ETL Project

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

By Valerie Andrade

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

- 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

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

Median Household Income by State

41	\$	\times \checkmark	f_X State																
	Α	В	С	D	Е	F	G	Н	1	J	К	L	M	N	0	Р	Q	R	S
S	tate	2019		2018		2017 (40)		2017		2016		2015		2014		2013 (39)		2013 (38)	
		Median inco	Standard err	Median incor	Standard en	r Median incor	Standard err	Median incor	Standard err I	Median inco	tandard err	Median inco	tandard err N	Median inco	Standard err	Median inco	Standard err	Median incor	Standard e
l	Inited State	68,703	550	63,179	420	61,136	322	61,372	335	59,039	436	56,516	321	53,657	392	53,585	654	51,939	27
Α	labama	56,200	2,512	49,936	2,423	50,865	1,094	51,113	845	47,221	2,301	44,509	3,419	42,278	1,529	47,320	5,511	41,381	2,31
Α	laska	78,394	6,685	68,734	3,390	77,987	3,718	72,231	2,719	75,723	4,086	75,112	3,485	67,629	3,153	72,472	5,446	61,137	3,30
Α	rizona	70,674	3,391	62,283	2,291	59,700	2,689	61,125	2,642	57,100	1,971	52,248	2,008	49,254	2,304	52,611	4,365	50,602	4,83
Α	rkansas	54,539	2,384	49,781	2,108	49,751	2,491	48,829	2,642	45,907	2,165	42,798	1,572	44,922	2,546	39,376	2,402	39,919	2,38
C	alifornia	78,105	1,850	70,489	1,233	70,038	1,576	69,759	1,452	66,637	1,075	63,636	1,711	60,487	894	60,794	1,811	57,528	1,2
C	olorado	72,499	5,221	73,034	3,562	74,984	2,661	74,172	2,982	70,566	4,125	66,596	3,682	60,940	2,414	67,912	4,129	63,371	2,8
C	onnecticut	87,291	4,630	72,812	5,119	74,304	3,453	72,780	3,509	75,923	3,404	72,889	4,449	70,161	2,665	69,291	3,238	67,781	2,5
C	elaware	74,194	3,009	65,012	3,599	64,961	5,230	62,318	3,300	58,046	2,992	57,756	3,392	57,522	2,970	54,091	4,350	52,219	2,4
C	istrict of Co	93,111	3,884	85,750	2,659	81,282	1,903	83,382	3,319	70,982	2,734	70,071	2,861	68,277	4,402	60,057	5,529	60,675	3,0
F	lorida	58,368	1,579	54,644	1,887	53,086	1,438	53,681	1,816	51,176	835	48,825	1,395	46,140	950	48,532	2,815	47,886	1,5
G	ieorgia	56,628	1,782	55,821	2,032	57,985	2,288	57,016	2,434	53,527	1,679	50,768	1,401	49,555	2,009	46,992	4,236	47,439	1,9
H	lawaii	88,006	3,565	80,108	3,482	73,599	2,352	73,575	2,227	72,133	2,510	64,514	2,840	71,223	2,676	64,235	3,918	61,408	2,2
le	daho	65,988	2,152	58,728	2,405	59,497	2,259	60,208	2,400	56,564	1,261	51,624	1,260	53,438	2,572	48,467	5,484	51,767	3,6
11	linois	74,399	2,625	70,145	2,253	65,969	1,667	64,609	1,999	61,386	1,761	60,413	1,999	54,916	1,625	53,937	3,287	57,196	1,7
li	ndiana	66,693	3,112	59,892	1,997	58,767	1,655	58,873	2,026	56,094	2,877	51,983	1,682	48,060	1,943	49,455	4,508	50,553	3,2
le	owa	66,054	4,009	68,718	2,910	63,467	4,760	63,481	5,512	59,094	2,484	60,855	3,275	57,810	3,425	60,156	6,134	54,855	1,9
K	ansas	73,151	4,329	63,938	2,027	56,900	1,937	57,872	2,898	56,810	3,268	54,865	3,731	53,444	2,863	47,820	4,496	51,485	1,4
K	entucky	55,662	2,553	54,555	3,668	49,672	1,885	51,348	1,364	45,369	2,005	42,387	2,269	42,786	1,580	44,879	3,924	42,158	1,8
L	ouisiana	51,707	1,412	49,973	1,754	43,565	2,088	43,903	1,453	42,196	1,197	45,922	2,140	42,406	1,862	46,425	2,543	39,622	2,8
N	Maine	66,546	5,002	58,663	5,683	53,316	3,121	51,664	2,146	50,856	3,346	50,756	1,929	51,710	2,171	54,957	3,863	50,121	1,9
N	Maryland	95,572	3,284	86,223	3,331	82,093	3,643	81,084	3,652	73,760	2,591	73,594	2,692	76,165	4,272	69,353	2,970	65,262	4,3
N	1assachuse1	87,707	2,828	86,345	2,785	76,243	2,394	73,227	3,328	72,266	2,911	67,861	2,790	63,151	2,662	62,529	5,303	62,963	3,4
N	1ichigan	64,119	1,680	60,449	1,906	56,405	2,286	57,700	2,337	57,091	1,908	54,203	2,005	52,005	1,199	56,567	1,587	48,801	2,2
-	Minnesota	81 426	2 988	71 817	3 656		4 649	71 920	2 991	70 218	4 045	68 730	3.063	67 244	3 207	64 374	3 992	60 907	1 8

Population Totals by State

A1		× ✓	$f_X \mid Geog$	raphic Area										
	Α	В	С	D	E	F	G	Н	1	J	K	L	M	N
1	Geographic /	1-Apr-10		Population E	stimate (as of	f July 1)								
2		Census	Estimates Ba	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
3	United State	308,745,538	308,758,105	309,321,666	311,556,874	313,830,990	315,993,715	318,301,008	320,635,163	322,941,311	324,985,539	326,687,501	328,239,523	
4	Northeast	55,317,240	55,318,443	55,380,134	55,604,223	55,775,216	55,901,806	56,006,011	56,034,684	56,042,330	56,059,240	56,046,620	55,982,803	
5	Midwest	66,927,001	66,929,725	66,974,416	67,157,800	67,336,743	67,560,379	67,745,167	67,860,583	67,987,540	68,126,781	68,236,628	68,329,004	
6	South	114,555,744	114,563,030	114,866,680	116,006,522	117,241,208	118,364,400	119,624,037	120,997,341	122,351,760	123,542,189	124,569,433	125,580,448	
7	West	71,945,553	71,946,907	72,100,436	72,788,329	73,477,823	74,167,130	74,925,793	75,742,555	76,559,681	77,257,329	77,834,820	78,347,268	
8	.Alabama	4,779,736	4,780,125	4,785,437	4,799,069	4,815,588	4,830,081	4,841,799	4,852,347	4,863,525	4,874,486	4,887,681	4,903,185	
9	.Alaska	710,231	710,249	713,910	722,128	730,443	737,068	736,283	737,498	741,456	739,700	735,139	731,545	
10	.Arizona	6,392,017	6,392,288	6,407,172	6,472,643	6,554,978	6,632,764	6,730,413	6,829,676	6,941,072	7,044,008	7,158,024	7,278,717	
11	.Arkansas	2,915,918	2,916,031	2,921,964	2,940,667	2,952,164	2,959,400	2,967,392	2,978,048	2,989,918	3,001,345	3,009,733	3,017,804	
12	.California	37,253,956	37,254,519	37,319,502	37,638,369	37,948,800	38,260,787	38,596,972	38,918,045	39,167,117	39,358,497	39,461,588	39,512,223	
13	.Colorado	5,029,196	5,029,319	5,047,349	5,121,108	5,192,647	5,269,035	5,350,101	5,450,623	5,539,215	5,611,885	5,691,287	5,758,736	
14	.Connecticut	3,574,097	3,574,147	3,579,114	3,588,283	3,594,547	3,594,841	3,594,524	3,587,122	3,578,141	3,573,297	3,571,520	3,565,287	
15	.Delaware	897,934	897,937	899,593	907,381	915,179	923,576	932,487	941,252	948,921	956,823	965,479	973,764	
16	.District of Co	601,723	601,767	605,226	619,800	634,924	650,581	662,328	675,400	685,815	694,906	701,547	705,749	
17	.Florida	18,801,310	18,804,564	18,845,537	19,053,237	19,297,822	19,545,621	19,845,911	20,209,042	20,613,477	20,963,613	21,244,317	21,477,737	
18	.Georgia	9,687,653	9,688,729	9,711,881	9,802,431	9,901,430	9,972,479	10,067,278	10,178,447	10,301,890	10,410,330	10,511,131	10,617,423	
19	.Hawaii	1,360,301	1,360,307	1,363,963	1,379,329	1,394,804	1,408,243	1,414,538	1,422,052	1,427,559	1,424,393	1,420,593	1,415,872	
20	.ldaho	1,567,582	1,567,657	1,570,746	1,583,910	1,595,324	1,611,206	1,631,112	1,651,059	1,682,380	1,717,715	1,750,536	1,787,065	
21	.Illinois	12,830,632	12,831,572	12,840,503	12,867,454	12,882,510	12,895,129	12,884,493	12,858,913	12,820,527	12,778,828	12,723,071	12,671,821	
22	.Indiana	6,483,802	6,484,051	6,490,432	6,516,528	6,537,703	6,568,713	6,593,644	6,608,422	6,634,304	6,658,078	6,695,497	6,732,219	
23	.lowa	3,046,355	3,046,871	3,050,745	3,066,336	3,076,190	3,092,997	3,109,350	3,120,960	3,131,371	3,141,550	3,148,618	3,155,070	
24	.Kansas	2,853,118	2,853,123	2,858,190	2,869,225	2,885,257	2,893,212	2,900,475	2,909,011	2,910,844	2,908,718	2,911,359	2,913,314	
25	.Kentucky	4,339,367	4,339,333	4,348,181	4,369,821	4,386,346	4,404,659	4,414,349	4,425,976	4,438,182	4,452,268	4,461,153	4,467,673	
26	.Louisiana	4,533,372	4,533,487	4,544,532	4,575,625	4,600,972	4,624,527	4,644,013	4,664,628	4,678,135	4,670,560	4,659,690	4,648,794	
7	Maine	1 328 361	1 328 358	1 327 629	1 328 284	1 327 729	1 328 009	1 330 513	1 328 262	1 331 317	1 334 612	1 339 057	1 344 212	

BROWSE LAU	Unemployment Rates for States							
LAU HOME								
LAU OVERVIEW	Unemployment Rates for States, 2019 Annual Ave	rages 2019	,					
LAU NEWS RELEASES	State	rate	Rank					
LAU DATABASES	United States	3.7						
LAU TABLES & MAPS	North Dakota	2.3	1					
LAU DOCUMENTATION	Vermont	2.3	1					
	Hawaii	2.5	3					
LAU FAQS	Utah	2.5	3					
CONTACT LAU	New Hampshire	2.6	5					
	Colorado	2.7	6					
SEARCH LAU	Maine	2.7	6					
G	Virginia	2.7	6					
LAU TOPICS	Idaho	2.8	9					
LAU TOPICS	Iowa	2.8	9					
JOBSEEKERS	South Carolina	2.8	9					
PUBLIC POLICYMAKERS	Alabama	3.0	12					
RESEARCHERS	Massachusetts	3.0	12					
	Nebraska	3.0	12					
GEOGRAPHY	South Dakota	3.0	12					
METHODOLOGY	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					

BROWSE LAU		Unemployment Rates for States		
LAU HOME		1117 - 1807 - 18		
LAU OVERVIEW		Unemployment Rates for States, 2018 Annual Averages	2018	
LAU NEWS RELEASES		State	rate	Rank
LAU DATABASES		United States	3.9	
LAU TABLES & MAPS		Hawaii	2.4	1
LAU DOCUMENTATION		North Dakota	2.5	2
		Iowa	2.6	3
LAU FAQS		New Hampshire	2.6	3
ONTACT LAU		Vermont	2.6	3
		Idaho	2.8	6
SEARCH LAU		Nebraska	2.9	7
	Go	South Dakota	2.9	7
		Utah	2.9	7
LAU TOPICS		Virginia	2.9	7
JOBSEEKERS		Colorado	3.0	11
PUBLIC POLICYMAKER	S Þ	Minnesota	3.0	11
RESEARCHERS	-	Wisconsin	3.0	11
RESEARCHERS		Maine	3.1	14
GEOGRAPHY		Missouri	3.2	15
METHODOLOGY		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

BROWSE LAU		Unemployment Rates for States		
LAU HOME				
LAU OVERVIEW		Unemployment Rates for States, 2017 Annual Averages	2017	
LAU NEWS RELEASES		State	rate	Rank
LAU DATABASES		United States	4.4	
AU TABLES & MAPS		Hawaii	2.2	1
LAU DOCUMENTATION		Colorado	2.6	2
	North Dakota 2.7		3	
.AU FAQS		New Hampshire	2.8	4
CONTACT LAU	NTACT LAU Nebraska 2.9		5	
gan an enemy Start Start Start Starte		Vermont	3.0	6
SEARCH LAU		Iowa	3.1	7
	Go	South Dakota	3.1	7
		Utah	3.1	7
LAU TOPICS		Idaho	3.2	10
JOBSEEKERS	Þ	Wisconsin	3.3	11
PUBLIC POLICYMAKERS	Þ	Maine	3.4	12
	- 63	Minnesota	3.4	12
RESEARCHERS	Þ	Indiana	3.5	14
GEOGRAPHY	Þ	Kansas	3.6	15
METHODOLOGY	Þ	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

BROWSE LAU		Unemployment Rates for States		
LAU HOME				
LAU OVERVIEW		Unemployment Rates for States, 2016 Annual Average		
LAU NEWS RELEASES		State	2016 rate	Rank
LAU DATABASES		United States	4.9	
LAU TABLES & MAPS		Hawaii	2.9	1
		New Hampshire	2.9	1
LAU DOCUMENTATION	South Dakota 3.0			
LAU FAQS		Colorado	3.1	4
CONTACT LAU		Nebraska	3.1	4
	8	North Dakota	3.1	4
SEARCH LAU		Vermont	3.1	4
	Go	Utah	3.3	8
		Iowa	3.6	9
LAU TOPICS		Idaho	3.7	10
JOBSEEKERS	Þ	Maine	3.8	11
PUBLIC POLICYMAKERS	Þ	Minnesota	3.9	12
	-	Wisconsin	3.9	12
RESEARCHERS	Þ	Arkansas	4.0	14
GEOGRAPHY	P.	Kansas	4.0	14
METHODOLOGY	D.	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	2:
		Oklahoma	4.6	23
		Texas	4.6	23
		Oregon	4.7	25
		Tennessee	4.7	25
		Connecticut	4.8	27
		Florida	4.9	28

State	Rate
nited 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
ldaho	4.1
Illinois	5.9
lowa	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



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	А	В	С	D	Е
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			
7	Mississinni	6.5			

Jupyter Notebook Walkthrough

Thank You