

RSMMeans® Plumbing Cost Data



The latest cost data for reliable plumbing estimates

2014

37th annual edition *Cost data from the most quoted name in construction*

Plumbing Cost Data 2014



Catalog #60214

Price: \$194.95

Make the costs for plumbing jobs more predictable. RSMMeans has done the research to give you costs of time and materials for all types of plumbing projects. Piping insulation? Check. Suction diffusers? Check. Installing a thermosyphon hot water system? Check. Trust the cost guide that contractors and plumbing professionals have relied on for 37 years.

- Prepare estimates with confidence using the nation's most comprehensive source of plumbing costs.
 - Make the process of costing and calculating faster and easier.
 - Develop better work schedules using labor data—labor hours by unit, crew output, and productivity.
- Reduce the risk associated with under- or over-inflated estimates and cost overruns.

What you'll find inside:

- UPDATED! over 16,000 of unit costs and 1,800 assemblies costs for nearly every type of plumbing need
- NEW! Expanded data coverage for strap-on pipe outlets, children's water closets, gas-fired tubular infrared heaters, single stage sump pumps, and more
- Sample estimates in both print and electronic format to guide customization and improve accuracy
- City Cost Indexes and Location Factors for over 930 U.S. and Canadian locations
- Updated equipment rental costs, crew size projections, labor hours, and labor rates

Plus:

- Receive free quarterly cost index and key material price updates for a full year!

Your 2014 book includes:

- A full sample estimate designed to help you improve estimating accuracy
- Easy-to-follow "How RSMMeans Data Works" pages

Plumbing Cost Data 2014

22 05 Common Work Results for Plumbing

22 05 76 – Facility Drainage Piping Cleanouts

22 05 76.20 Cleanout Tees		Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
5000	PVC, DWV									
5010	Cleanout tee, 1-1/2" pipe size	1 Plum	15	.533	Eq.	12.75	30.50		43.25	60.50
5020	2" pipe size	Q-1	27	.593		14.85	30.50		45.35	63
5030	3" pipe size		21	.762		29	39.50		68.50	91
5040	4" pipe size		16	1		51.50	52		103.50	135
5090	Cleanout plug, 1-1/2" pipe size	1 Plum	32	.250		3.04	14.40		17.44	25
5100	2" pipe size	Q-1	56	.286		3.30	14.80		18.10	
5110	3" pipe size		36	.444		6.05	23		29.05	
5120	4" pipe size		30	.533		8.90	27.50		36.40	
5130	6" pipe size		24	.667		29.50	34.50		64	
5170	Cleanout adapter fitting, 1-1/2" pipe size	1 Plum	32	.250		4.06	14.40		18.46	
5180	2" pipe size	Q-1	56	.286		5.20	14.80		20	
5190	3" pipe size		36	.444		14.70	23		37.70	
5200	4" pipe size		30	.533		23.50	27.50		51	
5210	6" pipe size		24	.667		70.50	34.50		105	
5300	Cleanout tee, with plug									
5310	4"	Q-1	14	1.143	Eq.	74	59		133	
5320	6"	"	8	2		63	104		167	
5330	8"	Q-2	11	2.182		132	117		249	
5340	12"	"	10	2.400		320	129		449	
5400	Polypropylene, Schedule 40									
5410	Cleanout tee with plug									
5420	1-1/2"	1 Plum	10	.800	Eq.	35.50	46		81.50	
5430	2"	Q-1	17	.941		38	49		87	
5440	3"		11	1.455		80.50	75.50		156	
5450	4"		9	1.778		109	92		201	

How RSMeans Unit Price Data Works

All RSMeans unit price data is organized in the same way. It is important to understand the structure, so that you can find information easily and use it correctly.

RSMeans **Line Numbers** consist of 12 characters, which identify a unique location in the database for each task. The first 6 or 8 digits conform to the Construction Specifications Institute MasterFormat® 2012. The remainder of the digits are a further breakdown by RSMeans in order to arrange items in understandable groups of similar tasks. Line numbers are consistent across all RSMeans publications, so a line number in any RSMeans product will always refer to the same unit of work.

RSMeans engineers have created **reference** information to assist you in your estimate. If there is information that applies to a section, it will be indicated at the start of the section. In this case, R033105-10 provides information on the proportionate quantities of formwork, reinforcing, and concrete used in cast-in-place concrete items such as footings, slabs, beams, and columns. The Reference Section is located in the back of the book on the pages with a gray edge.

22 07 Plumbing Insulation

22 07 16 – Plumbing Equipment Insulation

22 07 16.10 Insulation for Plumbing Equipment

0010 INSULATION FOR PLUMBING EQUIPMENT		Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
2900	Domestic water heater wrap kit									
2920	1-1/2" with vinyl pocket, 20-60 gal.	G	1 Plum	8	1	Eq.	18.60	57.50	76.10	
2925	50 to 80 gallons	G	"	8	1	"	23.50	57.50	81	

22 07 19 – Plumbing Piping Insulation

22 07 19.10 Piping Insulation

0010 PIPING INSULATION		Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0100	Rule of thumb, as a percentage of total mechanical costs				Job				10%	
0110	Insulation req'd is based on the surface size/area to be covered									
0230	Insulated protectors, (ADA)									
0235	For exposed piping under sinks or lavatories									
0240	Vinyl coated foam, velcro tabs									
0245	P Trap, 1-1/4" or 1-1/2"	1 Plum	32	.250	Eq.	44.50	14.40		58.90	
0260	Valve and supply cover									
0265	1/2", 3/8", and 7/16" pipe size	1 Plum	32	.250	Eq.	22	14.40		36.40	
0280	Tallpiece offset (wheelchair)									
0285	1-1/4" pipe size	1 Plum	32	.250	Eq.	18.20	14.40		32.60	
0400	Pipe covering (price copper tube one size less than IPS)									
1000	Mineral wool									
1010	Performed, 1200°F, plain									

03 30 Cast-In-Place Concrete

03 30 53 – Miscellaneous Cast-In-Place Concrete

03 30 53.40 Concrete In Place

0010 CONCRETE IN PLACE		Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0020	Including forms (4 uses), Grade 60 rebar, concrete (Portland cement Type I), placement and finishing unless otherwise indicated									
0050	Beams (3500 psi), 5 kip per L.F., 10' span									
0300	25' span									
0350	Chimney foundations (5000 psi), over 5 C.Y.									
0500	(3500 psi), under 5 C.Y.									
0700	Columns, square (4000 psi), 12" x 12", less than 2% reinforcing									
3450	Over 10,000 S.F.									
3500	Add per floor for 3 to 6 stories high									
3520	For 7 to 20 stories high									
3540	Equipment pad (3000 psi), 3' x 3' x 6" thick									
3550	4' x 4' x 6" thick									
3560	5' x 5' x 8" thick									
3570	6' x 6' x 8" thick									

RSMeans **Descriptions** are shown in a hierarchical structure to make them readable. In order to read a complete description, read up through the indents to the top of the section. Include everything that is above and to the left that is not contradicted by information below. For instance, the complete description for line 03 30 53.40 3550 is "Concrete in place, including forms (4 uses), Grade 60 rebar, concrete (Portland cement Type I), placement and finishing unless otherwise indicated; Equipment pad (3000 psi), 4' x 4' x 6" thick."

When using **RSMeans data**, it is important to read through an entire section to ensure that you use the data that most closely matches your work. Note that sometimes there is additional information shown in the section that may improve your price. There are frequently lines that further describe, add to, or adjust data for specific situations.

The data published in RSMeans print books represents a "national average" cost. This data should be modified to the project location using the **City Cost Indexes** or **Location Factors** tables found in the Reference Section (see pages 594-642). Use the location factors to adjust estimate totals if the project covers multiple trades. Use the city cost indexes (CCI) for single trade projects or projects where a more detailed analysis is required. All figures in the two tables are derived from the same research. The last row of data in the CCI, the weighted average, is the same as the numbers reported for each location in the location factor table.

Also Available Online and in eBook form!



Visit us online:

RSMeans offers an extensive line of cost data products in book, eBook, online, and CD format, along with professional development seminars, reference books, market analytics, and more. Visit www.rsmeans.com to learn what RSMeans can do for you!