

Concrete takeoff worksheet

ILLUSTRATIVE WORKSHEET - hypothetical inputs, not actual client work. Published October 13, 2026.

Convert slab dimensions into gross cubic yards, with reinforcement, formwork and project-specific adjustments reviewed separately.

Worked quantity example

A 40 ft x 30 ft slab at 0.5 ft thickness has a gross volume of 600 cubic feet. Dividing by 27 gives approximately 22.22 CY.

How quantities stay separate

Work item	Unit	Example quantity	Scope note
Gross slab concrete volume	CY	22.22	Before openings, thickened edges and waste
Slab reinforcement	LB	To measure	Use actual bar or mesh details
Slab-edge formwork	SF	To measure	Measure the specified formed surface
Footings or thickened edges	CY	To measure	Measure separately and avoid overlap

Using the Excel version

Amber cells hold editable project inputs. Quantity formulas update from the example dimensions or counts. Material and labor unit rates are blank. A line remains unpriced until all three numeric inputs are supplied; an explicit zero rate is accepted.

The subtotal remains unavailable while listed quantities or rates are missing. Different measurement units must not be added into one quantity.

Drawing and scope review

Record the actual project name, drawing issue, addenda and reviewer before replacing the hypothetical inputs.

Document register

Document required	Sheet / revision	Issue date
Structural plans, sections and slab-edge details	_____	_____
Reinforcement schedules and concrete specifications	_____	_____
Opening dimensions, foundation drawings and addenda	_____	_____

Review checks

1. Convert every dimension to a consistent length unit
2. Keep gross volume and deductions traceable
3. Separate slab, footing, wall and thickened-edge geometry
4. Document reinforcement, finish and formwork boundaries

Basis and limits

Gross geometric volume is not an order quantity. Openings, waste, over-excavation, thickened edges and field conditions require project-specific review.

Example inputs come from the existing educational trade/service examples on Commercial Estimate Pro. Prices, company project experience and client outcomes are not represented.

Related technical guidance

Concrete estimating guide

Rebar estimating guide

NIST unit conversion reference