

Adult Literacy and Numeracy Snapshot

KENTUCKY



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

Kentucky
261
■ (same as national average)

Kentucky proficiency level results:

At or below Level 1
(Below 226)
22%

Level 2
(226-275)
37%

At or above Level 3
(Above 275)
41%

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:

Oldham	282	Bourbon	255	Floyd	247
Boone	278	Johnson	255	Letcher	247
Fayette	272	Bracken	254	Lawrence	247
Kenton	271	Simpson	254	Webster	247
Campbell	271	Crittenden	254	Casey	247
Scott	269	Washington	254	Nicholas	247
Woodford	269	Harrison	254	Green	247
Spencer	269	Logan	253	Bath	247
Hardin	267	Garrard	253	Hart	246
Franklin	267	Cumberland	253	Hickman	246
Jefferson	267	Barren	253	Fulton	246
Madison	266	Whitley	253	Jackson	246
Warren	266	Fleming	253	Magoffin	245
Anderson	265	Livingston	253	Lincoln	245
Boyd	265	Pulaski	253	Clinton	245
McCracken	265	Graves	253	Knott	245
Calloway	265	Allen	252	Lewis	244
Daviess	264	Union	252	Carroll	244
Meade	264	Laurel	251	Wayne	244
Nelson	264	Robertson	251	Breathitt	243
Marshall	263	Trimble	251	Martin	243
Greenup	263	Grant	251	Lee	243
Jessamine	263	Perry	251	Estill	242
Clark	263	Adair	250	Harlan	242
Bullitt	263	Butler	250	Owsley	241
Shelby	263	Owen	250	Elliott	241
Trigg	262	Henry	250	Knox	239
Boyle	261	Metcalfe	250	Leslie	238
Henderson	260	Carter	250	Bell	238
Mason	260	Breckinridge	250	McCreary	238
Ballard	259	Grayson	250	Clay	233
Rowan	259	Russell	249	Wolfe	231
McLean	259	Monroe	249		
Caldwell	258	Menifee	249		
Carlisle	258	Rockcastle	249		
Mercer	258	Ohio	249		
Hancock	258	Edmonson	249		
Lyon	257	Muhlenberg	249		
Montgomery	256	Todd	248		
Christian	256	Gallatin	248		
Larue	256	Marion	248		
Pendleton	256	Powell	248		
Hopkins	256	Pike	248		
Taylor	255	Morgan	248		

Numeracy

Average scale score:

National
249Kentucky
247
 (same as national average)

Kentucky proficiency level results:

At or below Level 1
(Below 226)
34%Level 2
(226-275)
35%At or above Level 3
(Above 275)
31%*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:

Oldham	273	McCracken	251	McLean	244
Boone	267	Daviess	251	Rowan	244
Kenton	259	Nelson	251	Mercer	244
Fayette	258	Boyd	251	Hancock	244
Campbell	258	Bullitt	250	Pendleton	243
Spencer	258	Greenup	250	Lyon	243
Scott	257	Clark	250	Larue	243
Woodford	257	Shelby	250	Caldwell	242
Franklin	254	Calloway	250	Montgomery	241
Hardin	254	Jessamine	249	Johnson	241
Jefferson	253	Trigg	249	Hopkins	241
Madison	252	Boyle	247	Bourbon	241
Anderson	252	Henderson	246	Crittenden	240
Marshall	252	Mason	245	Garrard	240
Warren	252	Ballard	245	Christian	240
Meade	251	Carlisle	245	Harrison	240

Counties sorted by average numeracy scale score (continued):

Fleming	240	Casey	232
Washington	240	Bath	232
Taylor	240	Magoffin	232
Bracken	239	Letcher	232
Simpson	239	Webster	232
Logan	239	Floyd	232
Livingston	239	Hart	231
Cumberland	239	Nicholas	230
Whitley	239	Wayne	230
Allen	238	Lewis	230
Barren	238	Lincoln	229
Graves	237	Knott	229
Pulaski	237	Jackson	229
Trimble	237	Fulton	229
Adair	237	Martin	228
Laurel	237	Carroll	228
Robertson	236	Lee	227
Perry	236	Breathitt	227
Butler	236	Owsley	226
Menifee	236	Estill	225
Carter	235	Harlan	225
Metcalfe	235	Elliott	223
Grant	235	Knox	223
Breckinridge	235	Leslie	223
Owen	235	Bell	221
Rockcastle	235	McCreary	218
Russell	235	Clay	217
Edmonson	235	Wolfe	214
Henry	234		
Gallatin	234		
Union	234		
Ohio	234		
Monroe	234		
Morgan	234		
Muhlenberg	233		
Grayson	233		
Pike	233		
Green	233		
Todd	233		
Marion	233		
Powell	233		
Clinton	232		
Hickman	232		
Lawrence	232		