

# Rsmeans Building Construction Cost Data

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Mechanical Costs with Rsmeans Data: 60022 - Rsmeans 2021-11-03

This expert cost guide gives you materials, equipment and labor costs to develop reliable cost estimates for even the most complex mechanical construction projects.

**Electrical Estimating Methods** - Wayne J. Del Pico 2014-11-17

Simplify the estimating process with the latest data, materials, and practices Electrical Estimating Methods, Fourth Edition is a comprehensive guide to estimating electrical costs, with data provided by leading construction database RS Means. The book covers the materials and processes encountered by the modern contractor, and provides all the information professionals need to make the most precise estimate. The fourth edition has been updated to reflect the changing materials, techniques, and practices in the field, and provides the most recent Means cost data available. The complexity of electrical systems can make accurate estimation difficult, but this guide contains all the necessary information in one place. An electrical estimate represents the total cost for materials, labor, overhead and profit, but accuracy is virtually impossible without a basic knowledge of the field, and real-world experience in the type of work required. Inaccurate estimates lead to problems with customer satisfaction, which often create payment issues. A thorough, complete, and accurate estimate is in the best interest of all parties involved in the work. Electrical Estimating Methods provides more than just data. Detailed discussions about the work itself help highlight factors that may escape notice, and access to the latest cost data helps tie everything together. Features include: Discussion of current equipment, materials, and processes Means data for both residential and commercial projects Case studies that illustrate best practices Online access to the latest Means data for fast access on the job The book discusses specific situations as well as general practices, and provides comprehensive guidance to the creation of a true, current, estimation of costs. For electrical contractors and estimators, Electrical Estimating Methods contains must-have content that simplifies the estimating process.

*Means Estimating Handbook* - RSMeans 2003-03-26

This comprehensive reference covers the full spectrum of technical data required to estimate construction costs. The book includes information on sizing, productivity, equipment requirements, code-mandated specifications, design standards and engineering factors.

**Heavy Construction Costs With RSMeans Data 2017** - Derrick Hale 2016-12-16

*R.S. Means Building Construction Cost Data* - 2005

Square Foot Costs with Rsmeans Data: 60059 - Rsmeans 2018-11

This easy-to-use guide gives you the building components required to develop accurate assemblies-level cost estimates, evaluate trade-off costs and verify unit price estimates. Be prepared to estimate any job with this indispensable cost reference. An accurate estimate of costs to build your particular project depends on location, project scope, specific components used and current market conditions.

**Plumbing Costs with Rsmeans Data: 60212** - Rsmeans 2021-11-09

The best value data set for Fire Protection and Plumbing Cost Data. Pricing for items typically used for a complete Fire Sprinkler system. Many types of Piping, fittings and fixtures for a variety of Plumbing installations. A small quantity of HVAC items that work in conjunction with the Plumbing Division. Great for Fire Protection and Plumbing contractors, who will never install items such as Doors and Walls.

**RSMeans Building Construction Cost Data 2015** - Stephen C. Plotner 2014-09-29

Get the confidence and know-how you need to deliver more accurate cost estimates and improve profitability. The 73rd 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 Access detailed construction costs, arranged in the CSI MasterFormat 2010 system, and leverage the resources available in the reference section to construct a winning estimate.

**2017 National Plumbing & HVAC Estimator** - James A. Thomson 2016-10

Manhours, labor and material costs for all common plumbing and HVAC work in residential, commercial, and industrial buildings. You can quickly work up a reliable estimate based on the pipe, fittings and equipment required. Every plumbing and HVAC estimator can use the cost estimates in this practical manual. Sample estimating and bidding forms and contracts also included. Explains how to handle change orders, letters of intent, and warranties. Describes the right way to process submittals, deal with suppliers and subcontract specialty work. Included in this edition: costs for ASME "H" or "U" stamped, LFUE certified 90% or better green certified boilers, costs for emission sensing and recording equipment for boilers, costs for self-contained roof-top DX air conditioning units, costs for heat recovery ventilators, roof exhaust fans, makeup air units, ventilation exhausters, energy-efficient exhauster arrays, air balance software, LEED certified boilers, residential heat pumps, LEED ce

Square Foot and UNIFORMAT Assemblies Estimating - R. S. Means 2001-08-17

Now completely updated and revised to the UNIFORMAT II classification of estimating, this book is an essential reference for anyone who creates conceptual, construction, or appraisal estimates. You will learn: Time-saving techniques for producing reliable conceptual estimates Step-by-step demonstration of building elements selection and its cost impact on the total budget How to use the RSMeans database for reliable feasibility studies and early project planning Also included is an overview of the CostWorks CD-ROM Square Foot and Assemblies Estimating software.

**RSMeans Cost Data** - RSMeans 2012-02-21

RSMeans Cost Data, Student Edition provides a thorough introduction to cost estimating in a self-contained print and online package. With clear explanations and a hands-on, example-driven approach, it is the ideal reference for students and new professionals who need to learn how to perform cost estimating for building construction. Features include: Commercial and residential construction cost data in print and online formats Complete how-to guidance on the essentials of cost estimating A supplemental website with plans, specifications, problem sets, and a full sample estimate With more than 930 Location Factors in the United States and Canada, the data includes up-to-date system prices for more than 100 standard assemblies and in-place costs for thousands of alternates—making it easy to customize budget estimates and compare system costs. UNIT PRICES (organized in MasterFormat 2010) 1 General Requirements 2 Existing Conditions 3 Concrete 4 Masonry 5 Metals 6 Woods, Plastics & Composites 7 Thermal & Moisture Protection 8 Openings 9 Finishes 10 Specialties 11 Equipment 12 Furnishings 13 Special Construction 14 Conveying Equipment 21 Fire Suppression 22 Plumbing 23 Heating, Ventilating & Air Conditioning 26 Electrical 27 Communications 28 Electronic Safety & Security 31 Earthwork 32 Exterior Improvements 33 Utilities ASSEMBLIES A Substructure B Shell C Interiors D Services E Equipment & Furnishings F Special Construction G Building Site Work REFERENCE INFORMATION Equipment Rental Costs Crews Cost Indexes Reference Tables Square Foot Costs

*Construction Project Scheduling and Control* - Saleh A. Mubarak 2010-10-26

An easy-to-follow guide to the theory and practice of project scheduling and control No matter how large or small the construction project, an efficient, well-thought-out schedule is crucial to achieving success. The schedule manages all aspects of a job, such as adjusting staff requirements at various stages, overseeing materials deliveries and

equipment needs, organizing inspections, and estimating time needs for curing and settling—all of which requires a deep understanding on the part of the scheduler. Written by a career construction professional, *Construction Project Scheduling and Control, Second Edition* has been fully revised with up-to-date coverage detailing all the steps needed to devise a technologically advanced schedule geared toward streamlining the construction process. Solved and unsolved exercises reinforce learning, while an overview of industry standard computer software sets the tone for further study. Some of the features in this Second Edition include: Focus on precedence networks as a viable solution to scheduling, the main part of project control The concepts of Dynamic Minimal Lag, a new CPM technique developed by the author A new chapter on schedule risk management By combining basic fundamentals with advanced techniques alongside the robust analysis of theory to enhance real-world applications, *Construction Project Scheduling and Control* is an ideal companion for students and professionals looking to formulate a schedule for a time-crunched industry in need of better ways to oversee projects.

*Heavy Construction Costs with Rsmeans Data* - Rsmeans 2019-12

With *Heavy Construction Costs*, you get costs for all types of heavy construction - from highways, bridges, utilizes, rails and marine projects, to sanitary and storm sewer projects. Unit costs for over 15,000 work items, assembly costs for over 2,000 work items, reference articles, crew tables and equipment rental tables to help you estimate new construction, demolition work, repairs, replacements and change orders.

*How to Estimate with RSMeans Data* - Saleh A. Mubarak 2012-04-04

Using North America's most recognized construction cost data from RSMeans, this step-by-step guide develops problem-solving skills through over 300 sample problems and exercises. All of the major construction items, including site work, concrete and masonry, wood and metal framing, doors and windows, and more are covered. Access to a password-protected web site is included, which contains the instruction version of RSMeans Cos/Works, the electronic version of RS Means Building Construction Cost Data, and sample building plans and spreadsheets, enabling you to practice creating a complete construction estimate.

**Residential and Light Commercial Construction Standards** - RSMeans 2008-06-26

A popular reference used daily by builders, contractors, architects, and owners, this guide is a unique collection of industry standards that define quality in construction. For contractors, subcontractors, owners, developers, architects, engineers, attorneys, and insurance personnel, it provides authoritative requirements and recommendations compiled from the nation's leading professional associations, industry publications, and building code organizations. New third edition is completely updated to the latest standards, codes, and trends. Coverage includes standards for concrete, masonry, framing, finish carpentry and cabinetry, insulation, roofing, windows and doors, drywall and ceramic tile, floor covering, plumbing, electrical, HVAC, and more. This one-stop reference is enhanced by helpful commentary from respected practitioners, including identification of items most frequently targeted for construction defect claims. FEATURES: This one-of-a-kind resource enables you to: Establish an acceptable quality of workmanship Resolve disputes and avoid litigation Train personnel in correct installation procedures Answer client questions and authority Easily find applicable building code information The nationwide team of editors includes leading contractors, engineers, architects and construction defect analysts. They provide practical installation tips, along with advice on how to avoid the most frequently cited defect claims.

*RSMeans Building Construction Cost Data 2014* - RSMeans Co. 2013-09-27

Get the confidence and know-how you need to deliver more accurate cost estimates and improve profitability. 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 Access detailed construction costs, arranged in the CSI MasterFormat 2010 system, and leverage the resources available in the reference section to construct a winning estimate. \* What you'll find inside: \* More than 24,000 unit costs for building components \* Equipment rental costs \* Crew sizes, labor hours, and labor rates \* Square foot costs \* Reference section with more than 90 reference tables, estimating aids, and technical data \* City Cost Indexes for over 900 locations in the U.S. and selected locations in Canada

*Building Construction Cost Data* - Stephen C Plotner 2017-10-31

Get the confidence and knowhow you need to deliver more accurate cost estimates and improve profitability. The 76th 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, and reduce risk.

**Open Shop Building Construction Costs With RSMeans Data 2017** - Robert J. Kuchta 2016-12-16

**Building Construction Cost Data** - Phillip R. Waier 2007-12-01

**Square Foot Costs with Rsmeans Data** - Rsmeans 2019-11

This easy-to-use guide gives you the building components required to develop accurate assemblies-level cost estimates, evaluate trade-off costs and verify unit price estimates. Be prepared to estimate any job with this indispensable cost reference. An accurate estimate of costs to build your particular project depends on location, project scope, specific components used and current market conditions.

**Estimating Building Costs for the Residential and Light Commercial Construction Professional** - Wayne J. Del Pico 2012-04-30

How to succeed in the construction business—step-by-step guidelines for estimating To be competitive, contractors and homebuilders need to know how to generate complete, accurate estimates for labor and material costs. This book guides readers through the entire estimating process, explaining in detail how to put together a reliable estimate that can be used not only for budgeting, but also for developing a schedule, managing a project, dealing with contingencies, and ultimately making a profit. Completely revised and updated to reflect the new CSIMasterFormat 2010™ system, the Second Edition of this practical guide describes estimating techniques for each building system and how to apply them according to the latest industry standards. Cost considerations and quantity takeoff and pricing are included for virtually every type of work found in residential and light commercial projects, from demolition, concrete, and masonry to windows and doors, siding, roofing, mechanical and electrical systems, finish work, and site construction. Complete with many new graphics and references to professional construction cost databases, the new edition provides experienced contractors and novices alike with essential information on: How to correctly interpret plans and specifications, reflecting updates to contract documents since the first edition Computer estimating techniques and new estimating software for performing quantity takeoff The best methods for conceptual estimating as well as the extremely useful topic of parametric estimating How to allocate the right amounts for profit and contingencies, and other hard-to-find professional guidance How a unit price estimate is built along with labor issues and budgeting for subcontractor work

**Construction Cost Estimating** - Len Holm 2021-04-08

*Construction Cost Estimating* equips a new generation of students and early-career professionals with the skills they need to bid successfully on projects. From developing bid strategies to submitting a completed bid, this innovative textbook introduces the fundamentals of construction estimating through a real-life case study that unfolds across its 24 chapters. Exercises at the end of each chapter offer hands-on practice with core concepts such as quantity take-offs, pricing, and estimating for subcontractor work. Online resources provide instant access to examples of authentic construction documents, including complete, detailed direct work estimates, subcontractor work estimates, general conditions estimates, markups, and summary schedules. Through its unique mix of real-world examples and classroom-tested insights, *Construction Cost Estimating* ensures that readers are familiar with the entire estimating process even before setting foot on the jobsite.

**Estimating Building Costs** - Calin M. Popescu 2003-04-22

Companies live or die on the basis of estimating their costs. Preparing estimates and bidding for new jobs is a complex and often costly process. There is no substitute for on the job training -- until now. Drawing on the authors' combined experience of more than 70 years, *Estimating Building Costs* presents state-of-the-art principles, practices, and techniques for assessing these expenditures that can be applied regardless of changes in the costs of materials, equipment, and labor. The book is an efficient and practical tool for developing contracts or controlling project costs. The authors cover the major components of the direct cost: estimating procedures and cost trends related to materials, construction equipment, and skilled and unskilled labor. They describe various types of building estimates encountered during the lifecycle of a project, as well as the role and accuracy of each. The book provides an

overview of the industry, cost indexes in use, approaches to preparing a detailed estimate, and an in-depth description of the organization and function of the estimating group. Including CSI Master Format and UniFormat codes, estimating forms, a list of available estimating software packages, a detailed construction site and investigation report, the book provides a cost estimating methodology that readers can tailor to their own organizational needs.

[Heavy Construction Costs with Rsmeans Data](#) - Rsmeans 2020-11-17

With Heavy Construction Costs, you get costs for all types of heavy construction - from highways, bridges, utilizes, rails and marine projects, to sanitary and storm sewer projects. Unit costs for over 15,000 work items, assembly costs for over 2,000 work items, reference articles, crew tables and equipment rental tables to help you estimate new construction, demolition work, repairs, replacements and change orders.

**How to Estimate with RSMeans Data** - RSMeans 2020-03-31

A practical, hands-on guide to real-world construction estimating How to Estimate with RSMeans Data is the only instructional book on construction cost estimating that uses the most popular source of construction cost data, RS Means. This updated fifth edition includes new coverage on the role of Building Information Modeling (BIM) in the estimating process, and over 300 sample problems and exercises that show you how to apply cost data to your building project based on the RS Means 2015 Building Construction Cost Data. The companion website provides access to RS Means CostWorks data, allowing you to use real-world numbers in your practice estimates, and the included Instructor's Manual provides step-by-step solutions to problems in the book. Focused on the practical aspects of estimating, this book emphasizes the application of estimating techniques—which are transferable to any estimating software—through problem solving and the ground-up creation of complete construction project estimates. Estimating skills are fundamental to the construction industry, and are applied by all parties at all levels throughout the industry. This book is a hands-on guide to the techniques and tools used to create a thorough estimate, with plenty of opportunities for practice. Apply cost data to all aspects of the building project Practice your skills on over 300 sample problems Construct a complete estimate using RSMeans Besides being an essential construction skill, learning estimating helps you become familiar with reading and understanding construction blueprints and how construction assemblies are built. Mastery of these vital skills is important to your future career, and How to Estimate with RSMeans Data is your ideal guide to a solid foundation.

[Yardsticks for Costing](#) - Rsmeans 2018-02-10

Yardsticks for Costing is cost data for the Canadian construction industry. It has been prefigured for 8 major regions coastto coast, in metric and imperial. It contains all new 2018 current market unit costsmetric and imperialfor over 2,600 construction components, new 2018 composite unit rates for more than 300 installed systemsboth metric and imperialas well as new 2017 gross building costs for 35 typical structures at three quality levels: low, average and high.

[Square Foot Costs with Rsmeans Data: 60052](#) - Rsmeans 2021-11-15

This easy-to-use guide gives you the building components required to develop accurate assemblies-level cost estimates, evaluate trade-off costs and verify unit price estimates. Be prepared to estimate any job with this indispensable cost reference. An accurate estimate of costs to build your particular project depends on location, project scope, specific components used and current market conditions.

[Facilities Construction Costs with Rsmeans Data: 60202](#) - Rsmeans 2021-11-24

Facilities Construction Cost Data is devoted specifically to the needs of professionals responsible for the maintenance, construction and renovation of commercial, industrial, municipal and institutional properties. This reference provides immediate access to every imaginable cost associated with facilities construction and renovation, plus many common maintenance items with more than 48,000 unit price line items and thousands of assemblies.

**Residential Costs with Rsmeans Data** - Rsmeans 2020-10-20

Data aimed at estimating the cost of new single family residential construction. Designed for home owners, contractors, estimators,

architects and engineers. Featuring unit, assemblies and square foot prices.

[Means Building Construction Cost Data](#) - 1993

[RSMeans Mechanical Cost Data](#) - Rsmeans 2015-11-02

Means Mechanical Cost Data 2016 This expert reference guide gives you materials, equipment, and labor costs to develop reliable cost estimates for even the most complex mechanical construction projects.

**Heavy Construction Cost Data** - Rs Means 2008-12-01

With Means Heavy Construction Cost Data 2009, you get costs for all types of heavy construction—from highways, bridges, utilities, rails and marine projects, to sanitary and storm sewer projects—which lets you estimate a wider range of street and roadway construction. This cost data is excellent for D.O.C., J.O.C., S.A.B.E.R., and B.O.S. projects

[RSMeans Estimating Handbook](#) - RSMeans 2009-08-28

This comprehensive reference covers the full spectrum of technical data required to estimate costs for major construction projects. Widely used in the industry for tasks ranging from routine estimates to special cost analysis projects, the book has been completely updated and reorganized with new and expanded technical information. RSMeans Estimating Handbook will help construction professionals: Evaluate architectural plans and specifications Prepare accurate quantity takeoffs Compare design alternatives and costs Perform value engineering Double-check estimates and quotes Estimate change orders FEATURES: This new edition includes expanded coverage of: Construction specialties—green building, metal decking, plastic pipe, demolition items, and more Preliminary or square foot estimating tools Updated city cost indexes to adjust costs—by trade—for 30 major cities Historic indexes to factor costs for economic effects over time Complete reorganization to the newest CSI MasterFormat classification system

**National Construction Estimator** - 1953

[Facilities Construction Costs With RSMeans Data](#) - Rsmeans 2018-11-19

Facilities Construction Cost Data is devoted specifically to the needs of professionals responsible for the maintenance, construction and renovation of commercial, industrial, municipal and institutional properties. This reference provides immediate access to every imaginable cost associated with facilities construction and renovation, plus many common maintenance items with more than 48,000 unit price line items and thousands of assemblies.

**Open Shop Building Construction Costs with Rsmeans Data:**

**60152** - Rsmeans 2021-12-15

This data set incorporates the latest costs to accurately budget and estimate new commercial and residential construction, renovation work, change orders and cost engineering used in both Union and Non-Union shops and is aimed at estimating commercial and industrial projects or large multi-family housing projects costing \$3,500,000 and up.

[Labor Rates for the Construction Industry with Rsmeans Data](#) - Rsmeans 2018-12-19

This publication is good for anyone who needs to know breakdown of base and fringe pay by trade, current and historically. It helps to see how labor costs vary over the country and how they have changed over time.

**Rsmeans Building Construction Cost Data 2016** - Stephen C. Plotner 2015-11-02

The Building Construction Cost Data 2016 Get the confidence and know-how you need to deliver more accurate cost estimates and improve profitability. The 74th edition of this bestselling cost guide has been updated and expanded to provide you with the information you need to estimate projects, planning & budgeting.

[2022 National Building Cost Manual](#) - Ben Moselle 2021-09

**Construction Cost Indexes January 2022: 60142a** - Rsmeans 2022-02-15

The RSMeans Construction Cost Indexes are a means to compare costs from city to city, costs over time, and to localize the RSMeans national average construction costs.