

# APPENDIX **B**

## Additional Data and Scripts

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## B.1 US Quarterly Gross Domestic Product (GDP)

**Table B.1** : 2020 US Quarterly GDP Data (in millions of dollars) and 2019 Population Data by State<sup>a</sup>

Region	State	Q1GDP	Q2GDP	Q3GDP	Q4GDP	Pop2019
New England	Connecticut	284,418	258,045	278,963	284,265	3,558,382
New England	Maine	70,824	64,445	70,412	71,406	1,342,845
New England	Massachusetts	597,756	545,422	591,547	595,183	6,887,571
New England	New Hampshire	90,373	81,024	88,842	90,245	1,358,406
New England	Rhode Island	61,799	56,825	61,273	62,327	1,054,930
New England	Vermont	34,378	30,804	34,028	34,529	623,417
Mideast	Delaware	77,068	71,628	76,380	78,070	970,344
Mideast	D.C.	146,252	138,511	145,338	148,118	701,570
Mideast	Maryland	421,334	387,137	414,207	420,021	6,010,629
Mideast	New Jersey	638,654	577,108	624,411	634,144	8,872,796
Mideast	New York	1,751,311	1,627,416	1,742,921	1,777,389	19,428,617
Mideast	Pennsylvania	795,605	717,798	780,296	793,893	12,795,687
Great Lakes	Illinois	882,625	801,478	866,989	882,376	12,644,109
Great Lakes	Indiana	386,174	346,195	381,519	387,459	6,729,379
Great Lakes	Michigan	526,833	478,009	523,911	531,728	9,983,148
Great Lakes	Ohio	696,626	630,461	685,790	697,368	11,680,341
Great Lakes	Wisconsin	346,811	313,347	343,004	347,694	5,819,432
Plains	Iowa	196,663	179,925	197,094	203,388	3,153,269
Plains	Kansas	179,788	161,778	177,487	181,514	2,890,576
Plains	Minnesota	383,114	348,492	378,201	385,150	5,637,494
Plains	Missouri	337,330	306,989	333,606	339,544	6,118,557
Plains	Nebraska	135,796	123,142	134,654	140,165	1,927,803
Plains	North Dakota	56,612	49,892	55,396	57,517	754,887

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<sup>a</sup>Download: <https://bit.ly/3zVi72k>

Table B.1 – continued from previous page

Region	State	Q1GDP	Q2GDP	Q3GDP	Q4GDP	Pop2019
Plains	South Dakota	56,768	50,660	55,135	56,595	881,196
Southeast	Alabama	233,525	211,064	230,034	232,964	4,889,347
Southeast	Arkansas	134,411	121,146	132,589	134,857	3,012,542
Southeast	Florida	1,134,749	1,035,634	1,120,033	1,133,726	21,409,839
Southeast	Georgia	639,677	584,177	628,822	637,835	10,554,409
Southeast	Kentucky	217,788	196,393	216,096	219,882	4,450,887
Southeast	Louisiana	245,726	217,821	237,572	240,631	4,632,866
Southeast	Mississippi	117,322	104,761	115,625	117,676	2,962,093
Southeast	North Carolina	606,710	549,498	596,445	606,664	10,390,610
Southeast	South Carolina	250,492	227,489	249,008	252,537	5,107,226
Southeast	Tennessee	385,084	335,382	374,746	383,085	6,808,577
Southeast	Virginia	561,706	516,948	555,057	564,432	8,420,244
Southeast	West Virginia	78,278	69,001	76,981	79,159	1,791,176
Southwest	Arizona	383,723	348,826	378,536	383,791	7,259,090
Southwest	New Mexico	101,902	90,750	99,514	101,723	2,085,174
Southwest	Oklahoma	197,204	170,950	189,728	194,345	3,937,529
Southwest	Texas	1,840,888	1,634,208	1,794,321	1,832,934	28,881,232
Rocky Mount	Colorado	395,290	357,257	385,197	392,594	5,722,795
Rocky Mount	Idaho	86,823	77,221	85,042	86,200	1,783,529
Rocky Mount	Montana	53,356	47,646	52,022	53,011	1,065,217
Rocky Mount	Utah	203,614	184,856	199,793	201,985	3,201,120
Rocky Mount	Wyoming	38,581	32,692	36,473	37,548	575,665
Far West	Alaska	53,066	45,332	49,716	51,166	712,114
Far West	California	3,098,986	2,812,495	3,046,249	3,071,021	39,356,141
Far West	Hawaii	86,009	77,168	83,544	84,816	1,370,589
Far West	Nevada	181,627	154,770	172,207	175,171	3,069,329
Far West	Oregon	250,990	227,091	247,176	249,851	4,215,178
Far West	Washington	615,445	567,805	612,596	621,169	7,562,699

<sup>a</sup>Download: <https://bit.ly/3zVi72k>

## B.2 A Model R Markdown Document

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```
01 ---
02 title: 'US Projected Labor Force: 2000-2030'
03 author: "K. Gwet"
04 date: "2/8/2022"
05 output:
06   pdf_document: default
07   html_document: default
08   word_document: default
09 ---
10
11 ```{r setup, include=FALSE}
12 knitr::opts_chunk$set(echo = TRUE)
13 ```
14
15 ## R Markdown
16
17 This is an R Markdown document. Markdown is a simple formatting
18 syntax for authoring HTML, PDF, and MS Word documents. For more
19 details on using R Markdown see <http://rmarkdown.rstudio.com>.
20
21 When you click the Knit button a document will be generated
22 that includes both content as well as the output of any embedded
23 R code chunks within the document. You can embed an R code chunk
24 like this:
25
26 ```{r cars}
27 summary(cars)
28 ```
29
30 ## Including Plots
31
32 You can also embed plots, for example:
33
34 ```{r pressure, echo=FALSE}
35 plot(pressure)
36 ```
```

37

38 Note that the ``echo = FALSE`` parameter was added to the code

39 chunk to prevent printing of the R code that generated the plot.

