

*To find state with best bang for buck;

DATA	StateMinWage;
input	State \$ 1-14 MinWage 17-21;
datalines;	
Alabama	7.25
Alaska	10.34
Arizona	12.15
Arkansas	11.00
California	14.00
Colorado	12.32
Connecticut	13.00
DC	15.20
Delaware	10.25
Florida	10.00
Georgia	7.25
Hawaii	10.10
Idaho	7.25
Illinois	11.00
Indiana	7.25
Iowa	7.25
Kansas	7.25
Kentucky	7.25
Louisiana	7.25
Maine	12.15
Maryland	11.75
Massachusetts	13.50
Michigan	9.65
Minnesota	10.08
Mississippi	7.25
Missouri	10.30
Montana	8.75
Nebraska	9.00
Nevada	8.75
New Hampshire	7.25
New Jersey	12.00
New Mexico	10.50
New York	12.50
North Carolina	7.25
North Dakota	7.25
Ohio	8.80
Oklahoma	7.25
Oregon	12.75
Pennsylvania	7.25
Rhode Island	11.50
South Carolina	7.25
South Dakota	9.45
Tennessee	7.25
Texas	7.25
Utah	7.25
Vermont	11.75
Virginia	9.50
Washington	13.69
West Virginia	8.75
Wisconsin	7.25

```
Wyoming          7.25
;
RUN;

title '2021 Minimum Wage by State';
title2 'paycor.com';
PROC PRINT data=stateminwage label noobs;
format MinWage dollar9.2;
label MinWage='Minimum Wage';
RUN;
title;

DATA StateAvgWage;
input State $ 1-14   AvgWage 17-24;
datalines;
Massachusetts      74189
Hawaii              73973
Rhode Island       71365
North Dakota       70067
Alaska             69751
Nevada             69200
Washington         69142
DC                 69141
South Dakota       68022
New York           67727
Oregon             67253
Maryland           66701
Kansas             66665
Nebraska           65465
New Hampshire      65421
Kentucky           65077
Virginia           64607
Colorado           63026
South Carolina     63020
Mississippi        62497
Delaware           62391
California         62356
Vermont            61581
Oklahoma           60844
Wyoming            60682
Connecticut        60416
Arkansas           59389
Michigan           59093
Illinois           59068
West Virginia      58867
Pennsylvania       58583
Idaho              58479
New Jersey         58149
Maine              58015
Montana            57684
Missouri           57598
Arizona            57091
Minnesota          57001
Tennessee          56888
Indiana            56725
```

```
Texas          56536
Wisconsin      56509
Ohio           56477
Utah           55841
Louisiana      55280
Georgia        55075
Iowa           54554
Alabama        53786
North Carolina 53703
New Mexico     53675
Florida        51909
;
RUN;
```

```
PROC SORT data=StateAvgWage out=StateAvgWageSorted;
by State;
RUN;
```

```
title '2021 Average Annual Salary by State';
title2 'ziprecruiter.com';
PROC PRINT data=StateAvgWageSorted label noobs;
format AvgWage dollar9.;
label AvgWage='AverageWage';
RUN;
title;
```

```
DATA StateAvgCost;
input State $ 1-14 AvgCostLiv 17-24 ;
datalines;
Alabama      28652
Alaska       31333
Arizona      31077
Arkansas     27652
California   38823
Colorado     34009
Connecticut  33240
DC           42609
Delaware     31868
Florida      30825
Georgia      31940
Hawaii       40412
Idaho        29007
Illinois     31975
Indiana      27955
Iowa         28327
Kansas       28093
Kentucky     28048
Louisiana    29251
Maine        31043
Maryland     35879
Massachusetts 36889
Michigan     28354
Minnesota    30997
Mississippi  27936
Missouri     28535
```

Montana	29004
Nebraska	28234
Nevada	28442
New Hampshire	30089
New Jersey	33696
New Mexico	29057
New York	38719
North Carolina	30617
North Dakota	27211
Ohio	27369
Oklahoma	28133
Oregon	35050
Pennsylvania	27861
Rhode Island	30763
South Carolina	30328
South Dakota	26225
Tennessee	27563
Texas	29134
Utah	30211
Vermont	31057
Virginia	34552
Washington	33982
West Virginia	27837
Wisconsin	29160
Wyoming	27425

```

;
RUN;

title '2021 Average Cost of Living by State';
title2 'livingage.mit.edu';
PROC PRINT data=StateAvgCost label noobs;
format AvgCostLiv dollar9.;
label AvgCostLiv='Average Cost of Living';
RUN;
title;

*To merge our datasets;
DATA Stateinfo;
merge StateMinWage StateAvgWageSorted StateAvgCost;
by State;
StateSurplus=AvgWage-AvgCostLiv;
AvgWorkHours=AvgCostLiv/MinWage;
format MinWage dollar9.2
        AvgWage dollar9.
        AvgCostLiv dollar9.
        StateSurplus dollar9.
        AvgWorkhours comma9.2
        ;
label MinWage='Minimum Wage'
        AvgWage='Average Wage'
        AvgCostLiv='Average Cost of Living'
        AvgWorkHours='Average Work Hours Needed'
        StateSurplus='Average State Surplus'
        ;
RUN;

```

**To find best states to live in;*

```
PROC SORT data=StateInfo out=BestStatesRanked;  
by AvgWorkHours;  
RUN;
```

title 'States Ranked by Least Minimum Wage Work Hours Needed to Meet Cost of Living';

```
PROC PRINT data=BestStatesRanked label;  
var State MinWage AvgCostLiv AvgWorkHours;  
RUN;  
title;
```

**To find states with highest average surplus;*

```
PROC SORT data=Stateinfo out=BestStatesRanked2;  
by descending StateSurplus;  
RUN;
```

title 'States Ranked by Highest Average Surplus';

```
PROC PRINT data=BestStatesRanked2 label;  
var State AvgWage AvgCostLiv StateSurplus;  
RUN;  
title;
```

**California Stats;*

```
title 'Statistics for California';  
PROC PRINT data=StateInfo noobs label;  
where State like 'California';  
RUN;  
title;
```

title 'States Ranked by Highest Average Wage';

```
title2 'based on ziprecruiter.com';  
PROC PRINT data=StateAvgWage label;  
label AvgWage='Average Wage';  
format AvgWage dollar9.;  
RUN;  
title;
```

PROC SORT data=StateMinwage out=StateMinWageSorted;

```
by Descending MinWage;  
RUN;
```