
State and local

Danville - 1950

Population as of July 1 (thousands)
Per capita personal income (1982 dollars)
Total personal income (place of residence)
Total earnings
Total employment
Agricultural services, forestry, fisheries, and other
Mining
Construction
Manufacturing
Nondurable goods
Durable goods
Transportation and public utilities
Wholesale trade
Retail trade
Finance, insurance, and real estate
Services
Government and government enterprises
Federal, civilian
Federal, military
State and local

Johnson City-Kingsport-Bristol TN-VA - 3660

Population as of July 1 (thousands)
Per capita personal income (1982 dollars)
Total personal income (place of residence)
Total earnings
Total employment
Agricultural services, forestry, fisheries, and other
Mining
Construction
Manufacturing
Nondurable goods
Durable goods
Transportation and public utilities
Wholesale trade
Retail trade
Finance, insurance, and real estate
Services
Government and government enterprises

Federal, civilian
Federal, military
State and local

Lynchburg - 4640

Population as of July 1 (thousands)

Per capita personal income (1982 dollars)

Total personal income (place of residence)

Total earnings

Total employment

Agricultural services, forestry, fisheries, and other

Mining

Construction

Manufacturing

Nondurable goods

Durable goods

Transportation and public utilities

Wholesale trade

Retail trade

Finance, insurance, and real estate

Services

Government and government enterprises

Federal, civilian

Federal, military

State and local

Norfolk-Virginia Beach-Newport News - 5720

Population as of July 1 (thousands)

Per capita personal income (1982 dollars)

Total personal income (place of residence)

Total earnings

Total employment

Agricultural services, forestry, fisheries, and other

Mining

Construction

Manufacturing

Nondurable goods

Durable goods

Transportation and public utilities

Wholesale trade

Retail trade

Finance, insurance, and real estate

Services

Government and government enterprises

Federal, civilian

Federal, military

State and local

Richmond - 6760

Population as of July 1 (thousands)

Per capita personal income (1982 dollars)

Total personal income (place of residence)

Total earnings

Total employment

 Agricultural services, forestry, fisheries, and other

 Mining

 Construction

 Manufacturing

 Nondurable goods

 Durable goods

 Transportation and public utilities

 Wholesale trade

 Retail trade

 Finance, insurance, and real estate

 Services

Government and government enterprises

 Federal, civilian

 Federal, military

 State and local

Roanoke - 6800

Population as of July 1 (thousands)

Per capita personal income (1982 dollars)

Total personal income (place of residence)

Total earnings

Total employment

 Agricultural services, forestry, fisheries, and other

 Mining

 Construction

 Manufacturing

 Nondurable goods

 Durable goods

 Transportation and public utilities

 Wholesale trade

 Retail trade

 Finance, insurance, and real estate

 Services

Government and government enterprises

 Federal, civilian

 Federal, military

 State and local

Washington DC-MD-VA - 8840

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Population as of July 1 (thousands)
Per capita personal income (1982 dollars)
Total personal income (place of residence)
Total earnings
Total employment
 Agricultural services, forestry, fisheries, and other
 Mining
 Construction
 Manufacturing
 Nondurable goods
 Durable goods
 Transportation and public utilities
 Wholesale trade
 Retail trade
 Finance, insurance, and real estate
 Services
Government and government enterprises
 Federal, civilian
 Federal, military
 State and local

Notes:

1. Total personal income and earnings figures are in millions of 1982 dollars.
2. Employment and population figures are in thousands of persons.
3. "N.A." appears where data are not available.
4. "(D)" appears in a field when data are not shown to avoid disclosure of confidential information; estimates are included in h
5. "(L)" appears in a field if the datum for that field is nonzero but would round to zero at the published level of accuracy.
6. "-" appears where growth rates cannot be computed because of the absence of numeric data as in Notes 3, 4, and 5.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, Regional Economic Information System, October 1990

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Actual 1988	Average (Compound) Growth Rates					
	'88-'95	'95-'00	'00-'05	'05-'10	'10-'20	'20-'40
6015	1.21%	0.95%	0.83%	0.71%	0.23%	0.16%
14189	1.22%	1.14%	0.88%	0.74%	0.31%	0.78%
85349	2.45%	2.10%	1.71%	1.45%	0.54%	0.94%
61527	2.36%	2.09%	1.66%	1.32%	0.40%	0.77%
3544.6	1.42%	1.17%	0.76%	0.44%	-0.04%	-0.10%
26.6	3.44%	2.48%	1.68%	1.09%	0.15%	0.14%
18.8	-0.31%	0.00%	-0.22%	-0.33%	-0.32%	-0.53%
248.3	0.59%	0.55%	0.28%	0.07%	-0.17%	-0.29%
438.8	0.62%	0.53%	0.23%	0.05%	-0.18%	-0.30%
225.6	0.57%	0.52%	0.17%	-0.02%	-0.21%	-0.33%
213.2	0.68%	0.54%	0.29%	0.12%	-0.16%	-0.26%
164.5	1.29%	1.02%	0.61%	0.37%	-0.07%	-0.15%
137.2	1.38%	1.00%	0.77%	0.58%	0.00%	-0.06%
560.7	1.70%	1.49%	0.95%	0.54%	-0.02%	-0.08%
236.3	1.46%	1.21%	0.81%	0.52%	-0.02%	-0.08%
883.9	2.74%	2.05%	1.40%	0.86%	0.08%	0.06%
760.4	0.50%	0.46%	0.23%	0.07%	-0.12%	-0.20%
183.9	0.23%	0.26%	0.01%	-0.15%	-0.25%	-0.40%
212.8	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
363.6	0.92%	0.80%	0.46%	0.21%	-0.13%	-0.23%
124	1.01%	0.89%	0.71%	0.68%	0.20%	0.13%
13784	1.30%	1.21%	0.94%	0.79%	0.33%	0.79%
1707	2.39%	2.06%	1.67%	1.41%	0.52%	0.92%
1283	2.26%	2.01%	1.59%	1.25%	0.37%	0.74%
82.8	1.34%	1.10%	0.70%	0.36%	-0.07%	-0.13%
(D)	-	4.10%	0.00%	1.76%	0.00%	0.40%
(D)	-	0.00%	0.00%	0.00%	0.00%	0.00%
5.5	0.26%	0.35%	0.00%	0.00%	-0.18%	-0.38%
9.0	0.62%	0.42%	0.21%	0.00%	-0.16%	-0.27%
(D)	-	0.00%	0.00%	-0.63%	-0.16%	-0.34%
(D)	-	0.64%	0.31%	0.31%	-0.15%	-0.24%
2.7	1.03%	0.68%	0.66%	0.64%	-0.16%	-0.16%
2.0	0.70%	0.93%	0.89%	0.85%	-0.21%	0.00%
13.1	1.76%	1.57%	0.98%	0.59%	-0.03%	-0.06%

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5.3	1.30%	1.01%	0.65%	0.32%	-0.08%	-0.08%
19.1	2.43%	1.79%	1.11%	0.68%	0.02%	0.02%
23.2	0.90%	0.80%	0.46%	0.15%	-0.11%	-0.22%
1.4	0.00%	0.00%	0.00%	0.00%	0.00%	-0.37%
1.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
20.9	1.00%	0.79%	0.51%	0.25%	-0.13%	-0.24%
108	0.39%	0.36%	0.18%	0.35%	0.04%	0.00%
10958	1.28%	1.18%	0.90%	0.76%	0.31%	0.78%
1184	1.73%	1.48%	1.14%	0.97%	0.38%	0.79%
762	1.63%	1.45%	1.08%	0.81%	0.23%	0.61%
53.7	0.68%	0.53%	0.21%	-0.03%	-0.20%	-0.25%
0.2	5.96%	0.00%	0.00%	0.00%	0.00%	0.00%
(L)	-	-	-	-	-	-
3.0	0.00%	0.00%	0.00%	0.00%	-0.34%	-0.37%
17.3	0.65%	0.55%	0.21%	0.00%	-0.19%	-0.31%
13.8	0.51%	0.42%	0.14%	-0.14%	-0.21%	-0.33%
3.6	0.78%	1.03%	0.50%	0.48%	-0.12%	-0.25%
1.3	0.00%	0.00%	0.00%	0.00%	-0.40%	-0.43%
1.9	0.74%	0.00%	0.00%	0.00%	0.00%	-0.26%
8.9	0.94%	1.03%	0.40%	0.20%	-0.15%	-0.20%
2.1	0.00%	0.93%	0.00%	0.00%	-0.23%	-0.24%
10.5	1.43%	0.85%	0.33%	-0.16%	-0.17%	-0.17%
5.8	0.24%	0.34%	0.00%	0.00%	-0.26%	-0.27%
0.3	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
0.7	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
4.8	0.29%	0.40%	0.00%	0.00%	-0.20%	-0.32%
442	0.63%	0.51%	0.42%	0.41%	0.17%	0.10%
9984	1.35%	1.19%	0.92%	0.77%	0.30%	0.77%
4416	1.97%	1.71%	1.36%	1.19%	0.47%	0.87%
3251	1.98%	1.77%	1.37%	1.08%	0.31%	0.66%
213.0	1.03%	0.86%	0.47%	0.20%	-0.12%	-0.20%
(D)	-	2.71%	1.22%	2.25%	0.00%	0.26%
(D)	-	0.00%	0.00%	0.00%	0.00%	0.00%
11.1	0.38%	0.35%	0.00%	0.00%	-0.27%	-0.28%
54.4	0.34%	0.32%	0.07%	-0.11%	-0.23%	-0.35%
32.1	0.18%	0.24%	-0.06%	-0.18%	-0.27%	-0.40%
22.3	0.57%	0.43%	0.25%	0.08%	-0.17%	-0.29%
7.4	0.57%	0.26%	0.00%	0.00%	-0.26%	-0.21%
8.4	0.83%	0.67%	0.43%	0.42%	-0.11%	-0.11%
36.3	1.29%	1.13%	0.61%	0.28%	-0.09%	-0.16%
8.8	1.10%	1.03%	0.79%	0.19%	-0.05%	-0.15%
44.9	2.40%	1.75%	1.12%	0.65%	0.02%	-0.02%
26.8	0.78%	0.63%	0.27%	0.13%	-0.15%	-0.25%

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3.6	0.00%	0.00%	0.00%	-0.56%	-0.29%	-0.48%
2.1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
21.1	0.92%	0.79%	0.42%	0.17%	-0.15%	-0.24%
145	0.77%	0.52%	0.38%	0.37%	0.12%	0.06%
11016	1.16%	1.07%	0.83%	0.70%	0.29%	0.76%
1603	1.86%	1.57%	1.25%	1.07%	0.41%	0.83%
1382	1.56%	1.38%	1.05%	0.81%	0.23%	0.63%
86.2	0.79%	0.63%	0.30%	0.02%	-0.17%	-0.21%
0.5	4.92%	2.71%	0.00%	2.38%	0.00%	0.53%
0.1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
5.0	0.56%	0.38%	0.00%	0.00%	-0.19%	-0.30%
23.4	-0.12%	-0.17%	-0.35%	-0.45%	-0.33%	-0.40%
8.1	-0.18%	0.00%	-0.51%	-0.52%	-0.34%	-0.44%
15.3	-0.19%	-0.13%	-0.27%	-0.41%	-0.32%	-0.38%
3.2	0.87%	0.00%	0.00%	0.00%	-0.15%	-0.31%
3.1	0.90%	0.60%	0.58%	0.00%	0.00%	-0.14%
15.3	1.43%	1.27%	0.77%	0.42%	-0.05%	-0.11%
4.4	0.64%	0.43%	0.00%	0.00%	-0.22%	-0.11%
19.5	1.67%	1.07%	0.60%	0.17%	-0.13%	-0.09%
10.2	0.69%	0.55%	0.36%	0.00%	-0.14%	-0.23%
0.5	2.64%	0.00%	0.00%	0.00%	-0.91%	0.00%
0.9	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
8.8	0.64%	0.64%	0.42%	0.00%	-0.16%	-0.22%
1380	1.12%	0.87%	0.77%	0.69%	0.24%	0.18%
12089	1.09%	1.02%	0.79%	0.68%	0.29%	0.75%
16686	2.21%	1.90%	1.58%	1.38%	0.53%	0.94%
13086	1.99%	1.78%	1.44%	1.17%	0.37%	0.75%
807.1	1.21%	1.00%	0.64%	0.36%	-0.05%	-0.10%
(D)	-	2.59%	1.80%	1.19%	0.17%	0.16%
0.2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
(D)	-	0.44%	0.22%	0.04%	-0.17%	-0.29%
69.5	0.45%	0.36%	0.11%	-0.03%	-0.21%	-0.31%
18.2	0.62%	0.52%	0.20%	0.00%	-0.21%	-0.33%
51.3	0.39%	0.30%	0.11%	-0.07%	-0.21%	-0.30%
30.7	1.12%	0.83%	0.51%	0.22%	-0.10%	-0.17%
28.0	1.51%	1.07%	0.84%	0.64%	0.01%	-0.04%
127.3	1.56%	1.38%	0.85%	0.46%	-0.04%	-0.09%
45.0	1.43%	1.18%	0.78%	0.51%	-0.04%	-0.08%
178.6	2.58%	1.91%	1.28%	0.76%	0.05%	0.03%
268.6	0.32%	0.30%	0.15%	0.04%	-0.09%	-0.14%
57.3	0.07%	0.14%	-0.07%	-0.24%	-0.28%	-0.42%
139.2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
72.0	1.11%	0.93%	0.58%	0.31%	-0.10%	-0.20%

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844	1.22%	0.92%	0.80%	0.69%	0.22%	0.15%
14953	1.11%	1.06%	0.81%	0.69%	0.29%	0.76%
12625	2.34%	2.00%	1.62%	1.38%	0.51%	0.91%
9824	2.19%	1.93%	1.52%	1.20%	0.35%	0.73%
554.6	1.31%	1.06%	0.66%	0.35%	-0.07%	-0.13%
(D)	-	2.78%	1.49%	0.93%	0.11%	0.11%
(D)	-	0.00%	0.00%	1.61%	-0.40%	-0.43%
40.6	0.49%	0.47%	0.23%	0.09%	-0.17%	-0.28%
65.1	0.56%	0.47%	0.17%	-0.03%	-0.20%	-0.32%
(D)	-	0.47%	0.13%	-0.04%	-0.21%	-0.34%
(D)	-	0.56%	0.18%	0.09%	-0.16%	-0.29%
26.8	1.18%	0.88%	0.59%	0.25%	-0.08%	-0.18%
30.4	1.05%	0.78%	0.58%	0.40%	-0.06%	-0.10%
91.4	1.48%	1.31%	0.80%	0.41%	-0.05%	-0.11%
(D)	-	0.99%	0.62%	0.38%	-0.07%	-0.11%
135.0	2.48%	1.83%	1.21%	0.70%	0.04%	0.02%
105.5	0.55%	0.45%	0.21%	0.00%	-0.17%	-0.26%
17.4	0.41%	0.33%	0.11%	0.00%	-0.22%	-0.39%
11.6	0.24%	0.00%	0.00%	0.00%	0.00%	0.00%
76.5	0.62%	0.54%	0.27%	0.02%	-0.18%	-0.27%
222	0.69%	0.51%	0.50%	0.40%	0.12%	0.10%
13387	1.21%	1.12%	0.87%	0.74%	0.31%	0.77%
2966	1.93%	1.66%	1.34%	1.14%	0.44%	0.87%
2349	1.81%	1.61%	1.25%	0.97%	0.29%	0.68%
147.2	1.05%	0.86%	0.49%	0.20%	-0.12%	-0.15%
0.8	3.24%	3.71%	1.61%	0.00%	0.37%	0.00%
0.2	0.00%	0.00%	0.00%	0.00%	-3.41%	0.00%
10.6	0.13%	0.00%	0.00%	-0.19%	-0.24%	-0.36%
20.1	0.00%	0.10%	0.00%	-0.20%	-0.23%	-0.35%
7.8	-0.75%	-0.27%	-0.28%	-0.56%	-0.29%	-0.39%
12.3	0.46%	0.31%	0.15%	0.00%	-0.20%	-0.29%
9.4	-0.15%	-0.22%	-0.44%	-0.45%	-0.35%	-0.38%
10.0	1.37%	0.89%	0.69%	0.50%	-0.04%	-0.08%
27.7	1.57%	1.45%	0.83%	0.51%	-0.04%	-0.09%
11.8	1.06%	0.78%	0.60%	0.29%	-0.11%	-0.11%
38.8	1.94%	1.40%	0.83%	0.40%	-0.07%	-0.05%
16.7	0.34%	0.35%	0.11%	-0.11%	-0.21%	-0.28%
3.4	0.41%	0.00%	0.00%	-0.58%	-0.15%	-0.48%
1.4	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
11.8	0.48%	0.49%	0.00%	0.00%	-0.20%	-0.30%

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3734	1.30%	1.05%	0.93%	0.78%	0.26%	0.18%
18614	1.05%	1.01%	0.78%	0.66%	0.28%	0.76%
69509	2.37%	2.08%	1.71%	1.44%	0.55%	0.94%
58834	2.36%	2.13%	1.71%	1.35%	0.40%	0.74%
2668	1.62%	1.35%	0.91%	0.54%	-0.02%	-0.10%
(D)	-	2.23%	1.43%	0.99%	0.10%	0.05%
(D)	-	0.70%	0.00%	0.00%	-0.18%	-0.37%
171.9	0.43%	0.36%	0.12%	-0.12%	-0.24%	-0.38%
92.8	1.12%	0.92%	0.58%	0.35%	-0.10%	-0.24%
48.5	1.25%	1.04%	0.64%	0.35%	-0.09%	-0.24%
44.2	1.00%	0.79%	0.52%	0.35%	-0.09%	-0.24%
119.1	1.57%	1.28%	0.82%	0.55%	-0.03%	-0.13%
84.0	1.64%	1.20%	0.96%	0.71%	0.04%	-0.05%
387.1	1.71%	1.52%	0.99%	0.56%	-0.02%	-0.10%
201.0	1.60%	1.33%	0.91%	0.60%	0.00%	-0.08%
890.3	2.84%	2.16%	1.49%	0.94%	0.10%	0.05%
691.3	0.24%	0.29%	0.09%	-0.06%	-0.19%	-0.31%
376.5	-0.11%	0.04%	-0.15%	-0.27%	-0.29%	-0.45%
97.0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
217.8	0.93%	0.82%	0.48%	0.22%	-0.13%	-0.24%