DishwashingPicks
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The Hidden Cost of Hard Water, by City

Yearly hard water cost per household across water heater, dishwasher and laundry, for the 50 largest US cities. Ranked highest to lowest.

#	City	State	Dishwasher	Water heater	Laundry	Total / yr
1	Las Vegas	NV	$12	$68	$19	**$99**
2	Miami	FL	$9	$70	$14	**$94**
3	Phoenix	AZ	$10	$64	$16	**$90**
4	Jacksonville	FL	$9	$63	$13	**$84**
5	San Diego	CA	$10	$56	$15	**$82**
6	Tucson	AZ	$8	$48	$12	**$68**
7	San Jose	CA	$8	$44	$12	**$64**
8	San Antonio	TX	$8	$42	$12	**$62**
9	Long Beach	CA	$8	$43	$12	**$62**
10	Tampa	FL	$6	$46	$9	**$61**
11	Mesa	AZ	$7	$40	$10	**$57**
12	Baltimore	MD	$8	$36	$11	**$55**
13	El Paso	TX	$6	$33	$9	**$48**
14	Oklahoma City	OK	$7	$29	$11	**$46**
15	Los Angeles	CA	$6	$30	$8	**$44**
16	Indianapolis	IN	$8	$22	$12	**$42**
17	Louisville	KY	$6	$24	$9	**$39**
18	Kansas City	MO	$5	$26	$8	**$39**
19	Dallas	TX	$5	$26	$7	**$39**
20	Washington	DC	$5	$25	$8	**$38**
21	Fort Worth	TX	$5	$25	$7	**$37**
22	Omaha	NE	$7	$21	$10	**$37**
23	Philadelphia	PA	$6	$22	$9	**$37**
24	Chicago	IL	$6	$20	$9	**$36**
25	Houston	TX	$4	$23	$7	**$34**
26	Milwaukee	WI	$6	$18	$9	**$33**
27	Tulsa	OK	$5	$20	$7	**$33**
28	Albuquerque	NM	$6	$16	$9	**$32**
29	Arlington	TX	$4	$21	$6	**$31**
30	Columbus	OH	$4	$18	$7	**$28**
31	Denver	CO	$4	$13	$6	**$24**
32	Detroit	MI	$4	$13	$6	**$24**
33	Nashville	TN	$4	$12	$6	**$22**

#	City	State	Dishwasher	Water heater	Laundry	Total / yr
34	Minneapolis	MN	$4	$12	$6	**$22**
35	Austin	TX	$3	$15	$4	**$22**
36	Virginia Beach	VA	$2	$11	$4	**$17**
37	Oakland	CA	$2	$9	$2	**$12**
38	Memphis	TN	$2	$6	$3	**$10**
39	New York	NY	$1	$7	$2	**$10**
40	Charlotte	NC	$1	$7	$2	**$10**
41	Bakersfield	CA	$1	$7	$2	**$10**
42	Atlanta	GA	$1	$6	$2	**$10**
43	Sacramento	CA	$1	$6	$2	**$9**
44	Colorado Springs	CO	$2	$5	$2	**$9**
45	San Francisco	CA	$1	$6	$2	**$9**
46	Seattle	WA	$1	$5	$2	**$9**
47	Raleigh	NC	$1	$6	$2	**$8**
48	Boston	MA	$1	$5	$1	**$7**
49	Portland	OR	$1	$3	$1	**$4**
50	Fresno	CA	$0	$3	$1	**$4**

Sources: water hardness USGS/EPA Water Quality Portal; detergent savings WQRF dishwasher & laundry studies; water-heater efficiency loss PNNL/DOE (Battelle); gas prices EIA 2024. Hardness for Miami, Long Beach and Baltimore is a county-level estimate; Fresno is computed from calcium + magnesium. Assumes a gas water heater and 80 gallons/day household hot water.

Full study: dishwashingpicks.com/hard-water-cost