

Adult Literacy and Numeracy Snapshot

TEXAS



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 | Texas |
| 264 | 254 |
| | ↓ (below national average) |

Texas proficiency level results:

| | | |
|------------------------------------|----------------------|------------------------------------|
| At or below Level 1 (Below 226) | Level 2 (226-275) | At or above Level 3 (Above 275) |
| 28% | 32% | 40% |

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:

| | | | | | |
|----------------------|-----|---------------------|-----|------------------------|-----|
| Collin | 284 | Orange | 262 | Eastland | 255 |
| Borden ¹ | 284 | Kerr | 261 | Jackson | 255 |
| Carson | 279 | Somervell | 261 | Fisher | 255 |
| Rockwall | 279 | Erath | 261 | Harrison | 255 |
| Denton | 278 | Jeff Davis | 261 | Young | 255 |
| Roberts ¹ | 278 | Wood | 261 | Brown | 254 |
| Williamson | 277 | Loving ¹ | 261 | Lavaca | 254 |
| Kendall | 277 | Ellis | 260 | Morris | 254 |
| Armstrong | 276 | Smith | 260 | Real | 254 |
| Randall | 274 | Throckmorton | 260 | Nacogdoches | 253 |
| Fort Bend | 273 | Guadalupe | 259 | Briscoe | 253 |
| Parker | 272 | Fannin | 259 | Rains | 253 |
| Comal | 272 | Johnson | 259 | Palo Pinto | 253 |
| Archer | 272 | Callahan | 259 | Coleman | 253 |
| Travis | 271 | Washington | 259 | Glasscock ¹ | 253 |
| Hood | 269 | Delta | 259 | Sabine | 253 |
| Oldham | 267 | Upshur | 259 | Wilson | 253 |
| Llano | 267 | Wise | 259 | Fayette | 253 |
| Blanco | 267 | Kaufman | 259 | Hopkins | 253 |
| Shackelford | 267 | Panola | 259 | Childress | 253 |
| Lampasas | 266 | Goliad | 259 | Tyler | 252 |
| Montgomery | 265 | Coke | 258 | Bastrop | 252 |
| Motley ¹ | 265 | Hutchinson | 258 | Kimble | 251 |
| Hays | 265 | Van Zandt | 258 | Hill | 251 |
| Baylor | 265 | Hamilton | 258 | Red River | 251 |
| Gillespie | 264 | Kent ¹ | 258 | Trinity | 251 |
| Irion | 264 | Wichita | 258 | Rusk | 251 |
| Grayson | 264 | Lamar | 258 | Hemphill | 251 |
| Brazoria | 264 | Mason | 257 | Foard ¹ | 251 |
| Donley | 264 | Lubbock | 257 | Gray | 251 |
| Galveston | 264 | Montague | 257 | Knox | 251 |
| Brazos | 263 | Midland | 257 | Leon | 251 |
| Bell | 263 | Bosque | 257 | Dickens | 250 |
| Coryell | 263 | Bowie | 256 | Newton | 250 |
| Chambers | 263 | King ¹ | 256 | Cass | 250 |
| Hardin | 263 | Austin | 256 | Jasper | 250 |
| Franklin | 263 | Brewster | 256 | Comanche | 250 |
| Tarrant | 263 | Hunt | 256 | Robertson | 250 |
| Clay | 262 | Gregg | 256 | Angelina | 250 |
| Taylor | 262 | McLennan | 256 | Wheeler | 250 |
| Cooke | 262 | Henderson | 255 | Hartley | 249 |
| Bandera | 262 | Aransas | 255 | Stonewall ¹ | 249 |
| Mills | 262 | Lipscomb | 255 | Victoria | 249 |
| Burnet | 262 | Tom Green | 255 | Bexar | 249 |

Counties sorted by average literacy scale score (continued):

| | | | | | |
|-----------------------|-----|---------------------|-----|---------------------|-----|
| Marion | 249 | Liberty | 243 | Terry | 232 |
| Sherman | 249 | Lynn | 243 | Dallam | 232 |
| Milam | 249 | Hansford | 243 | Atascosa | 232 |
| Colorado | 249 | Shelby | 243 | Reagan | 232 |
| Lee | 248 | Wharton | 242 | Dawson | 232 |
| Medina | 248 | DeWitt | 242 | Gaines | 231 |
| Martin | 248 | Waller | 242 | Bailey | 231 |
| Camp | 248 | Ochiltree | 241 | Concho | 230 |
| Freestone | 248 | Madison | 241 | Cochran | 229 |
| Harris | 248 | Edwards | 241 | Bee | 227 |
| Jack | 248 | Potter | 241 | Kinney | 227 |
| Jefferson | 248 | Ward | 240 | Val Verde | 225 |
| McCulloch | 248 | Matagorda | 240 | Jim Wells | 224 |
| Schleicher | 247 | Kleberg | 240 | Pecos | 224 |
| Cherokee | 247 | Upton | 240 | Garza | 223 |
| McMullen ¹ | 247 | San Patricio | 240 | Reeves | 221 |
| San Augustine | 247 | Floyd | 240 | La Salle | 220 |
| Stephens | 247 | Titus | 240 | Jim Hogg | 219 |
| Wilbarger | 247 | Swisher | 239 | Cameron | 217 |
| Hardeman | 247 | Ector | 239 | Webb | 217 |
| Dallas | 247 | Hall | 239 | Hidalgo | 216 |
| Scurry | 246 | Refugio | 239 | Frio | 215 |
| Navarro | 246 | Crane | 239 | Duval | 213 |
| Nolan | 246 | Mitchell | 238 | Brooks | 213 |
| Runnels | 246 | Jones | 238 | Dimmit | 213 |
| Calhoun | 246 | Falls | 238 | Maverick | 212 |
| Houston | 246 | Andrews | 237 | Presidio | 210 |
| Hockley | 246 | Cottle ¹ | 237 | Willacy | 208 |
| Anderson | 246 | Caldwell | 237 | Culberson | 207 |
| Grimes | 245 | Haskell | 237 | Zavala | 207 |
| Limestone | 245 | Lamb | 236 | Zapata | 202 |
| Burleson | 245 | El Paso | 235 | Hudspeth | 197 |
| San Saba | 245 | Moore | 235 | Starr | 194 |
| Sutton | 245 | Castro | 234 | Kenedy ¹ | 189 |
| Live Oak | 245 | Winkler | 234 | | |
| Howard | 245 | Yoakum | 234 | | |
| Collingsworth | 244 | Deaf Smith | 233 | | |
| Polk | 244 | Karnes | 233 | | |
| Menard | 244 | Hale | 233 | | |
| San Jacinto | 244 | Uvalde | 233 | | |
| Sterling ¹ | 244 | Gonzales | 233 | | |
| Walker | 244 | Crosby | 233 | | |
| Terrell ¹ | 244 | Parmer | 233 | | |
| Nueces | 243 | Crockett | 233 | | |

Numeracy

Average scale score:

National
249

Texas
238
↓ (below national average)

Texas proficiency level results:

At or below Level 1
(Below 226)
39%

Level 2
(226-275)
31%

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:

| | | | | | |
|----------------------|-----|---------------------|-----|---------------------|-----|
| Borden ¹ | 275 | Montgomery | 256 | Hardin | 249 |
| Collin | 274 | Oldham | 254 | Mills | 249 |
| Roberts ¹ | 268 | Llano | 254 | Coryell | 249 |
| Rockwall | 268 | Shackelford | 254 | Cooke | 249 |
| Carson | 268 | Blanco | 253 | Burnet | 248 |
| Denton | 267 | Lampasas | 253 | Tarrant | 248 |
| Kendall | 267 | Baylor | 251 | Franklin | 248 |
| Armstrong | 266 | Jeff Davis | 251 | Bandera | 248 |
| Williamson | 266 | Motley ¹ | 250 | Irion | 247 |
| Randall | 263 | Brazoria | 250 | Clay | 247 |
| Fort Bend | 261 | Gillespie | 250 | Bell | 247 |
| Parker | 261 | Hays | 250 | Brazos | 247 |
| Archer | 260 | Grayson | 249 | Kerr | 247 |
| Comal | 260 | Chambers | 249 | Wood | 247 |
| Travis | 258 | Galveston | 249 | Loving ¹ | 247 |
| Hood | 257 | Donley | 249 | Taylor | 247 |

¹ Interpret data with caution due to potentially unstable predictor variables in small counties.

Counties sorted by average numeracy scale score (continued):

| | | | | | |
|------------------------|-----|------------------------|-----|-----------------------|-----|
| Ellis | 247 | Fayette | 239 | McCulloch | 233 |
| Orange | 247 | Briscoe | 239 | McMullen ¹ | 232 |
| Kent ¹ | 246 | Bowie | 239 | Jasper | 232 |
| Throckmorton | 246 | McLennan | 239 | Cass | 232 |
| Somervell | 246 | Gregg | 239 | Newton | 232 |
| Johnson | 246 | Rains | 239 | Scurry | 232 |
| Erath | 246 | Brown | 239 | Sutton | 232 |
| Upshur | 245 | Hemphill | 239 | Bexar | 232 |
| Washington | 245 | Real | 239 | Wilbarger | 232 |
| Wise | 245 | Wilson | 238 | Freestone | 232 |
| Smith | 245 | Harrison | 238 | Jack | 231 |
| Fannin | 245 | Palo Pinto | 237 | Harris | 231 |
| Guadalupe | 245 | Bastrop | 237 | San Saba | 231 |
| King ¹ | 245 | Hopkins | 237 | Stephens | 231 |
| Kaufman | 244 | Coleman | 237 | Hockley | 231 |
| Van Zandt | 244 | Tyler | 236 | Runnels | 231 |
| Hamilton | 244 | Hill | 236 | Marion | 231 |
| Callahan | 244 | Childress | 236 | Cherokee | 231 |
| Coke | 244 | Gray | 236 | Camp | 230 |
| Panola | 244 | Morris | 236 | Navarro | 230 |
| Montague | 244 | Hartley | 236 | Nolan | 230 |
| Hutchinson | 243 | Rusk | 236 | Collingsworth | 230 |
| Midland | 243 | Sherman | 236 | Anderson | 230 |
| Delta | 243 | Sabine | 236 | Calhoun | 229 |
| Austin | 242 | Nacogdoches | 236 | Live Oak | 229 |
| Goliad | 242 | Martin | 235 | Dallas | 229 |
| Lipscomb | 242 | Knox | 235 | Menard | 229 |
| Brewster | 242 | Dickens | 235 | Hansford | 229 |
| Mason | 242 | Red River | 235 | Howard | 229 |
| Lamar | 242 | Schleicher | 235 | San Augustine | 229 |
| Bosque | 242 | Leon | 235 | Grimes | 229 |
| Wichita | 242 | Trinity | 235 | Burleson | 229 |
| Lubbock | 241 | Kimble | 235 | Polk | 228 |
| Glasscock ¹ | 241 | Wheeler | 234 | Jefferson | 228 |
| Foard ¹ | 240 | Comanche | 234 | Edwards | 228 |
| Aransas | 240 | Stonewall ¹ | 234 | Limestone | 228 |
| Tom Green | 240 | Robertson | 234 | Terrell ¹ | 227 |
| Hunt | 240 | Colorado | 233 | Liberty | 227 |
| Henderson | 240 | Victoria | 233 | Houston | 227 |
| Young | 240 | Angelina | 233 | Lynn | 227 |
| Eastland | 240 | Milam | 233 | San Jacinto | 227 |
| Jackson | 240 | Hardeman | 233 | Ochiltree | 227 |
| Fisher | 239 | Medina | 233 | Nueces | 226 |
| Lavaca | 239 | Lee | 233 | DeWitt | 225 |

Counties sorted by average numeracy scale score (continued):

| | | | |
|-----------------------|-----|---------------------|-----|
| Shelby | 225 | Crosby | 215 |
| Wharton | 225 | Reagan | 214 |
| Madison | 225 | Crockett | 214 |
| Sterling ¹ | 225 | Bailey | 213 |
| Walker | 224 | Cochran | 212 |
| Waller | 224 | Kinney | 211 |
| Ward | 224 | Garza | 211 |
| Ector | 224 | Bee | 209 |
| Mitchell | 224 | Pecos | 207 |
| Crane | 224 | Val Verde | 207 |
| Titus | 224 | Reeves | 206 |
| Floyd | 224 | Jim Wells | 204 |
| San Patricio | 224 | La Salle | 203 |
| Potter | 223 | Jim Hogg | 197 |
| Upton | 223 | Frio | 196 |
| Matagorda | 222 | Cameron | 196 |
| Haskell | 222 | Hidalgo | 194 |
| Hall | 222 | Webb | 194 |
| Andrews | 222 | Maverick | 193 |
| Refugio | 222 | Presidio | 193 |
| Moore | 222 | Duval | 192 |
| Kleberg | 222 | Dimmit | 192 |
| Swisher | 222 | Brooks | 188 |
| Jones | 221 | Culberson | 187 |
| Concho | 220 | Zavala | 185 |
| Cottle ¹ | 219 | Willacy | 183 |
| Gaines | 219 | Zapata | 181 |
| Lamb | 219 | Hudspeth | 176 |
| Yoakum | 219 | Starr | 173 |
| Caldwell | 218 | Kenedy ¹ | 172 |
| Falls | 218 | | |
| Winkler | 218 | | |
| Uvalde | 217 | | |
| Dallam | 217 | | |
| Castro | 217 | | |
| Terry | 217 | | |
| Parmer | 217 | | |
| Deaf Smith | 216 | | |
| Gonzales | 216 | | |
| El Paso | 216 | | |
| Karnes | 216 | | |
| Hale | 215 | | |
| Atascosa | 215 | | |
| Dawson | 215 | | |