

## Component Costs

<b>Roofing - Flashings - Chimneys</b>	
Install conventional asphalt shingles over existing shingles	\$1.25 - \$2 / sq. ft.
Strip and re-shingle with conventional shingles	\$2.50 - \$3.50 / sq. ft
Strip and re-roof with cedar shingles	\$5 - \$7 per sq. ft.
Strip and replace built-up tar and gravel roof	\$4 - \$6 / sq. ft.
Strip and replace single-ply membrane	\$4 - 6 / sq. ft.
Re-flash typical chimney	\$300 - \$500
Re-flash typical skylight	\$300 - \$500
Rebuild typical chimney above roof line	\$100-\$200 / lin. ft.
Repoint typical chimney above roof line	\$20-\$30 / row
Exterior Install galvanized or aluminum gutters and downspouts	\$3 - \$5 / lin. ft.
<b>Soffits – Fascia’s - Repointing - Water Proofing</b>	
Install aluminum soffits and fascia	\$8 - \$12 / lin. ft
Install aluminum or vinyl siding	\$3 - \$4.50 / sq. ft.
Repoint exterior wall (soft mortar)	\$3 - 4.50 / sq. ft
Repoint exterior wall (hard mortar)	\$6 - \$8 / sq. ft.
Slurry (parge) coat on foundation walls	\$3 - \$4 / sq. ft.
Damp proof foundation walls and install weeping tile	\$60-\$120 / lin. ft.
<b>Garages - Decks - Retaining Walls - Foundation</b>	
Install a deck	\$20- \$60 / sq. ft.
Rebuild exterior basement stairwell	\$3500 - \$5000
Build detached garage(single)	\$12000 and up
Build detached garage (double)	\$16000 and up
Build retaining wall (wood)	\$45 - \$85 /sq. ft.
Build retaining wall (concrete)	\$60 - \$80 / sq. ft.
Structure Underpin one corner of house	\$3500 and up
Underpin or add foundations	\$550 + /lin. ft.
Lower basement floor by underpinning and/or bench footings	\$350-\$500 / lin. ft.
Replace deteriorating sill beam with concrete	\$60 and up/ lin. ft.
Install basement support post with proper foundation	\$300 - \$550
Perform chemical treatment for termites	\$500 and up
Repair minor crack in poured concrete foundation	\$400 - \$800
<b>Electric Repairs - Upgrades</b>	

Electrical Upgrade electrical service to 100 amps	\$1500-1900
Upgrade electrical service to 200 amps	\$1800 - \$2500
Install new circuit breaker panel	\$500 - \$800
Add 120 volt circuit	\$200 - \$350
Add 240 volt circuit	\$300 - \$550
Add conventional receptacle	\$75 - \$150
Replace conventional receptacle with ground fault circuit receptacle	\$60 - \$90
Rewire electrical outlet with reversed polarity (assuming electrician already there)	\$10 - \$15 ea.
Install conventional alarm system fire-burglar	\$1000 and up
<b>Heating Systems - Air Conditioning</b>	
Heating install mid-efficiency forced-air furnace	\$1700 - \$2500 (without ductwork/registers)
Install high-efficiency forced-air furnace	\$2500 - \$3500 (without ductwork/registers)
Install drum-type humidifier	\$200 - \$300
Install electronic air filter	\$500 - \$800
Install mid-efficiency boiler	\$2500 - \$4000
Install high-efficiency boiler	\$5000 - \$9000
Rebuild firepot (refractory) on boiler	\$500 - \$800
Install circulating pump	\$400 - \$600
Install chimney liner	\$300 - \$700
Install set-back thermostat	\$100 - \$300
Remove oil tank from basement	\$200 - \$400
Remove abandoned underground oil tank	\$3500 and up
Replace radiator valve	\$75 - \$150
Add electric baseboard heater	\$250 - \$450
Convert from hot water heating to forced-air (cape)	\$8000 - \$10000
Convert from hot water heating to forced-air (two story)	\$15000 - \$20000
Clean ductwork	\$250 and up
Cooling/Heat Pumps Add central air conditioning on existing forced-air system	\$2000-\$3000
Add heat pump to forced-air system	\$3000-\$4000
Replace heat pump or air conditioning compressor	\$800 - \$1400
Install independent air conditioning system	\$8000 - \$15000
<b>Insulation</b>	
Insulation Insulate open attic to modern standards	\$1.50 - \$2.50 / sq. ft.
Blow insulation into flat roof, cathedral ceiling or wall cavity	\$2 - \$3.50 /sq. ft.

Improve attic ventilation	\$80 - \$120 per vent
<b>Plumbing</b>	
Plumbing Replace galvanized piping with copper (2 story with one bathroom)	\$3000 - \$4500
Replace water line to house	\$1500 - \$3500
Replace toilet	\$300 and up
Replace basin	\$200 and up
Replace bathtub, including ceramic tile	\$1500 and up
Install whirlpool bath	\$3000 and up
Retile bathtub enclosure	\$800 - \$1200
Replace leaking shower stall pan	\$1000 - \$1600
Rebuild tile shower stall	\$1500 - \$2500
Replace laundry tubs	\$250 - \$500
Remodel four-piece bathroom completely	\$6000 and up
Connect waste plumbing system to municipal sewers	\$3000 and up
Install submersible pump	\$800 and up
Install suction or jet pump	\$400 - \$600
Install modest basement bathroom	\$6000 and up
<b>Carpentry - Finish Work</b>	
Sand and refinish hardwood floors	\$2.50 - \$4 /sq. ft.
Interior add drywall over plaster	\$2.50-\$3.50 /sq. ft
Install replacement windows	\$400 - \$800 ea
Install storm windows	\$75 - \$200 ea.
Install skylight	\$800 and up
Remodel kitchen completely	\$8000 and up
Painting (trim only)	\$1500 - \$2500
Painting (trim and wall surfaces)	\$4500 and up
<b>Fireplaces - Stoves</b>	
Repoint chimney (2 story)	\$700 and up
Convert coal-burning fireplace to wood-burning unit	\$800 and up
Install masonry fireplace (if flue already roughed - in )	\$2000 and up
Install zero-clearance fireplace (including chimney)	\$2500 and up
Install glass doors on fireplace	\$300 and up
Install gas Insert into existing fireplace	\$2500 and up