**Supplementary**

Results of calculations of economic security indicators for ten regions with weak economies of the Russian Federation

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
| Quality of Economic Growth Indicator, QEGI |
| Adygea | 0,092 | 0,096 | 0,086 | 0,110 | 0,084 | 0,069 |
| Altai Territory | 0,112 | 0,085 | 0,117 | 0,074 | 0,131 | 0,123 |
| Kalmykia | 0,062 | 0,090 | 0,146 | 0,070 | 0,159 | 0,129 |
| Karelia | 0,095 | 0,117 | 0,131 | 0,076 | 0,126 | 0,144 |
| Kurgan Region | 0,115 | 0,095 | 0,106 | 0,069 | 0,119 | 0,116 |
| Mari El | 0,076 | 0,125 | 0,106 | 0,060 | 0,125 | 0,126 |
| Pskov Region | 0,096 | 0,105 | 0,254 | 0,043 | 0,116 | 0,146 |
| Tyva | 0,151 | 0,102 | 0,101 | 0,067 | 0,102 | 0,109 |
| Chuvashia | 0,102 | 0,107 | 0,114 | 0,084 | 0,113 | 0,099 |
| Altai | 0,092 | 0,092 | 0,107 | 0,137 | 0,103 | 0,072 |
| Quality of Entrepreneurial Activity Indicator, QEAI |
| Adygea | 1,719 | 0,731 | 1,718 | 0,558 | 1,121 | 1,014 |
| Altai Territory | 3,719 | 1,072 | 0,263 | 2,313 | 0,788 | 1,551 |
| Kalmykia | 1,604 | 1,800 | 0,824 | 1,325 | 0,994 | 1,486 |
| Karelia | 2,821 | 1,354 | 0,636 | 1,279 | 0,839 | 2,205 |
| Kurgan Region | 2,646 | 1,603 | 0,347 | 0,927 | 0,897 | 1,103 |
| Mari El | 1,883 | 1,946 | 0,221 | 2,581 | 1,667 | 0,881 |
| Pskov Region | 3,496 | 0,762 | 0,386 | 1,252 | 2,249 | 0,751 |
| Tyva | 1,112 | 0,263 | 1,957 | 1,469 | 0,721 | 0,941 |
| Chuvashia | 2,173 | 1,839 | 0,395 | 1,227 | 2,488 | 1,298 |
| Altai | 3,697 | 1,093 | 0,145 | 4,590 | 0,241 | 0,577 |
| Economic Diversification Indicator, EDI |
| Adygea | 1,462 | 2,003 | 1,404 | 1,520 | 1,438 | 1,438 |
| Altai Territory | 1,404 | 1,403 | 1,423 | 1,371 | 1,426 | 1,426 |
| Kalmykia | 1,406 | 1,533 | 1,458 | 1,390 | 1,510 | 1,510 |
| Karelia | 1,311 | 1,472 | 1,408 | 1,399 | 1,444 | 1,444 |
| Kurgan Region | 1,458 | 1,427 | 1,397 | 1,391 | 1,461 | 1,461 |
| Mari El | 1,459 | 1,403 | 1,372 | 1,474 | 1,422 | 1,422 |
| Pskov Region | 1,381 | 1,425 | 1,401 | 1,321 | 1,440 | 1,440 |
| Tyva | 1,485 | 1,439 | 1,433 | 1,400 | 1,397 | 1,397 |
| Chuvashia | 1,395 | 1,399 | 1,386 | 1,315 | 1,414 | 1,414 |
| Altai | 1,406 | 1,612 | 1,435 | 1,408 | 1,402 | 1,402 |
| Population Well-being Indicator, PWI |
| Adygea | 0,485 | 0,985 | 1,066 | 1,012 | 1,151 | 1,380 |
| Altai Territory | 0,448 | 0,744 | 0,879 | 0,843 | 0,982 | 1,051 |
| Kalmykia | 0,148 | 0,481 | 0,617 | 0,453 | 0,670 | 0,659 |
| Karelia | 0,554 | 0,931 | 1,383 | 1,118 | 1,346 | 1,395 |
| Kurgan Region | 0,346 | 0,651 | 0,812 | 0,782 | 0,784 | 0,940 |
| Mari El | 0,250 | 0,681 | 0,802 | 0,742 | 0,808 | 0,800 |
| Pskov Region | 0,449 | 0,799 | 0,943 | 0,945 | 1,019 | 1,103 |
| Tyva | 0,131 | 0,320 | 0,841 | 0,600 | 1,026 | 0,931 |
| Chuvashia | 0,217 | 0,476 | 0,647 | 0,595 | 0,775 | 0,837 |
| Altai | 0,245 | 0,590 | 0,915 | 0,899 | 0,989 | 0,913 |

*Notations: if the value of each indicator individually is below one, the region is significantly influenced by crisis situations.*

*The color rule is as follows:*

*– Minimum: The leftmost side of the scale represents the minimum value and is colored red.*

*– Midpoint: The center of the scale uses a percentile type to represent the midpoint, which is set at 50th percentile and is colored yellow.*

*– Maximum: The rightmost side indicates the maximum value and is colored green.*

*Values will be shaded according to where they fall within this range, providing a visual gradient from red through yellow to green, indicating increasing value magnitude.*