



ETL Project

**US State Database:
Median Income, Population & Unemployment Rates for
2015 - 2019**

Data Sets



1. Median Household Income by State

- a. Downloaded as CSV from US Census website
- b. Included years from 1984 - 2019
- c. <https://www.census.gov/data/tables/time-series/demo/income-poverty/historical-income-households.html>

2. Population Totals by State

- a. Downloaded as CSV from US Census website
- b. Included years from 2010 - 2019
- c. <https://www.census.gov/data/tables/time-series/demo/popest/2010s-state-total.html>

3. Unemployment Rates by State

- a. Webscraped 4 HTML tables for years 2016 - 2019 from US Bureau of Labor website
- b. <https://www.bls.gov/lau/lastrk19.htm>, <https://www.bls.gov/lau/lastrk18.htm>,
<https://www.bls.gov/lau/lastrk17.htm>, <https://www.bls.gov/lau/lastrk16.htm>,
- c. For 2015, created spreadsheet manually as only a PDF was available for this year

Possible Data Loss

Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.

Save As...

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Unemployment Rates by State - 2019

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Unemployment Rates for States

Unemployment Rates for States, 2019 Annual Averages

State	2019 rate	Rank
United States	3.7	
North Dakota	2.3	1
Vermont	2.3	1
Hawaii	2.5	3
Utah	2.5	3
New Hampshire	2.6	5
Colorado	2.7	6
Maine	2.7	6
Virginia	2.7	6
Idaho	2.8	9
Iowa	2.8	9
South Carolina	2.8	9
Alabama	3.0	12
Massachusetts	3.0	12
Nebraska	3.0	12
South Dakota	3.0	12
Oklahoma	3.1	16
Indiana	3.2	17
Kansas	3.2	17
Minnesota	3.2	17
Florida	3.3	20
Missouri	3.3	20
Wisconsin	3.3	20
New Jersey	3.4	23

Unemployment Rates by State - 2018

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	State	2018 rate	Rank
	United States	3.9	
	Hawaii	2.4	1
	North Dakota	2.5	2
	Iowa	2.6	3
	New Hampshire	2.6	3
	Vermont	2.6	3
	Idaho	2.8	6
	Nebraska	2.9	7
	South Dakota	2.9	7
	Utah	2.9	7
	Virginia	2.9	7
	Colorado	3.0	11
	Minnesota	3.0	11
	Wisconsin	3.0	11
	Maine	3.1	14
	Missouri	3.2	15
	Kansas	3.3	16
	Oklahoma	3.3	16
	Indiana	3.4	18
	Massachusetts	3.4	18
	South Carolina	3.4	18
	Tennessee	3.5	21
	Florida	3.6	22
	Arkansas	3.7	23
	Delaware	3.7	23
	Maryland	3.8	25
	Montana	3.8	25
	Alabama	3.9	27
	Connecticut	3.9	27

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Unemployment Rates for States		
Unemployment Rates for States, 2017 Annual Averages		
State	2017 rate	Rank
United States	4.4	
Hawaii	2.2	1
Colorado	2.6	2
North Dakota	2.7	3
New Hampshire	2.8	4
Nebraska	2.9	5
Vermont	3.0	6
Iowa	3.1	7
South Dakota	3.1	7
Utah	3.1	7
Idaho	3.2	10
Wisconsin	3.3	11
Maine	3.4	12
Minnesota	3.4	12
Indiana	3.5	14
Kansas	3.6	15
Arkansas	3.7	16
Tennessee	3.7	16
Virginia	3.7	16
Massachusetts	3.8	19
Missouri	3.8	19
Oklahoma	4.0	21
Maryland	4.1	22
Montana	4.1	22
Oregon	4.1	22
Florida	4.2	25
South Carolina	4.2	25
Texas	4.3	27
Wyoming	4.3	27

Unemployment Rates by State - 2016

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RESEARCHERS ▸		
GEOGRAPHY ▸		
METHODOLOGY ▸		
Unemployment Rates for States		
Unemployment Rates for States, 2016 Annual Averages		
State	2016 rate	Rank
United States	4.9	
Hawaii	2.9	1
New Hampshire	2.9	1
South Dakota	3.0	3
Colorado	3.1	4
Nebraska	3.1	4
North Dakota	3.1	4
Vermont	3.1	4
Utah	3.3	8
Iowa	3.6	9
Idaho	3.7	10
Maine	3.8	11
Minnesota	3.9	12
Wisconsin	3.9	12
Arkansas	4.0	14
Kansas	4.0	14
Massachusetts	4.0	14
Virginia	4.0	14
Maryland	4.3	18
Montana	4.3	18
Indiana	4.4	20
Delaware	4.5	21
Missouri	4.5	21
Oklahoma	4.6	23
Texas	4.6	23
Oregon	4.7	25
Tennessee	4.7	25
Connecticut	4.8	27
Florida	4.9	28

Unemployment Rates by State - 2015

State	Rate
United States	5.3
Alabama	6.1
Alaska	6.5
Arizona	6.1
California	6.2
Colorado	3.9
District of Columbia	6.9
Georgia	5.9
Hawaii	3.6
Idaho	4.1
Illinois	5.9
Iowa	3.7
Kansas	4.2
Louisiana	6.3
Maine	4.4
Minnesota	3.7
Mississippi	6.5
Montana	4.1
Nebraska	3.0
Nevada	6.7
New Hampshire	3.4
New Mexico	6.6
North Dakota	2.7
Ohio	4.9
Oklahoma	4.2
Rhode Island	6.0
South Carolina	6.0
South Dakota	3.1
Texas	4.5
Utah	3.5
Vermont	3.7



Possible Data Loss Some features might be lost if you save

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	A	B	C	D	E
1	State	2015 Rate			
2	United State	5.3			
3	Alabama	6.1			
4	Alaska	6.5			
5	Arizona	6.1			
6	Arkansas	5.2			
7	California	6.2			
8	Colorado	3.9			
9	Connecticut	5.6			
10	Delaware	4.9			
11	District of Co	6.9			
12	Florida	5.4			
13	Georgia	5.9			
14	Hawaii	3.6			
15	Idaho	4.1			
16	Illinois	5.9			
17	Indiana	4.8			
18	Iowa	3.7			
19	Kansas	4.2			
20	Kentucky	5.4			
21	Louisiana	6.3			
22	Maine	4.4			
23	Maryland	5.2			
24	Massachuset	5			
25	Michigan	5.4			
26	Minnesota	3.7			
27	Mississippi	6.5			

Unemployment by State_2015

Jupyter Notebook Walkthrough

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Thank You