

Sheet1

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.

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

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Center for Public Service, University of Virginia
 Electronic Bulletin Board Report No. 91-2
 BEA Projections of Population, Income, and Employment to 2040
 Detailed Projections for Virginia
 File Name: VANUMS

	1973	1978	Actual 1983
Virginia			
Total personal income	48464.20	59325.20	66579.90
Nonfarm personal income	47654.70	59000.50	66457.80
Farm income	809.50	324.70	122.10
Total earnings by place of work	37898.30	43527.60	46178.10
Less: Personal contributions for social insurance	1912	2189.40	2528.70
Plus: Adjustment for residence	1817.20	2857.50	2935.60
Equals: Net earnings by place of residence	37803.50	44195.60	46585.00
Plus: Dividends, interest, and rent	5273.80	7224	10374.70
Plus: Transfer payments	5386.90	7905.60	9620.30
Total earnings	37898.30	43527.60	46178.10
Farm	809.50	324.70	122.10
Nonfarm	37088.80	43202.90	46056.00
Private	25880.30	31648	33262.80
Agricultural services, forestry, fisheries, and other	135.20	184.80	174.30
Mining	462	801.90	673
Coal mining	386.90	666	536.60
Oil and gas extraction	21.40	67.70	84.60
Metal mining	4.20	11.30	5
Nonmetallic minerals, except fuels	49.50	56.90	46.90
Construction	2867.50	3304.90	2768.10
Manufacturing	7202.60	8174	8282
Nondurable goods	3751.10	4166.70	4332.10
Food and kindred products	561.10	666.10	643.90
Textile mill products	652.50	679.30	640.80
Apparel and other textile products	416.60	344.20	314.80
Paper and allied products	318.10	382.60	387.70
Printing and publishing	294.90	399.30	503.10
Chemicals and allied products	887.80	888	922.70
Petroleum and coal products	8.80	13.10	15.80
Tobacco manufactures	374.10	483.50	572.90
Rubber and miscellaneous plastic products	188.60	269	297.50
Leather and leather products	48.70	41.70	33
Durable goods	3451.50	4007.30	3949.80
Lumber and wood products	383.40	438.70	337.90
Furniture and fixtures	411.90	376.10	310
Primary metal industries	263.20	363.10	290.40
Fabricated metal products	368	465.40	428.10
Machinery, except electrical	256.50	331.10	294.20
Electric and electronic equipment	609	746.90	921.10
Transportation equipment, excluding motor vehicles	706.80	657.50	836.70
Motor vehicles and equipment	106.50	223.50	175.30
Ordnance	5	N.A.	N.A.

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Stone, clay, and glass products	242	267.70	240.90
Instruments and related products	44.90	72.40	62
Miscellaneous manufacturing industries	54.20	64.90	53.20
Transportation and public utilities	2624.50	3015.80	3413.70
Railroad transportation	458	401	394.70
Trucking and warehousing	621.70	744.10	656.70
Water transportation	90.90	112.20	87
Local and interurban passenger transit	126.30	110.60	100.90
Transportation by air	342.30	419.40	511.70
Pipelines, except natural gas	2.70	5.60	3.10
Transportation services	56.40	59.70	84.80
Communication	605.10	751.50	1007.80
Electric, gas, and sanitary services	321.10	411.60	566.90
Wholesale trade	1703	2261.90	2470.50
Retail trade	3886.90	4318.50	4371.30
Finance, insurance, and real estate	1735.70	2206.30	2094
Banking and credit agencies	511.10	693.30	822.70
Holding companies and investment services	133.90	151.10	286.30
Insurance	512.70	639.80	670.90
Real estate	577.90	722.10	314.10
Services	5262.90	7379.90	9015.90
Hotels and other lodging places	279.90	352.50	376
Personal services	348.20	397.10	437.60
Private households	316.20	291.80	270.20
Business and miscellaneous repair services	799.50	1701.80	2434.80
Auto repair, services, and garages	204.80	293.70	313.20
Amusement and recreation services and motion pictures	118.80	160.30	171.90
Health services	1425	2072.80	2566
Legal services	351	445.70	486.90
Educational services	315.50	256	273.80
Social services and membership organizations	429.90	610.60	641.10
Miscellaneous professional services	674.20	797.60	1044.30
Government and government enterprises	11208.50	11554.90	12793.10
Federal, civilian	4022.20	4287.40	4521.60
Federal, military	3332.40	2662	3417.50
State and local	3853.90	4605.60	4854
Total population as of July 1 (thousands)	4907	5325	5558
Under 18 years	N.A.	N.A.	1431
18-64 years	N.A.	N.A.	3572
65 years and over	N.A.	N.A.	555
Per capita income (1982 dollars)	9877	11142	11979
Per capita income relative (U.S.=1.00)	0.95	0.96	1.03
Employment/population ratio	0.47	0.51	0.52
Employment/population ratio relative (U.S.=1.00)	1.04	1.02	1.06
Total employment	2330	2708.70	2868.70
Farm	94.50	84	87.70
Nonfarm	2235.50	2624.60	2781
Private	1636.40	1961	2088.20
Agricultural services, forestry, fisheries, and other	12.20	16.30	18.30

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Mining	17	25	20.10
Coal mining	13.60	21.10	16.30
Oil and gas extraction	0.40	0.60	1.20
Metal mining	0.30	0.40	0.30
Nonmetallic minerals, except fuels	2.70	2.90	2.40
Construction	149.70	171.70	151.90
Manufacturing	407.80	422.30	411.40
Nondurable goods	225.80	225.60	223.70
Food and kindred products	36.90	41.40	39.30
Textile mill products	46.70	45.30	44.50
Apparel and other textile products	40.60	33.40	31.40
Paper and allied products	14.30	15	14.70
Printing and publishing	17.10	22.60	26.70
Chemicals and allied products	38.10	34.20	33.10
Petroleum and coal products	0.20	0.30	0.40
Tobacco manufactures	17.20	16.70	17.20
Rubber and miscellaneous plastic products	10.30	12.60	13
Leather and leather products	4.40	3.90	3.50
Durable goods	182	196.70	187.60
Lumber and wood products	24.80	27.20	23.10
Furniture and fixtures	28.60	27.70	23.80
Primary metal industries	10.70	14.20	10.10
Fabricated metal products	17.50	20.30	18.70
Machinery, except electrical	12.60	15.80	13.80
Electric and electronic equipment	31.60	33.60	37.40
Transportation equipment, excluding motor vehicles	32.60	26.80	34.20
Motor vehicles and equipment	3.70	9	6.50
Ordnance	0.20	N.A.	N.A.
Stone, clay, and glass products	12.80	13.70	12.90
Instruments and related products	2.90	3.90	3.50
Miscellaneous manufacturing industries	3.90	4.60	3.70
Transportation and public utilities	114.20	124	133.80
Railroad transportation	17.30	13.70	12.20
Trucking and warehousing	31.50	37.10	35.20
Water transportation	4.90	5.60	4.70
Local and interurban passenger transit	9	7.70	7.40
Transportation by air	10.60	12	13.70
Pipelines, except natural gas	0.10	0.20	0.10
Transportation services	3.10	3.50	5.70
Communication	24.30	27.90	34.80
Electric, gas, and sanitary services	13.30	16.30	20.10
Wholesale trade	79.70	105.80	113.60
Retail trade	325.30	392.90	425.70
Finance, insurance, and real estate	122.80	163.30	175
Banking and credit agencies	31.50	43.40	47.20
Holding companies and investment services	14.70	18.10	14.80
Insurance	25.10	32.70	35.60
Real estate	51.40	69.20	77.50
Services	407.70	539.60	638.50

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Hotels and other lodging places	27.60	32.60	37
Personal services	34.20	41.80	47.60
Private households	72.50	65.20	61.80
Business and miscellaneous repair services	57.30	109.90	153.20
Auto repair, services, and garages	12.70	18.20	21.30
Amusement and recreation services and motion pictures	15.80	23.50	27.10
Health services	77.60	111.80	133.80
Legal services	10.20	15.80	18.70
Educational services	26.80	26.50	30
Social services and membership organizations	39.40	54.40	55.90
Miscellaneous professional services	33.70	40	52
Government and government enterprises	599.10	663.70	692.80
Federal, civilian	151.50	165.10	173.60
Federal, military	189.10	173.30	194.40
State and local	258.60	325.30	324.80

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1988	BEA Projections					
	1995	2000	2005	2010	2020	2040
85349.20	101091.30	112133.70	122050.90	131158.00	146021.90	176065.30
84884.10	100631.60	111667.30	121580.10	130684.10	145550.00	175576.70
465.10	459.70	466.40	470.70	473.90	471.90	488.60
61526.80	72445.70	80332.30	87245.60	93163.10	100869.50	117527.70
3620.50	4611.20	5432.90	6243.10	7028.60	8170.80	10825.60
3021.90	3503.20	3818.70	4089.50	4316	4622.80	5286
60928.10	71337.70	78718.20	85092.00	90450.50	97321.50	111988.00
13586.80	16618.20	18838.20	20869.10	22603.60	24674.60	29194.50
10834.30	13135.40	14577.40	16089.70	18103.90	24025.80	34882.80
61526.80	72445.70	80332.30	87245.60	93163.10	100869.50	117527.70
465.10	459.70	466.40	470.70	473.90	471.90	488.60
61061.60	71986.00	79865.90	86774.90	92689.30	100397.50	117039.10
46298.50	55832.40	62642.00	68603.90	73684.40	80240.50	94151.00
290.60	380	441.50	494.60	539.70	599.70	722
538.90	552.10	574	588.40	600.60	609.90	649.30
422.90	423.10	435.30	441.60	447.10	448.70	469.40
34.20	36.40	38.60	40	41.20	42.10	45
2	2.10	2.20	2.30	2.40	2.50	2.70
79.80	90.40	97.90	104.40	110	116.70	132.20
4971.20	5585.40	6044.60	6435	6766.80	7163.30	8093
9364.30	10510.20	11331.90	12024.70	12626.20	13336.40	15014.70
4576.10	5138.60	5553.30	5884.80	6164.10	6488.90	7271.10
637.70	682.60	715.70	738.40	758	775.20	832.20
626	699	748.30	783.90	813.70	845.70	930.20
284.90	312.40	333.20	347.90	360.10	372.40	406.30
439.10	471	501	522.20	540.40	559.70	613.70
751.80	916.70	1034.70	1138.30	1227.30	1342.90	1585
932.10	1051.90	1144.50	1220.90	1284.70	1360.60	1536.90
17.20	18.80	20	20.80	21.50	22.20	24
491.70	536.70	567.40	590.60	608.70	626.60	680.60
382.90	437.80	477	509.90	537.80	571.60	649.40
12.60	11.70	11.70	11.80	12	12.10	12.70
4788.20	5371.60	5778.60	6139.90	6462.10	6847.50	7743.60
496.90	580.30	640.20	691.20	734.30	788.10	906.90
342.40	369.50	393	413.10	429.70	448	495.80
335.70	350.90	365.80	377.80	387.30	395.20	422.80
437	486.80	514.80	533.90	549.90	565.40	612.40
461.40	520.10	547.60	575.60	603.60	636.20	713.90
1012.70	1073.50	1121.30	1171.40	1222.60	1281.10	1426.80
937	1128.20	1270.20	1394.90	1500.50	1636.90	1924.90
236.30	258.70	272	282.80	293.60	305	334.80
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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331.90	379.10	409.90	439.50	467.70	502.80	579.20
124.40	148.40	165.50	180	192.30	207.80	241.10
72.30	76.20	78.40	79.60	80.70	81.10	85.10
4300.10	4950.30	5413.10	5800.50	6144.90	6569.10	7518.50
324.80	285.10	276.60	272	270.60	263.70	261.80
831.60	992.10	1092.60	1187.90	1277.70	1393.80	1638.80
103.90	111.10	117.70	122.30	126.20	129.70	140.20
105.20	123.30	135.50	145	153.20	163.20	185.90
756.60	947.40	1062.90	1155.80	1236	1338	1557.10
2.40	2.50	2.60	2.70	2.70	2.70	2.90
126.70	169.10	197.30	222.20	243.80	272.90	331.60
1305.30	1458.70	1572.50	1660.70	1736.80	1824.20	2037.40
743.60	861	955.50	1031.90	1098	1180.90	1362.90
3261.80	3747.60	4079.50	4392.70	4681.60	5045.40	5837.80
5730.20	6812.90	7607.50	8288.80	8854	9570.20	11115.10
3371.30	4110.10	4628.10	5092.30	5511.70	6061.80	7202.70
1290.20	1551.70	1724.70	1889	2043.80	2246.60	2667.90
468.70	553.80	601.90	647.50	691.30	746.40	865.30
1009.10	1282.70	1489.30	1664.80	1818.40	2023.50	2440.80
603.30	722	812.20	890.90	958.30	1045.30	1228.70
14470	19183.90	22521.80	25486.80	27958.80	31284.50	37997.90
476.60	580.90	654.50	719.70	775.20	846.90	997.40
657.60	756.90	829.30	892.10	945.70	1012.10	1160.30
270.60	281.40	292	300.60	307.70	313.70	336.10
4604.90	6782.10	8316.40	9691.30	10834.30	12409.20	15503.30
496.90	620.60	708.20	785.20	851.90	939.70	1120.80
277.30	350.20	403.70	451.90	493.50	549	662
3611.60	4684	5427.70	6079.90	6598.80	7283.50	8694.80
817.20	1125.30	1346.20	1545.30	1719.40	1958	2429.60
373.40	440.30	488.40	530.40	566.40	611.90	710.40
891.60	1064.80	1188.50	1297.90	1391.40	1511.20	1766.60
1992.30	2497.50	2866.70	3192.30	3474.70	3849.30	4616.60
14763.20	16153.60	17223.80	18171	19004.90	20157.10	22888.10
4738.20	5032.80	5279.40	5482.10	5650.90	5818.60	6321.90
3690.80	3922.10	4093.30	4273.40	4458.70	4859	5765.60
6334.10	7198.70	7851.20	8415.50	8895.30	9479.50	10800.70
6015	6544	6860	7148	7404	7753	8010
1470	1561	1570	1548	1527	1547	1507
3906	4232	4495	4756	4949	4965	4857
640	750	796	844	929	1241	1646
14189	15448	16345	17075	17714	18835	21981
1.07	1.07	1.07	1.06	1.06	1.06	1.06
0.59	0.60	0.60	0.60	0.59	0.56	0.53
1.09	1.08	1.07	1.06	1.06	1.06	1.07
3544.60	3912.40	4147.50	4307.90	4403.40	4367	4277.90
69.10	64.20	61.70	59.10	56.70	51.30	44
3475.50	3848.20	4085.80	4248.80	4346.70	4315.80	4233.80
2715.10	3060.60	3280	3433.50	3528.50	3517.40	3467.20
26.60	33.70	38.10	41.40	43.70	45	46.30

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18.80	18.40	18.40	18.20	17.90	16.80	15.10
13.70	13	12.90	12.60	12.30	11.40	10.10
1.40	1.40	1.50	1.50	1.50	1.40	1.30
0.20	0.20	0.20	0.20	0.20	0.20	0.20
3.50	3.70	3.80	3.80	3.80	3.70	3.50
248.30	258.80	266	269.70	270.60	261.30	246.80
438.80	458.30	470.60	476	477.30	460.30	433.60
225.60	234.70	240.90	243	242.80	233	218
37.40	37.40	37.50	37	36.30	34.10	30.80
43.10	44.20	44.80	44.60	44.20	41.80	38.30
28.90	29.20	29.50	29.30	28.90	27.20	24.70
15.50	15.50	15.70	15.60	15.50	14.60	13.40
36.70	42.30	45.80	48.40	50	50.30	50.10
32.70	33.50	34.10	34.20	34	32.40	30
0.40	0.40	0.50	0.50	0.40	0.40	0.40
13.10	12.80	12.70	12.40	12.10	11.20	9.90
16.60	18.30	19.40	20.10	20.50	20.30	19.70
1.10	1	0.90	0.90	0.80	0.80	0.70
213.20	223.60	229.70	233.10	234.50	227.30	215.60
28.60	31.30	33.10	34.10	34.70	34.20	33.10
25.30	25.60	26	26.20	26	24.90	23.10
11.30	11.20	11.30	11.20	11.10	10.40	9.50
19.10	19.50	19.60	19.40	19.10	17.90	16.20
19.50	20.30	20.20	20.20	20.10	19.30	18
37.50	38.10	38.50	38.80	39	37.70	35.70
36.70	40.60	43.20	45	46	45.60	44.60
8.20	8.20	8.10	8	7.90	7.40	6.80
N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
17	18.20	18.80	19.30	19.70	19.40	18.80
6.10	6.60	6.90	7	7.10	6.90	6.60
4	4	4	3.90	3.80	3.60	3.20
164.50	180	189.40	195.20	198.80	195.90	190.10
9.90	8.40	7.90	7.50	7.20	6.50	5.50
45.20	50.50	53.20	55.40	57	57	56.40
4.90	5	5.10	5.10	5	4.80	4.40
8.30	9	9.30	9.50	9.60	9.30	8.80
22.20	26.80	29.10	30.60	31.60	31.70	31.40
0.10	0.10	0.10	0.10	0.10	0.10	0.10
8.70	10.70	12	12.90	13.50	13.90	14.20
41.90	44.30	45.90	46.60	46.80	45.20	42.60
23.40	25.30	26.70	27.60	28	27.60	26.70
137.20	151	158.70	164.90	169.70	169.60	167.60
560.70	631	679.30	712.30	731.80	729.20	718.20
236.30	261.50	277.70	289.10	296.70	295.40	290.60
65.20	72.30	76.20	79.30	81.80	81.90	81.10
19.90	22.30	23.50	24.40	25.10	25.10	24.80
45.80	52.20	56.80	59.80	61.90	62.20	61.90
105.50	114.70	121.20	125.50	127.90	126.20	122.70
883.90	1068	1181.90	1266.80	1321.90	1344	1358.90

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47.60	55	59.60	63	65.20	65.60	65.30
68.30	77.10	82.60	86.40	88.90	88.60	87.40
58.50	57.70	57.50	56.80	55.80	52.20	47.30
258.90	358.20	419.40	467	499.50	523.70	549.60
31.40	36.50	39.70	42	43.50	43.90	43.90
35.40	39.70	42.60	44.70	46	45.90	45.40
171	203	221.70	235.40	243.40	244.60	243.60
24.80	30.10	33.40	35.90	37.60	38.40	39
35.40	38.70	40.80	42.20	42.90	42.30	41.10
71.70	78.70	83.60	86.90	88.90	88.10	86.10
81.10	93.30	101	106.50	110.20	110.70	110.30
760.40	787.60	805.80	815.30	818.30	798.30	766.70
183.90	186.90	189.30	189.40	188	178.70	164.90
212.80	213	213	213	213	213	213
363.60	387.70	403.50	412.90	417.30	406.70	388.70