

Adult Literacy and Numeracy Snapshot

VIRGINIA



U.S. PIAAC Skills Map: State and County Indicators of Adult Literacy and Numeracy

The Skills Map provides the most comprehensive snapshot of key workforce skills in every state and county in the United States. Users can easily access information about the literacy and numeracy proficiency of adults aged 16-74 and compare performance between individual states and counties. Results are reported as the state or county average score on a scale of 0-500 and as the percentage of adults at the lowest levels of proficiency (at or below Level 1), medium proficiency (at Level 2), and the highest levels of proficiency (at or above Level 3).

The data in the tool are generated by a technique called small area estimation. The statistical models used to calculate the state and county estimates relied on combined data from the 2012, 2014, and 2017 Program of the International Assessment of Adult Competencies (PIAAC) in conjunction with 2013-2017 data from the U.S. Census Bureau's American Community Survey (ACS) to produce reliable estimates. The estimates are predictions of how the adults in a given state or county would have performed had they taken the PIAAC assessments. For more information on the tool, please visit the PIAAC State and County Estimates page: nces.ed.gov/surveys/piaac/state-county-estimates.asp

Literacy

Average scale score:

National
264

Virginia
270
↑ (above national average)

Virginia proficiency level results:

At or below Level 1
(Below 226)
19%

Level 2
(226-275)
31%

At or above Level 3
(Above 275)
50%

Note: Percentages may not total 100 due to rounding.

States sorted by average literacy scale score:

New Hampshire	279	Connecticut	271	Oklahoma	263
Minnesota	279	Kansas	271	South Carolina	263
Vermont	277	South Dakota	271	Arizona	262
District of Columbia	277	Michigan	271	Kentucky	261
Alaska	277	Hawaii	270	Georgia	260
North Dakota	276	Virginia	270	Tennessee	260
Washington	275	Idaho	270	West Virginia	260
Utah	274	Ohio	268	New York	260
Iowa	273	Maryland	268	Florida	259
Oregon	273	Indiana	266	Alabama	259
Maine	273	Pennsylvania	266	Arkansas	259
Wisconsin	273	Rhode Island	266	California	257
Massachusetts	273	Missouri	266	Nevada	255
Montana	273	Illinois	266	Texas	254
Wyoming	272	North Carolina	265	Mississippi	252
Colorado	272	New Jersey	264	New Mexico	252
Nebraska	271	Delaware	264	Louisiana	252

Counties sorted by average literacy scale score:

Falls Church City	300	Highland	265	Pittsylvania	255
Arlington	291	Floyd	265	Surry	255
Loudoun	288	Franklin	265	Manassas Park City	255
Poquoson City	287	Pulaski	265	Bath	255
York	285	Washington	265	Roanoke City	255
Fairfax City	282	Orange	265	Caroline	254
James City	282	Rockbridge	264	Wise	254
Albemarle	282	Augusta	264	Portsmouth City	254
Fairfax	281	Greene	264	Grayson	254
Alexandria City	280	Madison	264	Manassas City	254
Hanover	280	Warren	264	Amelia	253
Roanoke	279	Campbell	264	Essex	253
Stafford	278	Lynchburg City	264	Covington City	253
Virginia Beach City	278	Northumberland	264	Henry	252
Fluvanna	277	Suffolk City	263	Mecklenburg	251
Goochland	277	Middlesex	263	King and Queen	251
Williamsburg City	277	Giles	263	Buena Vista City	250
Montgomery	277	Nelson	262	Danville City	250
Botetourt	276	Bland	262	Cumberland	250
King George	276	Hampton City	262	Page	250
Chesterfield	275	Prince George	262	Dinwiddie	250
Fauquier	275	Culpeper	261	Prince Edward	250
Powhatan	274	Bristol City	261	Richmond	249
Henrico	273	Shenandoah	261	Northampton	249
New Kent	273	Lancaster	261	Lee	249
Rappahannock	272	Newport News City	261	Franklin City	249
Chesapeake City	272	Alleghany	261	Martinsville City	248
Mathews	272	Rockingham	261	Halifax	248
Bedford	272	Carroll	260	Accomack	247
Charlottesville City	272	Norfolk City	260	Buchanan	247
Salem City	270	Waynesboro City	259	Hopewell City	247
Frederick	270	Winchester City	259	Dickenson	247
Staunton City	270	Appomattox	259	Galax City	246
Gloucester	269	Westmoreland	259	Lunenburg	243
Fredericksburg City	269	Amherst	258	Charlotte	242
Lexington City	269	Russell	258	Charles City	241
Clarke	269	Wythe	257	Nottoway	241
Isle of Wight	268	Tazewell	257	Brunswick	240
Prince William	268	Smyth	257	Buckingham	239
Spotsylvania	268	Harrisonburg City	256	Petersburg City	236
Colonial Heights City	268	Louisa	256	Emporia City	235
Norton City	267	Scott	256	Sussex	234
Craig	267	Southampton	256	Greensville	229
King William	267	Patrick	256		
Radford City	266	Richmond City	255		

Numeracy

Average scale score:

National
249Virginia
257
↑ (above national average)

Virginia proficiency level results:

At or below Level 1
(Below 226)
28%Level 2
(226-275)
31%At or above Level 3
(Above 275)
40%*Note: Percentages may not total 100 due to rounding.*

States sorted by average numeracy scale score:

New Hampshire	268	South Dakota	259	Arizona	247
Minnesota	268	Hawaii	259	Oklahoma	247
Vermont	265	Kansas	258	Kentucky	247
North Dakota	264	Connecticut	258	South Carolina	246
Alaska	264	Virginia	257	New York	245
Washington	262	Idaho	256	West Virginia	245
Utah	262	Michigan	256	Tennessee	245
Iowa	261	Maryland	255	California	244
Massachusetts	261	Ohio	254	Georgia	243
Oregon	260	Rhode Island	253	Florida	243
Maine	260	Pennsylvania	252	Arkansas	243
Montana	260	Missouri	252	Alabama	242
District of Columbia	260	Illinois	252	Nevada	240
Colorado	260	Indiana	252	Texas	238
Wyoming	260	New Jersey	250	New Mexico	235
Nebraska	259	North Carolina	249	Mississippi	234
Wisconsin	259	Delaware	249	Louisiana	233

Counties sorted by average numeracy scale score:

Falls Church City	293	Botetourt	265	Clarke	257
Arlington	283	King George	264	Staunton City	256
Loudoun	279	Fauquier	264	Lexington City	256
Poquoson City	278	Chesterfield	263	Isle of Wight	256
York	275	Powhatan	262	Charlottesville City	256
Fairfax City	273	Montgomery	262	Prince William	255
Albemarle	271	Williamsburg City	262	Spotsylvania	255
James City	271	New Kent	261	Craig	255
Fairfax	271	Rappahannock	261	Highland	254
Hanover	269	Bedford	260	Floyd	254
Roanoke	268	Henrico	260	Norton City	253
Alexandria City	268	Mathews	259	Fredericksburg City	253
Stafford	267	Frederick	259	King William	253
Goochland	266	Chesapeake City	258	Colonial Heights City	253
Fluvanna	266	Salem City	258	Pulaski	253
Virginia Beach City	265	Gloucester	257	Washington	252

Counties sorted by average numeracy scale score (continued):

Greene	252	Manassas City	240
Franklin	252	Caroline	239
Augusta	252	Grayson	239
Warren	251	Amelia	239
Orange	251	Harrisonburg City	239
Campbell	251	Surry	239
Madison	251	Essex	237
Rockbridge	251	Roanoke City	237
Giles	250	Henry	237
Middlesex	250	Covington City	236
Bland	250	Richmond City	236
Rockingham	249	Page	236
Culpeper	249	Portsmouth City	235
Shenandoah	248	Mecklenburg	234
Nelson	248	Lee	234
Suffolk City	248	Buena Vista City	234
Carroll	248	King and Queen	234
Northumberland	248	Dinwiddie	233
Radford City	247	Richmond	233
Lynchburg City	247	Dickenson	233
Bristol City	246	Buchanan	232
Alleghany	246	Prince Edward	232
Lancaster	246	Cumberland	232
Prince George	246	Galax City	232
Winchester City	246	Danville City	231
Russell	245	Northampton	231
Tazewell	245	Franklin City	231
Appomattox	244	Halifax	230
Westmoreland	244	Accomack	229
Amherst	244	Martinsville City	229
Hampton City	244	Hopewell City	228
Wythe	244	Lunenburg	226
Waynesboro City	243	Charles City	224
Louisa	243	Charlotte	223
Newport News City	243	Nottoway	223
Smyth	243	Buckingham	222
Scott	243	Brunswick	220
Patrick	242	Sussex	216
Wise	241	Petersburg City	212
Southampton	241	Emporia City	211
Bath	241	Greensville	209
Pittsylvania	241		
Norfolk City	240		
Manassas Park City	240		