

RSMeans® Building Construction Cost Data



More than 24,500 completely updated unit price lines

2014

72nd annual edition *Cost data from the most quoted name in construction*

Building Construction Cost Data 2014



Catalog #60014 Price: \$194.95

The 72nd edition of this bestselling cost guide has been updated and expanded to provide you with the information you need to:

- Estimate projects with confidence and accuracy
- Improve project planning and budgeting
- Reduce risk

Explore detailed construction costs, arranged in the CSI MasterFormat 2012 system, and leverage the resources available in the reference section to construct a winning estimate.

What you'll find inside:

- Completely updated and expanded with more than 24,500 unit costs for building components
- Sustainable construction costs
- City Cost Indexes and Location Factors for over 930 U.S. and Canadian locations
- Equipment rental costs
- Crew sizes, labor hours, and labor rates
- Detailed reference information

Plus:

- Get access to 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 RSMeans Data Works" pages

Building Construction Cost Data 2014

02 32 Geotechnical Investigations

02 32 19 - Exploratory Excavations

02 32 19.10 Test Pits	Crew	Daily Output	Labor-Hours	Unit	Material	2014 Bare Costs			Total Incl O&P
						Labor	Equipment	Total	
1010 Difficult access for rig, odd				Ht.				260	320
1020 Auger borings, drill rig, incl. samples				L.F.				26.50	33
1030 Hand auger								31.50	40
1050 Drill and sample every 5', split spoon								31.50	40
1060 Extra samples				Ex.				36	45.50

02 41 Demolition

02 41 13 - Selective Site Demolition

02 41 13.15 Hydrodemolition

02 41 13.15 Hydrodemolition	R024119-10	B-5	500	.112	S.F.	4.53	2.85	7.38
0015 Hydrodemolition, concrete pavement, 4000 PSI, 2" depth			450	.124		5.05	3.17	8.22
0120 4" depth			400	.140		5.65	3.56	9.21
0130 6" depth			410	.137		5.50	3.47	8.97
0410 6000 PSI, 2" depth			350	.160		6.45	4.07	10.52
0420 4" depth			300	.187		7.55	4.75	12.30
0430 6" depth			330	.170		6.85	4.32	11.17
0510 8000 PSI, 2" depth			280	.200		8.10	5.10	13.20
0520 4" depth			240	.233		9.45	5.95	15.40
0530 6" depth								

02 41 13.17 Demolish, Remove Pavement and Curb

02 41 13.17 Demolish, Remove Pavement and Curb	R024119-10	B-38	690	.058	S.Y.	2.41	1.86	4.27
0010 DEMOLISH, REMOVE PAVEMENT AND CURB			420	.095		3.96	3.05	7.01
5010 Pavement removal, bituminous roads, up to 3" thick			640	.063		2.60	2	4.60
5050 4" to 6" thick			255	.157		6.50	5	11.50
5100 Bituminous driveways			200	.200		8.30	6.40	14.70
5200 Concrete to 6" thick, hydraulic hammers, mesh reinforced			33	1.212	C.Y.	50.50	39	89.50
5300 Road reinforced			24	1.667	*	69.50	53.50	123
5400 Concrete, 7" to 24" thick, plain			1900	.025	S.F.	.98	.12	1.10
5500 Reinforced			1600	.030		1.16	.15	1.31
5600 With hand held air equipment, bituminous, to 6" thick			1400	.034		1.33	.17	1.50
5700 Concrete to 6" thick, no reinforcing			765	.063		2.43	.31	2.74
5800 Mesh reinforced			360	.067	L.F.	2.67	1.01	3.68
5900 Road reinforced			275	.087		3.50	1.33	4.83
6000 Curbs, concrete, plain			360	.067		2.67	1.01	3.68
6100 Reinforced			528	.045		1.82	.69	2.51
6200 Granite								
6300 Bituminous								

02 41 13.33 Minor Site Demolition

02 41 13.33 Minor Site Demolition	R024119-10	B-6	7	3.429	Ex.	138	52	190
0010 MINOR SITE DEMOLITION			4	6		241	91.50	332.50
0015 No hauling, abandon catch basin or manhole			13	1.846		74	28	102
0020 Remove existing catch basin or manhole, masonry						138	52	190
0030 Catch basin or manhole frames and covers, stored						7.25	4.33	11.58
0040 Remove and reset						12.70	7.60	20.30
0100 Roadside delineators, remove only						8.80	3.33	12.13
0110 Remove and reset								
0800 Guidewall, corrugated steel, remove only						22	8.35	30.35
0850 Remove and reset						10.45	2.07	12.52
0860 Guide posts, remove only						17.55	22.50	40.05
0870 Remove and reset								
0900 Hydrants, fire, remove only						365	96	461
0950 Remove and reset						915	241	1,156

How RSMeans Unit Price Data Works (Continued)

Sample Estimate

This sample demonstrates the elements of an estimate, including a tally of the RSMeans data lines, and a summary of the markups on a contractor's work to arrive at a total cost to the owner. The RSMeans Location Factor is added at the bottom of the estimate to adjust the cost of the work to a specific location.

Project Name: Pre-Engineered Steel Building		Architect: As Shown		
Location:	Anywhere, USA			
Line Number	Description	Qty	Unit	Material
03 30 53.40 3940	Strip footing, 12" x 24", reinforced	34	C.Y.	\$4,624.00
03 30 53.40 3950	Strip footing, 12" x 36", reinforced	15	C.Y.	\$1,950.00
03 11 13.65 0300	Concrete slab edge forms	500	L.F.	\$155.00
03 22 11.15 0200	Welded wire fabric reinforcing	150	C.S.F.	\$2,580.00
03 31 13.35 0300	Ready mix concrete, 4000 psi for slab on grade	278	C.Y.	\$28,912.00
03 31 13.70 4300	Place, strike off & consolidate concrete slab	278	C.Y.	\$0.00
03 35 13.30 0250	Machine float & trowel concrete slab	15,000	S.F.	\$0.00
03 15 16.20 0140	Cut control joints in concrete slab	950	L.F.	\$57.00
03 39 23.13 0300	Sprayed concrete curing membrane	150	C.S.F.	\$1,642.50
Division 03 Subtotal				\$39,920.50
08 36 13.10 2850	Manual 10' x 10' steel sectional overhead door	8	Ea.	\$8,800.00
08 36 13.10 2860	Insulation and steel back panel for OH door	800	S.F.	\$3,760.00
Division 08 Subtotal				\$12,560.00
13 34 19.50 1100	Pre-Engineered Steel Building, 100' x 150' x 24'	15,000	SF Fr.	\$0.00
13 34 19.50 6050	Framing for PESS door opening, 3' x 7'	4	Oprng.	\$0.00
13 34 19.50 6100	Framing for PESS door opening, 10' x 10'	8	Oprng.	\$0.00
13 34 19.50 6200	Framing for PESS window opening, 4' x 3'	6	Oprng.	\$0.00
13 34 19.50 5750	PESS door, 3' x 7', single leaf	4	Oprng.	\$2,340.00
13 34 19.50 7750	PESS sliding window, 4' x 3' with screen	6	Oprng.	\$2,250.00
13 34 19.50 6550	PESS gutter, eave type, 26 ga., painted	300	L.F.	\$2,010.00
13 34 19.50 6550	PESS roof vent, 12" wide x 10" long	15	Ea.	\$540.00
13 34 19.50 6900	PESS insulation, vinyl faced, 4" thick	27,400	S.F.	\$10,960.00
Division 13 Subtotal				\$18,100.00
Subtotal				\$70,580.50
Division 01 General Requirements @ 7%				4,940.64
Estimate Subtotal				\$75,521.14
Sales Tax @ 5%				3,776.06
Subtotal A				79,297.19
GC O & P				7,929.72
Subtotal B				87,226.91
Contingency @ 5%				
Subtotal C				
Bond @ \$12/1000 +10% O&P				
Subtotal D				
Location Adjustment Factor				
Grand Total				

Work Performed: The body of the estimate shows the RSMeans data selected, including line number, a brief description of each item, its take-off unit and quantity, and the bare costs of materials, labor, and equipment. This estimate also includes a column titled "Sub-Contract." This data is taken from the RSMeans column "Total Incl O&P" and represents the total that a subcontractor would charge a general contractor for the work, including the sub's markup for overhead and profit.

Division 1, General Requirements: This is the first division numerically, but the last division estimated. Division 1 includes project-wide needs provided by the general contractor. These requirements vary by project, but may include temporary facilities and utilities, security, testing, project cleanup, etc. For small projects a percentage can be used, typically between 5% and 15% of project cost. For large projects the costs may be itemized and priced individually.

Bonds: Bond costs should be added to the estimate. The figures here represent a typical performance bond, ensuring the owner that if the general contractor does not complete the obligations in the construction contract the bonding company will pay the cost for completion of the work.

Location Adjustment: RSMeans published data is based on national average costs. If necessary, adjust the total cost of the project using a location factor from the "Location Factor" table or the "City Cost Index" table. Use location factors if the work is general, covering multiple trades. If the work is by a single trade (e.g., masonry) use the more specific data found in the "City Cost Indexes."

This estimate is based on an interactive spreadsheet. A copy of this spreadsheet is located on the RSMeans website at <http://www.rsmeans.com/constructiondata/rsmeans/extras/546011>. You are free to download it and adjust it to your methodology.

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