Nuclear Regulatory Commission
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U.S. Census Bureau

American Housing Survey (AHS)

2009 AHS National Alterations and Replacements Tables

The AHS Alterations and Replacements Tables were redesigned for 2009; the tables now show median costs for each individual job.

	Supplement to the American Housing Survey 2009
	Owner Occupied Units
Additions to Residential Structures	Table 1 Excel (46k)
Alterations Within Residential Structures, Major Replacements, Maintenance, Repairs and Other Work	Table 2 Excel (84k)
Additions and Alterations Outside Residential Structures	Table 3 Excel (40k)

Contact the American Housing Survey Branch by email or by phone at 301-763-3235 or 1-888-518-7365, or visit ask.census.gov for further information on American Housing Survey Data.

Source: U.S. Census Bureau, Housing and Household Economic Statistics Division

The following tables were taken from USCB AHS National Survey

Tables 1 and 2
Supplement to AHS Survey 2009, Owner-Occupied Units

Note: Yellow highlighting in tables was added by NRC staff for easy reference to relevant numbers.

Data can be found online at: http://www.census.gov/hhes/www/housing/ahs/ahs09alt/ahs09alt.html.

2009 American Housing Survey, National Alterations and Replacements
Table 1. Additions to Residential Structures -- Owner-Occupied Units

Characteristics	Total owner-occupied units	Region			
		Northeast	Midwest	South	West
Total Owner-Occupied Units	**76,428**	**13,378**	**18,249**	**29,193**	**15,607**
Total[1,2]					
Total Additions	3,333	532	844	1,309	648
Median cost	**3,500**	**5,000**	**4,000**	**3,000**	**4,000**
Inside Additions					
Bathroom	187	36	43	65	44
Median cost	**10,000**	**Z**	**Z**	**5,000**	**Z**
Kitchen	87	15	27	30	15
Median cost	**20,000**	**Z**	**Z**	**Z**	**Z**
Bedroom	293	44	60	128	61
Median cost	**40,000**	**Z**	**Z**	**19,700**	**60,000**
Other inside	555	72	158	224	102
Median cost	**15,000**	**18,000**	**15,000**	**10,000**	**19,500**
Outside Additions					
Attached garage	119	18	39	41	21
Median cost	**20,000**	**Z**	**Z**	**Z**	**Z**
Porch	583	116	125	237	106
Median cost	**2,000**	**2,000**	**1,500**	**2,000**	**2,000**
Deck	907	170	259	315	163
Median cost	**2,000**	**3,000**	**2,000**	**2,200**	**2,000**
Carport	160	1	14	126	19
Median cost	**1,700**	**Z**	**Z**	**2,200**	**Z**
Other outside	440	60	119	144	117
Median cost	**3,000**	**Z**	**2,500**	**3,000**	**2,000**

[1]The total number of jobs may be greater than the sum of jobs done/not done by household because the total may also include jobs where who did the work is not reported.

[2]Number of additions reported in the past two years.

Notes: Numbers in thousands. Weighting consistent with Census 2000. "X" means not applicable; "Z" means sample too small; "-- " means zero or rounds to zero.

2009 AHS National Alterations and Replacements

Table 2. Alterations Within Residential Structures, Major Replacements, Maintenance, Repairs and Other Work -- Owner-Occupied Units

Characteristics	Total owner-occupied units	Region			
		Northeast	Midwest	South	West
Total Owner-Occupied Units	**76,428**	**13,378**	**18,249**	**29,193**	**15,607**
Total[1,2]					
Total Jobs	100,341	17,804	27,209	35,207	20,122
Median cost	**2,700**	**2,900**	**2,700**	**2,650**	**2,530**
Created room:	2,355	488	795	679	392
Bathroom	329	58	127	82	62
Median cost	**4,000**	**Z**	**4,000**	**2,300**	**4,000**
Bedroom	490	86	157	157	90
Median cost	**3,000**	**3,000**	**1,500**	**3,000**	**5,000**
Recreation room	581	156	199	147	79
Median cost	**4,000**	**4,800**	**3,000**	**4,000**	**5,000**
Other inside	955	188	312	293	161
Median cost	**2,500**	**2,500**	**2,000**	**2,400**	**3,500**
Remodeled room:	9,126	1,640	2,363	3,177	1,946
Bathroom	5,081	966	1,411	1,635	1,069
Median cost	**2,000**	**3,000**	**2,000**	**2,000**	**2,500**
Kitchen	4,045	674	952	1,542	876
Median cost	**5,000**	**7,000**	**4,000**	**4,000**	**8,000**
Altered or renovated room:	1,892	357	527	553	455
Bathroom	443	77	123	128	114
Median cost	**4,000**	**7,000**	**3,000**	**2,000**	**5,000**
Bedroom	525	106	150	133	136
Median cost	**2,000**	**2,500**	**1,000**	**1,000**	**5,000**
Other	924	174	254	291	206
Median cost	**1,500**	**1,500**	**1,000**	**1,200**	**3,000**
Added or replaced:	82,600	14,850	22,476	28,547	16,727
Roofing	6,797	1,229	2,044	2,504	1,020
Median cost	**4,000**	**4,000**	**4,000**	**4,000**	**4,500**
Siding	2,312	497	744	773	298
Median cost	**3,000**	**4,500**	**3,000**	**1,600**	**3,000**
Interior water pipes	3,245	625	898	1,023	699
Median cost	**350**	**300**	**260**	**300**	**650**

2009 AHS National Alterations and Replacements

Table 2. Alterations Within Residential Structures, Major Replacements, Maintenance, Repairs and Other Work -- Owner-Occupied Units

Characteristics	Total owner-occupied units	Region			
		Northeast	Midwest	South	West
Electrical wiring, fuse boxes or breaker switches	4,913	1,044	1,361	1,453	1,055
Median cost	**450**	**600**	**350**	**300**	**700**
Doors or windows	8,947	1,851	2,702	2,582	1,812
Median cost	**1,000**	**1,000**	**1,000**	**900**	**1,500**
Plumbing fixtures (e.g., sinks or bathtubs)	8,278	1,556	2,138	2,716	1,868
Median cost	**300**	**300**	**300**	**300**	**400**
Insulation	3,675	806	1,138	1,005	726
Median cost	**500**	**500**	**350**	**500**	**500**
Security system	2,300	319	402	1,080	499
Median cost	**400**	**500**	**400**	**350**	**400**
Wall-to-wall carpeting	5,108	831	1,553	1,683	1,042
Median cost	**1,300**	**1,100**	**1,200**	**1,300**	**1,700**
Flooring (e.g., wood, tile, marble or vinyl)	9,696	1,583	2,479	3,726	1,908
Median cost	**1,000**	**1,000**	**600**	**1,000**	**1,500**
Paneling or ceiling tiles	4,134	835	1,250	1,281	768
Median cost	**400**	**400**	**300**	**450**	**500**
Central air conditioning	3,991	384	784	2,183	641
Median cost	**3,000**	**4,000**	**2,500**	**3,000**	**4,000**
Heating equipment (e.g., furnace, boiler, duct work or radiators)	4,486	974	1,277	1,448	786
Median cost	**2,700**	**3,000**	**2,500**	**2,750**	**2,700**
Septic tank	356	76	103	142	35
Median cost	**3,000**	**5,000**	**3,500**	**2,000**	**Z**
Water heater	6,646	1,151	1,757	2,322	1,416
Median cost	**500**	**600**	**500**	**400**	**600**
Dishwasher	4,633	817	1,105	1,558	1,153
Median cost	**500**	**460**	**450**	**400**	**500**
Garbage disposal	3,081	271	740	1,069	1,001
Median cost	**125**	**150**	**120**	**120**	**125**

[1]The total number of jobs may be greater than the sum of jobs done/not done by household because the total

[2]Number of jobs reported in the past two years.

Notes: Numbers in thousands. Weighting consistent with Census 2000. "X" means not applicable; "Z" means sample too small; "-- " means zero or rounds to zero.