# D Additional Results: US County Data, Quarterly US Data, & Europe Data

Figure 20: Severity Indexes during the GFC (upper) and COVID-19 (lower). **Green**: no contraction; **Yellow**: first quartile; **Orange**: second quartile; **Reddish orange**: third quartile; **Red**: fourth quartile. See Tables 10 and 11 for quartile values.

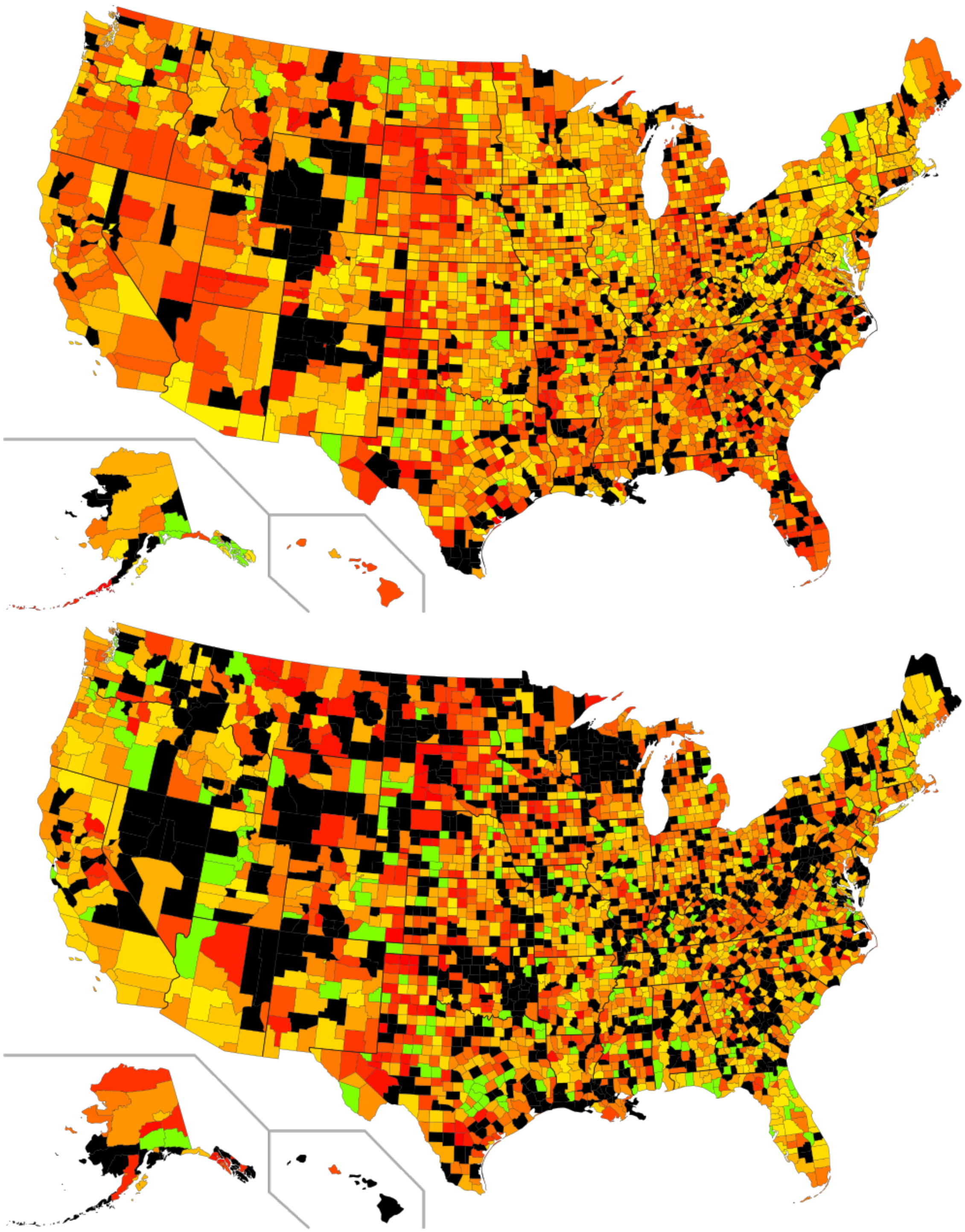

Table 10: Summary Statistics for U.S. Counties during the GFC

| | N | Average | St. Dev. | Min. | Q1 | Median | Q3 | Max. |
|---|---|---|---|---|---|---|---|---|
| **Peak** | 3,043 | 2005.42 | 1.882 | 2001 | 2005 | 2006 | 2007 | 2010 |
| **Trough** | 3,043 | 2009.62 | 3.705 | 2006 | 2007 | 2009 | 2010 | 2023 |
| **Recovery** | 2,560 | 2011.76 | 4.197 | 2007 | 2008 | 2011 | 2014 | 2023 |
| **Dips** | 3,043 | 2.2 | 1.6 | 0 | 1 | 2 | 3 | 8 |
| **Duration (Years)** | 2,560 | 6.2 | 4.5 | 2 | 2 | 5 | 9 | 22 |
| **Maximum Decline** | 3,043 | 13.05% | 12.43% | 0.01% | 4.21% | 9.78% | 17.72% | 91.31% |
| **Severity Index** | 3,043 | 21.2 | 16.9 | 1.2 | 7.7 | 17.0 | 30.3 | 108.3 |
| **Static Output Loss** | 3,043 | 8.27% | 8.13% | 0.02% | 3.10% | 5.99% | 10.46% | 80.31% |
| **Dynamic Output Loss** | 2,912 | 22.89% | 21.25% | -48.58% | 7.31% | 15.97% | 31.00% | 100.00% |
| **Total Tortuosity** | 3,043 | 3556 | 10316 | 0 | 455 | 1003 | 2629 | 215270 |
| **Tort. of Contraction** | 3,043 | 768 | 2234 | 0 | 0 | 157 | 609 | 51435 |
| **Tort. of Expansion** | 3,022 | 2641 | 9373 | 0 | 54 | 369 | 1242 | 142054 |
| **Pre-Crisis Growth Rate** | 2,912 | 6.37% | 6.61% | 0.03% | 2.70% | 4.23% | 7.50% | 78.48% |
| **Rate of Contraction** | 3,043 | 4.53% | 5.43% | 0.01% | 1.69% | 3.03% | 5.33% | 88.48% |
| **Rate of Recovery** | 3,021 | 6.55% | 8.19% | 0.01% | 2.27% | 4.04% | 7.55% | 133.46% |
| **Growth Rate Ratio** | 2,894 | 1.41 | 2.27 | 0.00 | 0.54 | 0.96 | 1.61 | 56.92 |

Table 11: Summary Statistics for U.S. Counties during COVID-19

| | N | Average | St. Dev. | Min. | Q1 | Median | Q3 | Max. |
|---|---|---|---|---|---|---|---|---|
| **Peak** | 2,881 | 2018.65 | 1.293 | 2012 | 2018 | 2019 | 2019 | 2022 |
| **Trough** | 2,881 | 2020.53 | 1.137 | 2018 | 2020 | 2020 | 2021 | 2023 |
| **Recovery** | 1,960 | 2021.55 | 0.916 | 2020 | 2021 | 2021 | 2022 | 2023 |
| **Dips** | 2,881 | 1.2 | 0.5 | 1 | 1 | 1 | 1 | 3 |
| **Duration (Years)** | 1,960 | 2.9 | 1.1 | 2 | 2 | 3 | 4 | 10 |
| **Maximum Decline** | 2,881 | 7.96% | 8.51% | 0.00% | 2.63% | 5.45% | 9.90% | 77.36% |
| **Severity Index** | 2,881 | 11.3 | 9.5 | 1.2 | 5.0 | 8.8 | 14.3 | 85.4 |
| **Static Output Loss** | 2,881 | 5.12% | 5.29% | 0.06% | 2.07% | 3.52% | 6.18% | 61.04% |
| **Dynamic Output Loss** | 2,881 | 11.43% | 12.36% | -3.75% | 3.89% | 7.56% | 14.30% | 95.92% |
| **Total Tortuosity** | 2,881 | 2390 | 4596 | 0 | 429 | 956 | 2284 | 64445 |
| **Tort. of Contraction** | 2,881 | 339 | 1169 | 0 | 0 | 0 | 170 | 21944 |
| **Tort. of Expansion** | 2,644 | 966 | 3426 | 0 | 0 | 115 | 548 | 52864 |
| **Pre-Crisis Growth Rate** | 2,881 | 5.19% | 5.66% | 0.02% | 2.14% | 3.50% | 6.07% | 54.58% |
| **Rate of Contraction** | 2,881 | 4.70% | 4.54% | 0.00% | 1.85% | 3.48% | 5.97% | 51.55% |
| **Rate of Recovery** | 2,644 | 5.97% | 6.63% | 0.00% | 2.47% | 3.94% | 6.75% | 60.93% |
| **Growth Rate Ratio** | 2,644 | 2.23 | 7.38 | 0.00 | 0.64 | 1.18 | 2.13 | 188.82 |

Table 12: Quarterly national and regional results for the United States, and summary statistics for individual states, during the GFC (upper) and COVID-19 (lower) (United States Department of Commerce: Bureau of Economic Analysis, 2025d,c)

| | **P** | **T** | **R** | **Dips** | **Years** | **MD** | **SI** | **SOL** | **DOL** | **TT** | **TC** | **TE** | **PCG** | **RC** | **RR** | **GRR** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U.S.** | 2007.75 | 2009.25 | 2013.50 | 4 | 5.75 | 5.13% | 10.9 | 2.45% | 6.08% | 454 | 566 | 134 | 1.42% | 3.51% | 1.69% | 1.19 |
| **N.E.** | 2008.00 | 2008.75 | 2014.75 | 4 | 6.75 | 5.21% | 12.0 | 2.54% | 10.45% | 924 | 1152 | 546 | 2.60% | 7.13% | 1.11% | 0.43 |
| **M.E.** | 2008.25 | 2009.00 | 2009.75 | 1 | 1.5 | 3.01% | 4.5 | 1.53% | 2.20% | 1352 | 626 | 167 | 1.27% | 4.08% | 4.00% | 3.16 |
| **G.L.** | 2007.50 | 2009.25 | 2013.00 | 3 | 5.5 | 7.95% | 13.5 | 3.17% | 6.13% | 1101 | 1095 | 439 | 1.16% | 4.73% | 2.27% | 1.96 |
| **Pl.** | 2008.25 | 2009.25 | 2011.75 | 1 | 3.5 | 4.95% | 8.4 | 2.62% | 6.52% | 803 | 333 | 286 | 2.49% | 5.07% | 2.35% | 0.94 |
| **SE** | 2007.75 | 2009.25 | 2016.50 | 6 | 8.75 | 6.48% | 15.2 | 3.67% | 6.55% | 488 | 695 | 195 | 0.74% | 4.46% | 1.23% | 1.68 |
| **SW** | 2007.25 | 2009.50 | 2012.25 | 2 | 5 | 5.64% | 10.6 | 3.01% | 11.99% | 560 | 478 | 310 | 3.91% | 2.58% | 2.50% | 0.64 |
| **R.M.** | 2007.75 | 2009.75 | 2014.75 | 4 | 7 | 6.60% | 13.6 | 4.20% | 11.19% | 565 | 498 | 291 | 2.21% | 3.41% | 1.43% | 0.65 |
| **F.W.** | 2007.75 | 2009.50 | 2013.75 | 3 | 6 | 7.04% | 13.0 | 4.29% | 11.13% | 948 | 1396 | 271 | 2.68% | 4.17% | 2.06% | 0.77 |
| ***N*** | *50* | *50* | *46* | *46* | *46* | *50* | *46* | *46* | *46* | *46* | *50* | *46* | *50* | *50* | *46* | *46* |
| ***Avg.*** | *2007.87* | *2010.68* | *2014.24* | *3.6* | *6.4* | *8.34%* | *13.7* | *3.82%* | *13.29%* | *1360* | *1154* | *825* | *4.56%* | *4.77%* | *2.57%* | *1.38* |
| ***St.D.*** | *0.58* | *3.34* | *3.35* | *2.2* | *3.5* | *4.72%* | *6.3* | *1.70%* | *7.01%* | *839* | *888* | *884* | *4.28%* | *2.52%* | *1.36%* | *2.36* |
| ***Min.*** | *2006.50* | *2008.75* | *2009.50* | *1* | *1.75* | *2.88%* | *4.9* | *1.44%* | *2.29%* | *392* | *151* | *71* | *0.32%* | *0.81%* | *0.74%* | *0.18* |
| ***Med.*** | *2007.88* | *2009.38* | *2013.50* | *3* | *5.75* | *6.86%* | *12.6* | *3.64%* | *12.70%* | *1034* | *930.5* | *521.5* | *3.42%* | *4.09%* | *2.34%* | *0.76* |
| ***Max.*** | *2009.00* | *2020.25* | *2023.00* | *9* | *16.25* | *24.82%* | *38.3* | *10.97%* | *35.38%* | *4513* | *4564* | *5213* | *21.23%* | *11.89%* | *6.50%* | *14.05* |

| | **P** | **T** | **R** | **Dips** | **Years** | **MD** | **SI** | **SOL** | **DOL** | **TT** | **TC** | **TE** | **PCG** | **RC** | **RR** | **GRR** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U.S.** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 9.27% | 10.5 | 2.89% | 4.01% | 18005 | 7728 | 4206 | 1.91% | 19.47% | 9.20% | 4.81 |
| **N.E.** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 9.05% | 10.6 | 2.90% | 3.56% | 16242 | 10360 | 4744 | 2.16% | 18.98% | 8.83% | 4.09 |
| **M.E.** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 9.58% | 11.1 | 2.81% | 3.84% | 16359 | 10828 | 4234 | 1.72% | 20.13% | 9.22% | 5.37 |
| **G.L.** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 11.03% | 12.5 | 3.48% | 4.71% | 20024 | 8003 | 6746 | 2.31% | 23.38% | 9.53% | 4.13 |
| **Pl.** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 8.37% | 9.6 | 2.66% | 4.14% | 14627 | 5503 | 2098 | 2.75% | 17.48% | 3.57% | 1.30 |
| **SE** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 9.13% | 10.4 | 2.93% | 3.71% | 18596 | 7696 | 2534 | 1.77% | 19.15% | 4.47% | 2.52 |
| **SW** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 8.46% | 10.0 | 2.92% | 4.22% | 11475 | 4379 | 2994 | 2.71% | 17.67% | 7.97% | 2.94 |
| **R.M.** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 7.45% | 8.7 | 2.59% | 3.69% | 13380 | 6045 | 1825 | 3.02% | 15.47% | 4.22% | 1.39 |
| **F.W.** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 9.27% | 10.5 | 3.32% | 4.35% | 19253 | 8010 | 3997 | 3.02% | 19.45% | 10.60% | 3.50 |
| ***N*** | *51* | *51* | *51* | *51* | *51* | *51* | *51* | *51* | *51* | *51* | *51* | *50* | *51* | *51* | *50* | *50* |
| ***Avg.*** | *2019.70* | *2020.25* | *2021.38* | *1.2* | *1.7* | *9.30%* | *11.0* | *3.27%* | *5.13%* | *17614* | *6996* | *4469* | *2.86%* | *20.31%* | *7.61%* | *2.89* |
| ***St.D.*** | *0.28* | *0.00* | *0.77* | *0.5* | *0.9* | *2.36%* | *2.8* | *0.89%* | *2.15%* | *10258* | *5668* | *2341* | *1.03%* | *8.87%* | *3.22%* | *1.32* |
| ***Min.*** | *2018.00* | *2020.25* | *2020.50* | *1* | *0.75* | *4.55%* | *5.3* | *2.08%* | *2.56%* | *4661* | *0* | *1470* | *1.35%* | *3.31%* | *3.06%* | *0.68* |
| ***Med.*** | *2019.75* | *2020.25* | *2021.25* | *1* | *1.5* | *8.94%* | *10.3* | *3.08%* | *4.69%* | *15706* | *6641* | *3769* | *2.67%* | *18.44%* | *6.76%* | *2.65* |
| ***Max.*** | *2020.00* | *2020.25* | *2023.50* | *3* | *4* | *16.93%* | *19.0* | *6.20%* | *13.32%* | *56609* | *29935* | *11360* | *5.72%* | *46.90%* | *16.04%* | *5.70* |

Table 13: Quarterly results for New England and the Mideast and the Great Lakes and Plains, grouped by BEA region, during the GFC (United States Department of Commerce: Bureau of Economic Analysis, 2025b,c)

| | **P** | **T** | **R** | **Dips** | **Years** | **MD** | **SI** | **SOL** | **DOL** | **TT** | **TC** | **TE** | **PCG** | **RC** | **RR** | **GRR** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CT** | 2008.00 | 2020.25 | * | 12* | 16.5* | 16.09% | 32.59* | 8.56%* | 86.48%* | 2226* | 2136 | 2666* | 18.70% | 1.43% | 3.01%* | 0.16* |
| **ME** | 2008.25 | 2009.00 | 2010.50 | 1 | 2.25 | 4.07% | 6.3 | 2.00% | 2.29% | 970 | 429 | 126 | 0.32% | 5.54% | 2.85% | 8.94 |
| **MA** | 2008.25 | 2009.25 | 2010.50 | 1 | 2.25 | 4.05% | 6.3 | 2.89% | 4.99% | 1213 | 648 | 103 | 2.54% | 4.14% | 4.41% | 1.73 |
| **NH** | 2007.25 | 2008.75 | 2010.25 | 1 | 3 | 5.08% | 8.1 | 2.62% | 15.44% | 1578 | 813 | 1133 | 9.31% | 3.48% | 3.22% | 0.35 |
| **RI** | 2006.50 | 2009.00 | 2019.50 | 8 | 13 | 7.46% | 20.5 | 2.68% | 28.93% | 701 | 202 | 800 | 4.61% | 3.10% | 0.82% | 0.18 |
| **VT** | 2008.25 | 2009.25 | 2010.25 | 1 | 2 | 3.60% | 5.6 | 2.18% | 4.99% | 1163 | 335 | 134 | 3.57% | 3.67% | 5.11% | 1.43 |
| **DE** | 2007.25 | 2008.75 | 2014.50 | 5 | 7.25 | 8.70% | 16.0 | 4.66% | 19.15% | 2790 | 1001 | 2918 | 4.48% | 6.07% | 1.87% | 0.42 |
| **DC** | 2008.00 | 2013.50 | 2018.25 | 9 | 10.25 | 4.36% | 14.6 | 2.17% | 23.67% | 392 | 385 | 356 | 4.66% | 0.81% | 1.10% | 0.24 |
| **MD** | 2008.25 | 2009.00 | 2010.00 | 1 | 1.75 | 3.16% | 4.9 | 1.80% | 3.64% | 873 | 200 | 81 | 2.36% | 4.29% | 3.42% | 1.45 |
| **NJ** | 2008.25 | 2011.00 | 2019.50 | 7 | 11.25 | 7.75% | 19.0 | 4.56% | 22.72% | 690 | 1107 | 430 | 3.69% | 2.94% | 1.05% | 0.28 |
| **NY** | 2007.00 | 2008.75 | 2009.50 | 4 | 2.5 | 5.97% | 8.5 | 3.28% | 12.08% | 2675 | 933 | 1512 | 7.54% | 3.52% | 6.35% | 0.84 |
| **PA** | 2008.25 | 2009.50 | 2011.75 | 2 | 3.5 | 5.72% | 9.2 | 2.61% | 8.09% | 1150 | 407 | 353 | 3.29% | 4.71% | 1.73% | 0.53 |
| **IL** | 2007.75 | 2009.00 | 2012.00 | 2 | 4.25 | 5.64% | 9.9 | 3.41% | 5.92% | 1023 | 972 | 439 | 1.42% | 4.64% | 2.21% | 1.55 |
| **IN** | 2007.75 | 2009.25 | 2014.25 | 3 | 6.5 | 10.91% | 17.4 | 4.56% | 10.30% | 2212 | 2104 | 1374 | 2.11% | 7.70% | 2.63% | 1.24 |
| **MI** | 2007.50 | 2009.00 | 2015.00 | 3 | 7.5 | 14.65% | 22.1 | 5.44% | 11.04% | 2116 | 1794 | 795 | 1.65% | 10.56% | 2.51% | 1.52 |
| **OH** | 2008.25 | 2009.25 | 2013.00 | 2 | 4.75 | 7.49% | 12.2 | 3.83% | 5.83% | 1390 | 1379 | 422 | 0.97% | 7.79% | 2.09% | 2.16 |
| **WI** | 2007.50 | 2009.00 | 2011.75 | 2 | 4.25 | 6.70% | 11.0 | 2.63% | 3.63% | 997 | 803 | 277 | 0.51% | 4.63% | 2.51% | 4.91 |
| **IA** | 2007.25 | 2009.00 | 2011.75 | 2 | 4.5 | 6.91% | 11.4 | 3.05% | 16.57% | 1309 | 844 | 753 | 6.64% | 4.09% | 3.11% | 0.47 |
| **KS** | 2008.25 | 2010.00 | 2012.00 | 2 | 3.75 | 7.51% | 11.3 | 4.64% | 11.63% | 2283 | 1477 | 1572 | 4.19% | 4.46% | 4.24% | 1.01 |
| **MN** | 2008.50 | 2009.25 | 2012.50 | 1 | 4 | 6.31% | 10.3 | 2.76% | 6.73% | 1692 | 1252 | 794 | 2.09% | 8.69% | 2.03% | 0.97 |
| **MO** | 2008.25 | 2009.25 | 2015.50 | 5 | 7.25 | 4.89% | 12.1 | 2.61% | 17.14% | 810 | 2151 | 413 | 4.34% | 5.01% | 0.80% | 0.18 |
| **NE** | 2008.25 | 2008.75 | 2010.25 | 1 | 2 | 5.77% | 7.8 | 2.59% | 5.04% | 3391 | 1373 | 2127 | 2.66% | 11.89% | 4.78% | 1.80 |
| **ND** | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| **SD** | 2008.00 | 2008.75 | 2010.75 | 2 | 2.75 | 5.79% | 8.5 | 1.99% | 18.07% | 2518 | 437 | 2148 | 12.76% | 7.96% | 4.16% | 0.33 |

Table 14: Quarterly results for the Southeast, the Southwest, Rocky Mountains, and Far West, grouped by BEA region, during the GFC (United States Department of Commerce: Bureau of Economic Analysis, 2025b,c)

| | **P** | **T** | **R** | **Dips** | **Years** | **MD** | **SI** | **SOL** | **DOL** | **TT** | **TC** | **TE** | **PCG** | **RC** | **RR** | **GRR** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AL** | 2007.50 | 2009.25 | 2017.00 | 6 | 9.5 | 6.11% | 15.6 | 2.94% | 11.96% | 685 | 900 | 480 | 2.06% | 3.60% | 0.95% | 0.46 |
| **AR** | 2007.75 | 2009.25 | 2017.75 | 7 | 10 | 10.38% | 20.4 | 4.17% | 35.38% | 1469 | 4564 | 493 | 7.44% | 7.30% | 1.32% | 0.18 |
| **FL** | 2007.50 | 2011.50 | 2019.25 | 4 | 11.75 | 12.07% | 23.8 | 7.42% | 13.50% | 669 | 953 | 212 | 1.15% | 3.21% | 1.76% | 1.54 |
| **GA** | 2006.75 | 2009.50 | 2016.00 | 3 | 9.25 | 10.06% | 19.3 | 6.32% | 14.48% | 704 | 840 | 258 | 2.07% | 3.86% | 1.96% | 0.94 |
| **KY** | 2008.25 | 2009.25 | 2013.00 | 3 | 4.75 | 8.01% | 12.8 | 3.91% | 7.73% | 1991 | 210 | 1557 | 1.92% | 8.35% | 2.52% | 1.31 |
| **LA** | 2006.50 | 2020.25 | * | 8* | 18* | 20.04% | 38.04* | 7.87%* | 44.66%* | 2488* | 2260 | 3043* | 5.25% | 1.63% | 4.85%* | 0.92* |
| **MS** | 2008.25 | 2009.50 | 2019.75 | 7 | 11.5 | 6.04% | 17.5 | 3.97% | 21.41% | 793 | 426 | 759 | 3.49% | 4.99% | 0.74% | 0.21 |
| **NC** | 2008.25 | 2009.00 | 2017.75 | 7 | 9.5 | 8.34% | 17.8 | 4.61% | 22.86% | 1042 | 1029 | 527 | 4.39% | 11.61% | 1.04% | 0.24 |
| **SC** | 2007.75 | 2009.25 | 2015.50 | 4 | 7.75 | 9.24% | 17.0 | 5.06% | 12.11% | 1026 | 997 | 447 | 2.05% | 6.46% | 1.65% | 0.80 |
| **TN** | 2007.75 | 2009.50 | 2013.00 | 1 | 5.25 | 6.79% | 12.0 | 3.59% | 11.09% | 884 | 909 | 273 | 3.27% | 4.02% | 2.36% | 0.72 |
| **VA** | 2008.25 | 2009.00 | 2010.50 | 1 | 2.25 | 2.88% | 5.1 | 1.44% | 4.50% | 563 | 377 | 71 | 2.92% | 3.89% | 2.14% | 0.73 |
| **WV** | 2008.75 | 2009.50 | 2010.50 | 1 | 1.75 | 4.13% | 5.9 | 2.53% | 7.07% | 1968 | 473 | 1129 | 5.49% | 5.62% | 4.36% | 0.79 |
| **AZ** | 2007.50 | 2009.50 | 2019.25 | 5 | 11.75 | 13.93% | 25.7 | 7.53% | 12.29% | 889 | 1035 | 354 | 0.97% | 7.50% | 1.77% | 1.84 |
| **NM** | 2008.75 | 2012.75 | 2018.25 | 6 | 9.5 | 5.82% | 15.3 | 3.16% | 22.50% | 844 | 1260 | 516 | 4.58% | 1.50% | 1.73% | 0.38 |
| **OK** | 2008.75 | 2010.00 | 2011.75 | 3 | 3 | 7.34% | 10.3 | 4.80% | 14.22% | 2560 | 1160 | 1288 | 6.93% | 6.10% | 4.06% | 0.59 |
| **TX** | 2007.25 | 2009.50 | 2012.00 | 2 | 4.75 | 5.08% | 9.8 | 2.95% | 13.46% | 601 | 546 | 443 | 4.87% | 2.32% | 2.77% | 0.57 |
| **CO** | 2007.75 | 2010.25 | 2014.50 | 5 | 6.75 | 6.67% | 13.4 | 4.55% | 9.47% | 682 | 538 | 410 | 1.67% | 2.76% | 1.90% | 1.14 |
| **ID** | 2008.25 | 2012.75 | 2017.75 | 5 | 9.5 | 9.05% | 18.6 | 4.83% | 17.49% | 959 | 914 | 732 | 3.03% | 2.11% | 2.40% | 0.79 |
| **MT** | 2007.75 | 2009.25 | 2011.75 | 2 | 4 | 5.75% | 9.7 | 2.82% | 7.71% | 982 | 151 | 725 | 2.78% | 3.94% | 2.54% | 0.91 |
| **UT** | 2007.25 | 2009.75 | 2015.75 | 3 | 8.5 | 8.33% | 16.8 | 4.32% | 19.96% | 661 | 792 | 553 | 4.09% | 3.48% | 2.33% | 0.57 |
| **WY** | 2008.75 | 2020.25 | * | 11* | 15.75* | 24.82% | 40.57* | 17.15%* | 82.18%* | 2947* | 3178 | 2879* | 16.23% | 2.48% | 2.75%* | 0.17* |
| **AK** | 2009.00 | 2020.25 | * | 12* | 15.5* | 17.98% | 33.48* | 10.07%* | 88.56%* | 2216* | 2135 | 2563* | 21.23% | 1.76% | 3.18%* | 0.15* |
| **CA** | 2007.75 | 2009.50 | 2013.50 | 3 | 5.75 | 6.90% | 12.7 | 3.82% | 15.95% | 1201 | 1990 | 564 | 4.69% | 4.09% | 2.38% | 0.51 |
| **HI** | 2007.75 | 2009.50 | 2016.50 | 5 | 8.75 | 6.88% | 15.6 | 3.70% | 17.05% | 554 | 690 | 281 | 3.34% | 4.07% | 1.25% | 0.37 |
| **NV** | 2006.75 | 2020.25 | 2023.00 | 7 | 16.25 | 22.06% | 38.3 | 10.97% | 14.17% | 4513 | 3768 | 5213 | 0.46% | 1.85% | 6.50% | 14.05 |
| **OR** | 2008.25 | 2009.75 | 2014.50 | 3 | 6.25 | 6.84% | 13.1 | 3.76% | 13.11% | 1138 | 928 | 949 | 3.28% | 4.72% | 2.02% | 0.62 |
| **WA** | 2007.75 | 2009.50 | 2013.50 | 6 | 5.75 | 6.78% | 12.5 | 3.79% | 14.07% | 1236 | 1492 | 673 | 4.07% | 4.01% | 2.82% | 0.69 |

Table 15: Quarterly results for New England and the Mideast and the Great Lakes and Plains, grouped by BEA region, during COVID-19 (United States Department of Commerce: Bureau of Economic Analysis, 2025b,c)

| | **P** | **T** | **R** | **Dips** | **Years** | **MD** | **SI** | **SOL** | **DOL** | **TT** | **TC** | **TE** | **PCG** | **RC** | **RR** | **GRR** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CT** | 2019.75 | 2020.25 | 2022.50 | 2 | 2.75 | 11.11% | 13.9 | 3.25% | 7.17% | 8867 | 3797 | 3781 | 3.04% | 23.55% | 5.01% | 1.65 |
| **ME** | 2019.75 | 2020.25 | 2020.75 | 1 | 1 | 7.03% | 8.0 | 2.47% | 3.20% | 18646 | 7694 | 4381 | 3.12% | 14.58% | 6.58% | 2.11 |
| **MA** | 2020.00 | 2020.25 | 2020.75 | 1 | 0.75 | 8.12% | 8.9 | 3.41% | 4.02% | 30189 | 0 | 3850 | 2.71% | 33.88% | 9.57% | 3.54 |
| **NH** | 2020.00 | 2020.25 | 2020.75 | 1 | 0.75 | 9.38% | 10.1 | 3.71% | 4.25% | 42148 | 0 | 8687 | 2.70% | 39.40% | 11.68% | 4.33 |
| **RI** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 10.98% | 12.5 | 3.57% | 5.36% | 21763 | 12053 | 8230 | 2.73% | 23.26% | 6.88% | 2.52 |
| **VT** | 2020.00 | 2020.25 | 2022.00 | 1 | 2 | 11.06% | 13.1 | 3.40% | 4.78% | 18536 | 0 | 3310 | 2.26% | 46.90% | 4.44% | 1.96 |
| **DE** | 2019.75 | 2020.25 | 2022.00 | 1 | 2.25 | 8.71% | 11.0 | 4.42% | 6.98% | 7952 | 1892 | 3129 | 3.58% | 18.22% | 5.16% | 1.44 |
| **DC** | 2020.00 | 2020.25 | 2020.75 | 1 | 0.75 | 4.55% | 5.3 | 2.08% | 2.61% | 10827 | 0 | N.A. | 3.33% | 18.62% | N.A. | N.A. |
| **MD** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 8.94% | 10.2 | 3.54% | 5.10% | 13996 | 2407 | 4669 | 2.67% | 18.72% | 12.60% | 4.71 |
| **NJ** | 2019.75 | 2020.25 | 2021.50 | 1 | 1.75 | 10.96% | 12.7 | 2.92% | 3.93% | 19442 | 17705 | 3804 | 1.88% | 23.21% | 4.94% | 2.62 |
| **NY** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 8.65% | 10.1 | 2.81% | 4.42% | 16161 | 12997 | 3757 | 3.71% | 18.08% | 10.48% | 2.82 |
| **PA** | 2019.75 | 2020.25 | 2021.75 | 1 | 2 | 11.69% | 13.7 | 3.51% | 5.69% | 15706 | 9917 | 6908 | 2.34% | 24.86% | 8.38% | 3.58 |
| **IL** | 2019.50 | 2020.25 | 2021.25 | 1 | 1.75 | 11.22% | 13.0 | 3.70% | 5.03% | 13451 | 7200 | 3436 | 1.59% | 15.87% | 8.29% | 5.20 |
| **IN** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 11.29% | 12.5 | 3.49% | 4.48% | 28432 | 10284 | 8714 | 2.26% | 23.96% | 11.14% | 4.94 |
| **MI** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 13.42% | 14.9 | 3.67% | 5.67% | 34400 | 17159 | 8105 | 3.40% | 28.82% | 6.17% | 1.81 |
| **OH** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 10.45% | 11.9 | 3.11% | 4.24% | 18926 | 7452 | 6620 | 2.35% | 22.07% | 9.53% | 4.06 |
| **WI** | 2019.75 | 2020.25 | 2021.75 | 1 | 2 | 9.13% | 11.1 | 2.69% | 3.80% | 9832 | 3374 | 3844 | 1.61% | 19.14% | 5.00% | 3.10 |
| **IA** | 2018.00 | 2020.25 | 2020.75 | 2 | 2.75 | 7.18% | 9.9 | 2.14% | 9.18% | 4950 | 1904 | 3254 | 5.57% | 3.31% | 13.31% | 2.39 |
| **KS** | 2020.00 | 2020.25 | 2021.75 | 2 | 1.75 | 8.27% | 10.0 | 2.69% | 4.74% | 12874 | 0 | 2854 | 2.67% | 34.54% | 3.06% | 1.15 |
| **MN** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 9.65% | 11.2 | 3.67% | 4.61% | 13915 | 5198 | 3194 | 2.29% | 20.30% | 6.13% | 2.68 |
| **MO** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 8.95% | 10.2 | 2.58% | 3.80% | 17621 | 6559 | 2870 | 2.28% | 18.75% | 4.49% | 1.97 |
| **NE** | 2019.75 | 2020.25 | 2020.75 | 1 | 1 | 8.55% | 9.6 | 3.38% | 4.69% | 18045 | 1375 | 4551 | 2.99% | 17.88% | 12.49% | 4.18 |
| **ND** | 2019.50 | 2020.25 | 2023.25 | 2 | 3.75 | 8.90% | 12.7 | 5.11% | 7.56% | 4661 | 6641 | 1821 | 1.93% | 12.43% | 3.99% | 2.06 |
| **SD** | 2019.75 | 2020.25 | 2020.50 | 1 | 0.75 | 6.42% | 7.2 | 2.58% | 4.15% | 20928 | 4368 | 5943 | 5.00% | 13.26% | 10.24% | 2.05 |

Table 16: Quarterly results for the Southeast, the Southwest, Rocky Mountains, and Far West, grouped by BEA region, during COVID-19 (United States Department of Commerce: Bureau of Economic Analysis, 2025b,c)

| | P | T | R | Dips | Years | MD | SI | SOL | DOL | TT | TC | TE | PCG | RC | RR | GRR |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **AL** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 8.24% | 9.5 | 2.41% | 2.65% | 19641 | 9420 | 3120 | 1.52% | 17.19% | 4.28% | 2.82 |
| **AR** | 2019.75 | 2020.25 | 2020.50 | 1 | 0.75 | 5.11% | 5.9 | 2.43% | 2.56% | 16892 | 2809 | 4735 | 2.44% | 10.50% | 8.12% | 3.32 |
| **FL** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 8.98% | 10.2 | 2.91% | 3.71% | 18520 | 7600 | 3235 | 1.94% | 18.81% | 6.05% | 3.13 |
| **GA** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 9.96% | 11.5 | 3.34% | 4.88% | 15283 | 6166 | 3346 | 2.54% | 20.97% | 6.20% | 2.44 |
| **KY** | 2019.75 | 2020.25 | 2021.75 | 1 | 2 | 10.60% | 12.6 | 2.65% | 3.78% | 16528 | 12317 | 3928 | 1.92% | 22.41% | 4.02% | 2.10 |
| **LA** | 2019.50 | 2020.25 | 2021.75 | 1 | 2.25 | 13.93% | 16.2 | 4.93% | 6.52% | 13554 | 9488 | 2823 | 1.87% | 20.00% | 10.57% | 5.65 |
| **MS** | 2019.75 | 2020.25 | 2020.50 | 1 | 0.75 | 8.74% | 9.5 | 2.95% | 4.81% | 39907 | 14194 | 10923 | 5.26% | 18.30% | 16.04% | 3.05 |
| **NC** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 8.14% | 9.4 | 2.35% | 2.81% | 16930 | 7903 | 4612 | 1.35% | 16.99% | 7.49% | 5.54 |
| **SC** | 2019.75 | 2020.25 | 2021.75 | 1 | 2 | 9.99% | 12.0 | 3.02% | 5.06% | 11026 | 1387 | 4161 | 2.38% | 21.04% | 5.37% | 2.26 |
| **TN** | 2020.00 | 2020.25 | 2020.75 | 1 | 0.75 | 11.00% | 11.8 | 4.33% | 4.75% | 56609 | 0 | 9045 | 2.29% | 46.62% | 12.48% | 5.44 |
| **VA** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 7.25% | 8.5 | 2.54% | 3.11% | 11754 | 4979 | 2502 | 1.89% | 15.06% | 7.81% | 4.13 |
| **WV** | 2019.50 | 2020.25 | 2022.50 | 3 | 3 | 9.02% | 12.0 | 2.56% | 5.28% | 7962 | 8440 | 3217 | 2.52% | 12.61% | 4.05% | 1.60 |
| **AZ** | 2019.75 | 2020.25 | 2020.50 | 1 | 0.75 | 6.25% | 7.0 | 2.45% | 3.42% | 18294 | 3620 | 1895 | 2.84% | 12.92% | 4.70% | 1.66 |
| **NM** | 2019.75 | 2020.25 | 2021.75 | 1 | 2 | 8.75% | 10.7 | 2.80% | 5.61% | 9610 | 10965 | 2418 | 3.31% | 18.31% | 6.64% | 2.00 |
| **OK** | 2019.50 | 2020.25 | 2023.50 | 2 | 4 | 10.01% | 14.0 | 4.36% | 8.46% | 5097 | 5857 | 2720 | 2.21% | 14.06% | 3.23% | 1.46 |
| **TX** | 2019.75 | 2020.25 | 2021.25 | 1 | 1.5 | 8.81% | 10.3 | 3.12% | 4.43% | 11993 | 4232 | 3068 | 2.74% | 18.44% | 8.08% | 2.95 |
| **CO** | 2019.50 | 2020.25 | 2021.00 | 1 | 1.5 | 8.26% | 9.8 | 2.36% | 6.16% | 13392 | 9442 | 2045 | 5.72% | 11.50% | 5.45% | 0.95 |
| **ID** | 2019.75 | 2020.25 | 2020.50 | 1 | 0.75 | 7.72% | 8.5 | 3.10% | 3.75% | 31793 | 7248 | 11360 | 2.94% | 16.06% | 14.33% | 4.87 |
| **MT** | 2019.50 | 2020.25 | 2020.75 | 1 | 1.25 | 7.66% | 8.9 | 2.47% | 3.15% | 14315 | 3410 | 7064 | 1.94% | 10.63% | 11.07% | 5.70 |
| **UT** | 2019.75 | 2020.25 | 2020.75 | 1 | 1 | 5.31% | 6.3 | 2.38% | 2.87% | 9456 | 1322 | 2097 | 2.89% | 10.91% | 8.00% | 2.77 |
| **WY** | 2019.50 | 2020.25 | 2023.25 | 3 | 3.75 | 10.38% | 14.1 | 4.85% | 13.32% | 6288 | 9624 | 2749 | 5.03% | 14.61% | 3.81% | 0.76 |
| **AK** | 2019.50 | 2020.25 | 2023.25 | 3 | 3.75 | 7.63% | 11.4 | 3.66% | 11.17% | 5282 | 8319 | 2563 | 4.70% | 10.58% | 3.18% | 0.68 |
| **CA** | 2019.75 | 2020.25 | 2020.75 | 1 | 1 | 9.07% | 10.1 | 3.05% | 4.88% | 23282 | 7640 | 3961 | 3.85% | 19.02% | 11.14% | 2.89 |
| **HI** | 2019.75 | 2020.25 | 2022.75 | 1 | 3 | 15.98% | 19.0 | 5.68% | 9.07% | 14237 | 18078 | 1470 | 2.51% | 34.82% | 5.06% | 2.01 |
| **NV** | 2019.75 | 2020.25 | 2021.50 | 1 | 1.75 | 16.93% | 18.7 | 6.20% | 7.85% | 37499 | 29935 | 5213 | 3.06% | 37.10% | 6.50% | 2.12 |
| **OR** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 8.49% | 9.7 | 3.08% | 4.28% | 15954 | 8527 | 3663 | 2.86% | 17.74% | 8.59% | 3.00 |
| **WA** | 2019.75 | 2020.25 | 2021.00 | 1 | 1.25 | 7.34% | 8.6 | 2.66% | 3.82% | 14973 | 3893 | 5829 | 3.40% | 15.24% | 8.54% | 2.51 |

Table 17: Results for Eurozone, other members of the European Union, the European Free Trade Area, and the United Kingdom during the GFC (International Monetary Fund, 2025)

| | **P** | **T** | **R** | **Dips** | **Years** | **MD** | **SI** | **SOL** | **DOL** | **TT** | **TC** | **TE** | **PCG** | **RC** | **RR** | **GRR** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***N*** | *31* | *31* | *30* | *30* | *30* | *31* | *30* | *30* | *30* | *30* | *31* | *30* | *31* | *31* | *30* | *30* |
| ***Avg.*** | *2007.52* | *2011.13* | *2015.83* | *1.7* | *8.3* | *9.15%* | *17.5* | *5.49%* | *17.18%* | *866* | *272* | *371* | *3.75%* | *4.17%* | *2.59%* | *0.80* |
| ***St.D.*** | *0.500* | *3.833* | *4.598* | *0.8* | *4.8* | *5.88%* | *9.7* | *3.69%* | *10.36%* | *910* | *416* | *846* | *1.93%* | *2.94%* | *1.33%* | *0.52* |
| ***Min.*** | *2007* | *2009* | *2010* | *1* | *2* | *2.14%* | *4.1* | *1.01%* | *3.34%* | *83* | *0* | *18* | *0.79%* | *0.47%* | *0.64%* | *0.19* |
| ***Med.*** | *2008* | *2009* | *2015* | *1.5* | *8* | *7.23%* | *15.1* | *4.30%* | *13.35%* | *629* | *99* | *105* | *3.16%* | *3.61%* | *2.53%* | *0.58* |
| ***Max.*** | *2008* | *2025* | *2030* | *4* | *23* | *27.28%* | *50.3* | *14.86%* | *41.85%* | *3748* | *1723* | *4288* | *8.16%* | *14.56%* | *5.40%* | *2.60* |
| **Austria** | 2008 | 2009 | 2011 | 1 | 3 | 3.82% | 6.8 | 2.11% | 5.05% | 387 | 0 | 50 | 2.10% | 3.89% | 1.43% | 0.68 |
| **Belgium** | 2007 | 2009 | 2015 | 2 | 8 | 3.01% | 11.0 | 1.37% | 9.30% | 86 | 69 | 33 | 2.17% | 1.53% | 0.89% | 0.41 |
| **Croatia** | 2008 | 2012 | 2017 | 2 | 9 | 9.33% | 18.3 | 7.74% | 24.89% | 565 | 344 | 202 | 4.83% | 2.45% | 3.13% | 0.65 |
| **Cyprus** | 2008 | 2014 | 2019 | 1 | 11 | 19.52% | 30.5 | 10.34% | 23.34% | 847 | 227 | 57 | 2.95% | 3.62% | 4.73% | 1.61 |
| **Estonia** | 2007 | 2009 | 2015 | 1 | 8 | 18.63% | 26.6 | 8.02% | 34.46% | 1829 | 971 | 164 | 8.16% | 10.31% | 3.66% | 0.45 |
| **Finland** | 2008 | 2009 | 2027 | 4 | 19 | 8.52% | 27.5 | 4.21% | 31.72% | 317 | 0 | 129 | 3.41% | 8.91% | 0.64% | 0.19 |
| **France** | 2007 | 2009 | 2014 | 2 | 7 | 3.54% | 10.5 | 1.01% | 7.18% | 116 | 108 | 31 | 1.82% | 1.80% | 0.95% | 0.52 |
| **Germany** | 2008 | 2009 | 2011 | 1 | 3 | 5.22% | 8.2 | 2.94% | 4.72% | 936 | 0 | 93 | 2.11% | 5.36% | 1.74% | 0.82 |
| **Greece** | 2007 | 2020 | 2030 | 2 | 23 | 27.28% | 50.3 | 14.78% | 41.85% | 758 | 691 | 320 | 3.16% | 2.45% | 3.25% | 1.03 |
| **Ireland** | 2007 | 2009 | 2015 | 2 | 8 | 11.39% | 19.4 | 14.86% | 21.37% | 3748 | 4 | 4288 | 4.44% | 6.05% | 5.40% | 1.22 |
| **Italy** | 2007 | 2020 | 2024 | 3 | 17 | 14.38% | 31.4 | 7.14% | 13.12% | 638 | 413 | 403 | 0.79% | 1.19% | 2.06% | 2.60 |
| **Latvia** | 2007 | 2010 | 2015 | 1 | 8 | 18.60% | 26.6 | 9.49% | 33.26% | 2078 | 1723 | 199 | 7.71% | 6.86% | 4.29% | 0.56 |
| **Lithuania** | 2008 | 2009 | 2012 | 1 | 4 | 13.55% | 17.5 | 7.79% | 20.59% | 3461 | 0 | 396 | 7.72% | 14.56% | 4.42% | 0.57 |
| **Lux.** | 2007 | 2025 | * | 6* | 23* | 8.16% | 31.16* | 5.62%* | 40.51%* | 186* | 234 | 0* | 3.75% | 0.47% | 0.15%* | 0.04* |
| **Malta** | 2008 | 2009 | 2010 | 1 | 2 | 2.14% | 4.1 | 1.82% | 3.34% | 689 | 0 | 733 | 3.10% | 2.16% | 4.26% | 1.37 |
| **N.L.** | 2008 | 2009 | 2016 | 2 | 8 | 4.14% | 12.1 | 3.00% | 11.64% | 182 | 0 | 62 | 2.42% | 4.23% | 1.07% | 0.44 |
| **Portugal** | 2008 | 2013 | 2017 | 2 | 9 | 7.23% | 16.2 | 4.40% | 8.86% | 275 | 181 | 33 | 1.20% | 1.50% | 2.39% | 1.98 |
| **Slovakia** | 2008 | 2009 | 2010 | 1 | 2 | 5.62% | 7.6 | 2.96% | 7.81% | 1761 | 0 | 161 | 5.40% | 5.78% | 2.88% | 0.53 |
| **Slovenia** | 2008 | 2013 | 2017 | 2 | 9 | 11.58% | 20.6 | 7.71% | 23.20% | 691 | 565 | 67 | 4.02% | 2.46% | 3.30% | 0.82 |
| **Spain** | 2007 | 2013 | 2017 | 1 | 10 | 9.30% | 19.3 | 5.19% | 16.26% | 279 | 99 | 45 | 2.54% | 1.63% | 2.30% | 0.90 |
| **Bulgaria** | 2008 | 2009 | 2011 | 1 | 3 | 2.80% | 5.8 | 2.39% | 9.60% | 471 | 0 | 93 | 6.34% | 2.84% | 2.71% | 0.43 |
| **Czechia** | 2008 | 2009 | 2015 | 2 | 7 | 5.55% | 12.6 | 4.05% | 14.48% | 452 | 0 | 183 | 3.76% | 5.71% | 2.20% | 0.59 |
| **Denmark** | 2007 | 2009 | 2016 | 2 | 9 | 6.48% | 15.5 | 3.67% | 12.36% | 233 | 264 | 29 | 2.12% | 3.35% | 1.20% | 0.57 |
| **Hungary** | 2008 | 2009 | 2014 | 2 | 6 | 6.61% | 12.6 | 4.70% | 12.57% | 635 | 0 | 289 | 3.29% | 6.84% | 3.17% | 0.96 |
| **Poland** | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| **Romania** | 2008 | 2010 | 2014 | 1 | 6 | 7.68% | 13.7 | 4.42% | 21.23% | 623 | 30 | 416 | 6.93% | 4.00% | 4.29% | 0.62 |
| **Sweden** | 2007 | 2009 | 2011 | 1 | 4 | 6.74% | 10.7 | 2.73% | 8.17% | 685 | 138 | 69 | 2.90% | 3.49% | 3.60% | 1.24 |
| **Iceland** | 2007 | 2010 | 2016 | 1 | 9 | 11.69% | 20.7 | 6.95% | 24.02% | 766 | 749 | 117 | 4.64% | 4.15% | 2.28% | 0.49 |
| **Liecht.** | 2007 | 2012 | 2021 | 4 | 14 | 16.53% | 30.5 | 11.19% | 37.97% | 1944 | 1338 | 2398 | 5.24% | 3.61% | 2.67% | 0.51 |
| **Norway** | 2007 | 2011 | 2017 | 2 | 10 | 4.67% | 14.7 | 2.75% | 13.58% | 83 | 61 | 18 | 2.33% | 1.20% | 0.71% | 0.30 |
| **Switz.** | 2008 | 2009 | 2013 | 1 | 5 | 3.69% | 8.7 | 1.41% | 7.26% | 190 | 0 | 23 | 2.43% | 3.76% | 0.90% | 0.37 |
| **U.K.** | 2007 | 2009 | 2015 | 1 | 8 | 6.30% | 14.3 | 3.43% | 12.24% | 248 | 217 | 19 | 2.47% | 3.25% | 1.25% | 0.50 |

Table 18: Results for Eurozone, other members of the European Union, the European Free Trade Area, and the United Kingdom during COVID-19 (International Monetary Fund, 2025)

| | **P** | **T** | **R** | **Dips** | **Years** | **MD** | **SI** | **SOL** | **DOL** | **TT** | **TC** | **TE** | **PCG** | **RC** | **RR** | **GRR** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***N*** | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* | *30* |
| ***Avg.*** | *2018.83* | *2020.00* | *2021.33* | *1.0* | *2.5* | *5.33%* | *7.8* | *3.18%* | *4.70%* | *1882* | *25* | *160* | *2.49%* | *5.13%* | *4.12%* | *1.96* |
| ***St.D.*** | *0.582* | *0.000* | *0.537* | *0.2* | *0.8* | *2.79%* | *3.2* | *1.31%* | *1.85%* | *1338* | *105* | *150* | *1.23%* | *2.89%* | *2.78%* | *1.25* |
| ***Min.*** | *2016* | *2020* | *2021* | *1* | *2* | *1.79%* | *3.8* | *1.04%* | *1.26%* | *218* | *0* | *0* | *0.74%* | *0.80%* | *1.48%* | *0.62* |
| ***Med.*** | *2019* | *2020* | *2021* | *1* | *2* | *4.55%* | *6.9* | *2.75%* | *4.59%* | *1498* | *0* | *141* | *2.34%* | *4.61%* | *3.51%* | *1.57* |
| ***Max.*** | *2019* | *2020* | *2023* | *2* | *5* | *11.10%* | *15.1* | *6.20%* | *8.48%* | *5041* | *577* | *521* | *4.73%* | *11.76%* | *16.46%* | *4.95* |
| **Austria** | 2019 | 2020 | 2022 | 1 | 3 | 6.76% | 9.8 | 3.75% | 4.60% | 1378 | 0 | 3 | 1.24% | 7.00% | 4.48% | 3.61 |
| **Belgium** | 2019 | 2020 | 2021 | 1 | 2 | 5.35% | 7.3 | 2.73% | 3.80% | 1495 | 0 | 152 | 1.22% | 5.49% | 1.48% | 1.21 |
| **Croatia** | 2019 | 2020 | 2021 | 1 | 2 | 7.49% | 9.5 | 4.88% | 5.49% | 5041 | 0 | 484 | 3.13% | 7.79% | 4.37% | 1.40 |
| **Cyprus** | 2019 | 2020 | 2021 | 1 | 2 | 4.53% | 6.5 | 3.87% | 5.13% | 3253 | 0 | 459 | 4.73% | 4.64% | 3.53% | 0.75 |
| **Estonia** | 2019 | 2020 | 2021 | 1 | 2 | 3.08% | 5.1 | 2.66% | 3.94% | 1500 | 0 | 0 | 3.66% | 3.12% | 7.83% | 2.14 |
| **Finland** | 2019 | 2020 | 2022 | 1 | 3 | 2.62% | 5.6 | 1.04% | 3.11% | 218 | 0 | 50 | 1.51% | 2.66% | 1.49% | 0.99 |
| **France** | 2019 | 2020 | 2022 | 1 | 3 | 7.86% | 10.9 | 3.35% | 4.57% | 1685 | 0 | 136 | 0.93% | 8.18% | 1.53% | 1.66 |
| **Germany** | 2019 | 2020 | 2022 | 1 | 3 | 4.04% | 7.0 | 1.72% | 3.77% | 543 | 0 | 104 | 1.74% | 4.12% | 2.57% | 1.48 |
| **Greece** | 2019 | 2020 | 2022 | 1 | 3 | 9.15% | 12.1 | 5.45% | 4.34% | 3282 | 0 | 320 | 1.48% | 9.59% | 3.25% | 2.20 |
| **Ireland** | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| **Italy** | 2019 | 2020 | 2021 | 1 | 2 | 8.60% | 10.6 | 4.36% | 5.35% | 3797 | 0 | 403 | 1.17% | 8.99% | 2.06% | 1.77 |
| **Latvia** | 2019 | 2020 | 2021 | 1 | 2 | 2.85% | 4.8 | 2.52% | 4.47% | 1346 | 0 | 167 | 4.29% | 2.89% | 2.66% | 0.62 |
| **Lithuania** | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| **Lux.** | 2016 | 2020 | 2021 | 2 | 5 | 3.15% | 8.1 | 2.13% | 7.23% | 351 | 68 | 0 | 2.54% | 0.80% | 5.33% | 2.10 |
| **Malta** | 2019 | 2020 | 2021 | 1 | 2 | 7.56% | 9.6 | 4.80% | 6.72% | 4835 | 0 | 521 | 4.26% | 7.86% | 3.74% | 0.88 |
| **N.L.** | 2019 | 2020 | 2021 | 1 | 2 | 4.57% | 6.6 | 2.53% | 3.72% | 1291 | 0 | 21 | 1.73% | 4.68% | 4.96% | 2.86 |
| **Portugal** | 2019 | 2020 | 2022 | 1 | 3 | 8.47% | 11.5 | 4.80% | 7.01% | 2181 | 0 | 146 | 2.39% | 8.85% | 2.46% | 1.03 |
| **Slovakia** | 2019 | 2020 | 2021 | 1 | 2 | 2.72% | 4.7 | 2.02% | 3.50% | 845 | 0 | 77 | 2.88% | 2.76% | 2.39% | 0.83 |
| **Slovenia** | 2019 | 2020 | 2021 | 1 | 2 | 4.77% | 6.8 | 2.99% | 4.94% | 1841 | 0 | 150 | 3.30% | 4.89% | 2.55% | 0.77 |
| **Spain** | 2019 | 2020 | 2023 | 1 | 4 | 11.10% | 15.1 | 4.51% | 8.48% | 2255 | 0 | 187 | 2.30% | 11.76% | 2.05% | 0.89 |
| **Bulgaria** | 2019 | 2020 | 2021 | 1 | 2 | 2.73% | 4.7 | 2.76% | 3.22% | 1645 | 0 | 304 | 3.39% | 2.76% | 4.69% | 1.38 |
| **Czechia** | 2019 | 2020 | 2021 | 1 | 2 | 5.37% | 7.4 | 2.73% | 5.74% | 1489 | 0 | 0 | 3.21% | 5.52% | 5.69% | 1.77 |
| **Denmark** | 2019 | 2020 | 2021 | 1 | 2 | 2.06% | 4.1 | 1.98% | 1.50% | 823 | 0 | 0 | 1.48% | 2.08% | 6.00% | 4.06 |
| **Hungary** | 2019 | 2020 | 2021 | 1 | 2 | 4.23% | 6.2 | 2.84% | 5.38% | 1666 | 0 | 82 | 4.15% | 4.32% | 5.99% | 1.44 |
| **Poland** | 2019 | 2020 | 2021 | 1 | 2 | 2.00% | 4.0 | 2.68% | 3.29% | 1587 | 0 | 220 | 4.14% | 2.02% | 3.75% | 0.91 |
| **Romania** | 2019 | 2020 | 2021 | 1 | 2 | 3.25% | 5.2 | 2.28% | 5.12% | 1078 | 0 | 120 | 4.29% | 3.30% | 3.26% | 0.76 |
| **Sweden** | 2019 | 2020 | 2021 | 1 | 2 | 2.42% | 4.4 | 1.68% | 1.88% | 578 | 0 | 187 | 1.18% | 2.45% | 2.49% | 2.12 |
| **Iceland** | 2018 | 2020 | 2022 | 1 | 4 | 8.75% | 12.7 | 4.19% | 7.88% | 1448 | 577 | 182 | 2.28% | 4.58% | 4.25% | 1.87 |
| **Liecht.** | 2018 | 2020 | 2021 | 1 | 3 | 8.99% | 12.0 | 6.20% | 7.58% | 4833 | 97 | 0 | 3.33% | 4.71% | 16.46% | 4.95 |
| **Norway** | 2019 | 2020 | 2021 | 1 | 2 | 1.79% | 3.8 | 1.25% | 1.26% | 319 | 0 | 16 | 0.74% | 1.80% | 2.68% | 3.64 |
| **Switz.** | 2019 | 2020 | 2021 | 1 | 2 | 2.99% | 5.0 | 1.89% | 1.96% | 729 | 0 | 70 | 0.90% | 3.03% | 3.48% | 3.88 |
| **U.K.** | 2019 | 2020 | 2022 | 1 | 3 | 10.68% | 13.7 | 4.82% | 6.16% | 3132 | 0 | 236 | 1.25% | 11.29% | 6.09% | 4.89 |