



Building Valuation Data – AUGUST 2023

The International Code Council is pleased to provide the following Building Valuation Data (BVD) for its members. The BVD will be updated at six-month intervals, with the next update in February 2024. ICC strongly recommends that all jurisdictions and other interested parties actively evaluate and assess the impact of this BVD table before utilizing it in their current code enforcement related activities.

The BVD table provides the “average” construction costs per square foot, which can be used in determining permit fees for a jurisdiction. Permit fee schedules are addressed in Section 109.2 of the 2021 *International Building Code* (IBC) whereas Section 109.3 addresses building permit valuations. The permit fees can be established by using the BVD table and a Permit Fee Multiplier, which is based on the total construction value within the jurisdiction for the past year. The Square Foot Construction Cost table presents factors that reflect relative value of one construction classification/occupancy group to another so that more expensive construction is assessed greater permit fees than less expensive construction.

ICC has developed this data to aid jurisdictions in determining permit fees. It is important to note that while this BVD table does determine an estimated value of a building (i.e., Gross Area x Square Foot Construction Cost), this data is only intended to assist jurisdictions in determining their permit fees. This data table is not intended to be used as an estimating guide because the data only reflects average costs and is not representative of specific construction.

This degree of precision is sufficient for the intended purpose, which is to help establish permit fees so as to fund code compliance activities. This BVD table provides jurisdictions with a simplified way to determine the estimated value of a building that does not rely on the permit applicant to determine the cost of construction. Therefore, the bidding process for a particular job and other associated factors do not affect the value of a building for determining the permit fee. Whether a specific project is bid at a cost above or below the computed value of construction does not affect the permit fee because the cost of related code enforcement activities is not directly affected by the bid process and results.

Building Valuation

The following building valuation data represents average valuations for most buildings. In conjunction with IBC Section 109.3, this data is offered as an aid for the building official to determine if the permit valuation is underestimated. Again it should be noted that, when using this data, these are “average” costs based on typical construction methods for each occupancy group and type of construction. The average costs

include foundation work, structural and nonstructural building components, electrical, plumbing, mechanical and interior finish material. The data is a national average and does not take into account any regional cost differences. As such, the use of Regional Cost Modifiers is subject to the authority having jurisdiction.

Permit Fee Multiplier

Determine the Permit Fee Multiplier:

1. Based on historical records, determine the total annual construction value which has occurred within the jurisdiction for the past year.
2. Determine the percentage (%) of the building department budget expected to be provided by building permit revenue.
- 3.

$$\text{Permit Fee Multiplier} = \frac{\text{Bldg. Dept. Budget} \times (\%)}{\text{Total Annual Construction Value}}$$

Example

The building department operates on a \$300,000 budget, and it expects to cover 75 percent of that from building permit fees. The total annual construction value which occurred within the jurisdiction in the previous year is \$30,000,000.

$$\text{Permit Fee Multiplier} = \frac{\$300,000 \times 75\%}{\$30,000,000} = 0.0075$$

Permit Fee

The permit fee is determined using the building gross area, the Square Foot Construction Cost and the Permit Fee Multiplier.

$$\text{Permit Fee} = \text{Gross Area} \times \text{Square Foot Construction Cost} \times \text{Permit Fee Multiplier}$$

Example

Type of Construction: IIB

Area: 1st story = 8,000 sq. ft.

2nd story = 8,000 sq. ft.

Height: 2 stories

Permit Fee Multiplier = 0.0075

Use Group: B

1. Gross area:
Business = 2 stories x 8,000 sq. ft. = 16,000 sq. ft.
2. Square Foot Construction Cost:
B/IIB = \$231.65/sq. ft.
3. Permit Fee:
Business = 16,000 sq. ft. x \$231.65/sq. ft x 0.0075 = \$27,798

Important Points

- The BVD is not intended to apply to alterations or repairs to existing buildings. Because the scope of alterations or repairs to an existing building varies so greatly, the Square Foot Construction Costs table does not reflect accurate values for that purpose. However, the Square Foot Construction Costs table can be used to determine the cost of an addition that is basically a stand-alone building which happens to be attached to an existing building. In the case of such additions, the only alterations to the existing building would involve the attachment of the addition to the existing building and the openings between the addition and the existing building.
- For purposes of establishing the Permit Fee Multiplier, the estimated total annual construction value for a given time period (1 year) is the sum of each building's value (Gross Area x Square Foot Construction Cost) for that time period (e.g., 1 year).
- The Square Foot Construction Cost does not include the price of the land on which the building is built. The Square Foot Construction Cost takes into account everything from foundation work to the roof structure and coverings but does not include the price of the land. The cost of the land does not affect the cost of related code enforcement activities and is not included in the Square Foot Construction Cost.

Square Foot Construction Costs ^{a, b, c}

Group (2021 International Building Code)	IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
A-1 Assembly, theaters, with stage	335.89	324.58	316.94	304.93	286.87	278.00	295.62	266.02	257.55
A-1 Assembly, theaters, without stage	307.39	296.08	288.44	276.42	258.37	249.50	267.12	237.51	229.05
A-2 Assembly, nightclubs	269.94	261.93	254.48	245.85	230.56	223.99	237.02	209.57	202.79
A-2 Assembly, restaurants, bars, banquet halls	268.94	260.93	252.48	244.85	228.56	222.99	236.02	207.57	201.79
A-3 Assembly, churches	311.88	300.57	292.93	280.91	263.30	254.43	271.60	242.45	233.98
A-3 Assembly, general, community halls, libraries, museums	266.07	254.76	246.12	235.10	216.33	208.46	225.80	195.47	188.01
A-4 Assembly, arenas	306.39	295.08	286.44	275.42	256.37	248.50	266.12	235.51	228.05
B Business	260.69	251.13	241.86	231.65	210.99	202.73	222.56	186.21	177.81
E Educational	273.46	263.96	255.62	245.04	228.69	217.00	236.61	200.36	193.94
F-1 Factory and industrial, moderate hazard	160.20	152.78	143.34	138.64	123.55	117.41	132.48	102.44	95.93
F-2 Factory and industrial, low hazard	159.20	151.78	143.34	137.64	123.55	116.41	131.48	102.44	94.93
H-1 High Hazard, explosives	149.46	142.04	133.60	127.90	114.12	106.97	121.74	93.00	N.P.
H234 High Hazard	149.46	142.04	133.60	127.90	114.12	106.97	121.74	93.00	85.50
H-5 HPM	260.69	251.13	241.86	231.65	210.99	202.73	222.56	186.21	177.81
I-1 Institutional, supervised environment	262.22	252.95	244.31	235.67	215.42	209.47	235.71	193.82	187.73
I-2 Institutional, hospitals	434.15	424.59	415.32	405.12	383.35	N.P.	396.02	358.57	N.P.
I-2 Institutional, nursing homes	302.01	292.45	283.18	272.97	253.83	N.P.	263.88	229.05	N.P.
I-3 Institutional, restrained	295.86	286.31	277.03	266.83	247.95	238.69	257.74	223.17	212.77
I-4 Institutional, day care facilities	262.22	252.95	244.31	235.67	215.42	209.47	235.71	193.82	187.73
M Mercantile	201.37	193.36	184.91	177.28	161.72	156.15	168.45	140.73	134.95
R-1 Residential, hotels	264.67	255.41	246.77	238.13	218.35	212.40	238.17	196.75	190.67
R-2 Residential, multiple family	221.32	212.06	203.42	194.78	175.96	170.01	194.82	154.36	148.28
R-3 Residential, one- and two-family ^d	209.61	203.74	198.94	195.12	188.41	181.45	191.77	175.86	165.67
R-4 Residential, care/assisted living facilities	262.22	252.95	244.31	235.67	215.42	209.47	235.71	193.82	187.73
S-1 Storage, moderate hazard	148.46	141.04	131.60	126.90	112.12	105.97	120.74	91.00	84.50
S-2 Storage, low hazard	147.46	140.04	131.60	125.90	112.12	104.97	119.74	91.00	83.50
U Utility, miscellaneous	114.09	107.37	99.89	95.60	85.13	79.54	90.99	67.39	64.19

- Private Garages use Utility, miscellaneous
- For shell only buildings deduct 20 percent
- N.P. = not permitted
- Unfinished basements (Group R-3) = \$31.50 per sq. ft.

$$\text{USE TAX} = 0.03 \times 0.50 \times \text{TABLE VALUE} \times \text{SQARE FOOTAGE}$$

Resolution 2023-37: Attachment 2

IV. Table 1A - Fruita Building Inspections Fees

Fee #	Fee Description	Fee Value
1	<p>Applies to any project subject to the "Group" and "Type of Construction" identified by the 2003 International Building Code. The fee associated with any project type separately listed in this table will supersede this Permit Fee. Permit Fees generally include the permit and the inspections to support a project. Re-inspection and additional plan review fees may also apply.</p> <p>Plan Review Fees in addition to the Permit Fee: New Commercial Construction, Addition, or Alteration to the Commercial Building.</p> <p>New One and Two Family Residence (R-3): Applies to new one and two residential projects. The Fruita Building Department has the discretion to apply this fee or a portion thereof.</p> <p>Third Party Plan Review: The Fruita Building Department may require certain projects to have plan reviews completed by a third party. Any costs between the applicant and the third party reviewer are negotiated and charged directly between the parties. The Fruita Building Department may assess an additional fee associated for the Building Department's additional review.</p>	<p>Table 2</p> <p>Maximum 50% of the Value of the calculated Permit Fee as determined to be appropriate by the Building Department.</p> <p>Maximum 15% of the Value of the Calculated Permit Fee as determined to be appropriate by the Fruita Building Department.</p> <p>Maximum 20% of the Value of the Calculated Permit Fee as determined to be appropriated by the Fruita Building Department.</p>

Fees Related to Inspections

Fee#	Fee Description	Fee Value
2	Inspections outside of normal business hours (2 hour minimum)	\$50.00 per hour per person
3	Inspections or plan review for which no fee is specifically indicated	\$45.00 per hour per person
4	Re-inspection Fee	\$50.00 first re-inspection \$100.00 for addition re-inspection on same violation
5	Same day re-inspection if staff is available	\$100.00 in addition to required Re-inspection fee (4)
6	When inspections are required after Temporary Certificate of Occupancy expires Extensions before TCO expires	\$250.00
		\$100.00

Project Specific Permit Fees

Fee#	Fee Description	Fee Value
7	Demolition Permit	\$35.00
8	Move on Houses Permit Fee	Table 2
9	Signs Illuminated and Non-Illuminated Permit Fee	Table 2
10	Mechanical, Electrical, Plumbing, Hot Tubs, Pools & Spas Permit Fee	Table 2
11	Manufactured Homes Permit Fee	\$100.00
12	Manufactured Home on required Permanent Foundation Permit Fee	\$150.00
13	International Residential Code (IRC) Certified Homes Permit Fee	\$150.00
14	Office/ Construction Trailer Permit Fee	\$150.00 per section
15	Change in Use/ Occupation Valuation Permit Fee Under \$2,000 Valuation Over \$2,000 Valuation	\$35.00
		Table 2
16	Decks, Patio Covers, Storage Sheds & Open Carports Permit Fee Less than 400 sq. ft. in area and accessory to residences Plumbing, Electrical & Mechanical Over 400 sq. ft. in area: Valuation Calculated at \$15.00 per sq. ft.	\$35.00
		Table 2
		Table 2

Table 2 – Fruita Permit Fee Schedule

Total Valuation	Permit Fee (All Permit Fees Rounded up to the next dollar)
Up to \$500.00	\$35.00
\$500 to \$2,000	\$35.00 for the first \$500.00 plus \$2.20 for each additional \$100.00 or fraction thereof, to and including \$2,000
\$2,000 to \$25,000	\$68.00 for the first \$2,000.00 plus \$9.90 for each additional \$1,000.00 or fraction thereof, to and including \$25,000
\$25,000 to \$50,000	\$295.70 for the first \$25,000.00 plus \$7.20 for each additional \$1,000.00 or fraction thereof, to and including \$50,000
\$50,000 to \$100,000	\$475.70 for the first \$50,000.00 plus \$5.00 for each additional \$1,000.00 or fraction thereof, to and including \$100,000
\$100,000 to \$500,000	\$725.70 for the first \$100,000.00 plus \$3.90 for each additional \$1,000.00 or fraction thereof, to and including \$500,000
\$500,000 to \$1,000,000	\$2,285.70 for the first \$500,000.00 plus \$3.30 for each additional \$1,000.00 or fraction thereof, to and including \$1,000,000
\$1,000,000 And up	\$3,935.70 for the first \$1,000,000.00 plus \$2.20 for each additional \$1,000.00 or fraction thereof

Notes:

1. To determine the Total Valuation for new construction or additions, select the applicable Square Foot Construction Cost multiplier in Table 3A and 3B- Building Valuation Data. The product of the identified multiplier and the area, in square feet, of the outside dimension of the proposed construction project is the Total Valuation.
2. The Total Valuation for remodels is the actual labor and material cost of the project.

Table 3A - Building Valuation Data

Group	Type of Construction								
	IA	18	IIA	118	IIIA	1118	IV	VA	VB
A-1 Assembly, Theaters, with stage	160.69	153.29	149.76	143.55	133.59	132.90	138.98	123.75	119.25
A-1 Assembly, Theaters, without stage	148.41	141.02	137.48	131.28	121.31	120.63	126.71	111.47	106.98
A-2 Assembly nightclubs	118.34	115.03	112.14	107.94	100.98	99.751	104.00	91.98	88.94
A-2 Assembly, restaurants, bars, banquet halls	117.34	114.03	110.14	106.94	98.98	98.75	103.00	89.98	87.94
A-3 Assembly, churches	149.66	142.27	138.73	132.52	122.51	121.82	127.96	112.67	108.17
A-3 Assembly, general, community halls, libraries, museums	119.71	111.78	107.24	102.03	91.08	91.39	97.46	81.24	77.74
A-4 Assembly, arenas	117.34	114.03	110.14	106.94	98.98	98.75	103.00	89.98	87.94
B Business	119.85	115.54	111.79	106.56	95.15	94.65	102.31	84.79	81.61
E Educational	128.37	124.05	120.50	115.17	106.24	103.73	111.36	94.92	91.38
F-1 Factory and industrial, moderate hazard	74.13	70.68	66.42	64.36	55.62	56.61	61.75	47.42	45.06
F-2 Factory and industrial, low hazard	73.13	69.68	66.42	63.36	55.62	55.61	60.75	47.42	44.06
H-1 High Hazard, explosives	69.75	66.29	63.04	59.97	52.43	52.42	57.36	44.23	NP
H234 High Hazard	69.75	66.29	63.04	59.97	52.43	52.42	57.36	44.23	40.88
H-5 HPM	119.85	115.54	111.79	106.56	95.15	94.65	102.31	84.79	81.61
I-1 Institutional, supervised environment	119.19	115.10	112.01	107.47	98.61	98.56	104.22	90.64	87.06
I-2 Institutional incapacitated	200.36	196.04	192.30	187.07	175.32	NP	182.81	164.96	NP
I-3 Institutional, restrained	137.99	133.67	129.93	124.70	114.47	112.98	120.44	104.12	98.94

Group	Type of Construction								
	IA	IB	IIA	IIB	IIIA	IIIB	IV	VA	VB
1-4 Institutional, day care facilities	119.19	115.10	112.01	107.47	98.61	98.56	104.22	90.64	87.06
M Mercantile	88.15	84.83	80.95	71.74	70.26	70.02	73.81	61.26	59.22
R-1 Residential, hotels	120.33	116.24	113.15	108.61	99.80	99.75	105.41	91.83	88.25
R-2 Residential, multi-family	100.33	96.24	93.15	88.61	79.95	79.90	85.56	71.98	68.40
R-3 Residential, one and two-family	96.19	93.52	91.22	88.71	84.51	84.36	87.22	80.46	74.68
R-4 Residential, care/ assisted living facilities	119.19	115.10	112.01	107.47	98.61	98.56	104.22	90.64	87.06
S-1 Storage, moderate hazard	68.75	65.29	61.04	58.97	50.43	51.42	56.36	42.23	39.88
S-2 Storage, low hazard	67.75	64.29	61.04	57.97	50.43	50.42	55.36	42.23	38.88
U Utility, miscellaneous	52.28	49.43	46.49	44.17	38.31	38.31	41.69	31.50	29.99

Notes:

1. Private Garages use Utility, miscellaneous group
2. Unfinished basements (all use groups)= \$15.QQ per sq. ft.
3. For shell only building, deduct 20 percent
4. N.P. = Not Permitted
5. Complete unfinished residential basements \$40.QQ per sq. ft.
6. The values in this table are from the 2003 International Building Code (IBC). This reference to the 2003 IBC is intended to only apply to the values listed in this Table. For all other requirements of the Fruita Building Code, including the definition of any Group or Construction Type, the version of the IBC that applies is the one adopted by the Fruita Building Department.