

DOE Model Cost Comparison

DOE FIMS RPV Models	2019 Bldg Cost	2018 to 2019 %Increase/ Decrease	2020 Bldg Cost	2019 to 2020 % Increase/ Decrease	2021 Bldg Cost	2020 to 2021 % Increase/ Decrease	2022 Average Bldg Cost	2021 to 2022 % Increase/ Decrease Average	2023 Bldg Cost	2022 to 2023 % Increase/ Decrease Average
E01 Housing Small	\$ 143.33	103.8%	\$ 147.38	102.8%	\$ 154.30	104.7%	\$ 188.12	121.9%	\$ 189.29	100.6%
E02 Housing Large	\$ 151.31	103.0%	\$ 157.94	104.4%	\$ 161.39	102.2%	\$ 195.83	121.3%	\$ 190.75	97.4%
E03 Auditorium	\$ 185.35	103.5%	\$ 191.30	103.2%	\$ 198.53	103.8%	\$ 219.17	110.4%	\$ 217.24	99.1%
E04 Cafeteria - Dining Facility	\$ 163.98	103.7%	\$ 169.07	103.1%	\$ 174.70	103.3%	\$ 191.85	109.8%	\$ 193.09	100.6%
E05 Classroom Small	\$ 120.87	104.0%	\$ 125.70	104.0%	\$ 127.91	101.8%	\$ 144.57	113.0%	\$ 144.02	99.6%
E06 Classroom Medium	\$ 129.95	103.6%	\$ 134.77	103.7%	\$ 139.91	103.8%	\$ 158.23	113.1%	\$ 154.32	97.5%
E07 Fire Station 1 Story	\$ 128.51	103.8%	\$ 133.31	103.7%	\$ 134.81	101.1%	\$ 156.29	115.9%	\$ 153.48	98.2%
E08 Repair Garage	\$ 112.71	104.0%	\$ 117.20	104.0%	\$ 120.38	102.7%	\$ 135.04	112.2%	\$ 138.25	102.4%
E09 Hangar - Service Building	\$ 92.54	102.4%	\$ 96.98	104.8%	\$ 97.82	100.9%	\$ 113.75	116.3%	\$ 114.41	100.6%
E10 Indoor Firing Range	\$ 95.88	103.7%	\$ 99.49	103.8%	\$ 101.87	102.4%	\$ 116.70	114.6%	\$ 115.08	98.6%
E11 Laboratory - Office	\$ 155.89	104.3%	\$ 160.85	103.2%	\$ 166.39	103.4%	\$ 186.55	112.1%	\$ 187.87	100.7%
E12 Laundry	\$ 223.42	103.2%	\$ 235.62	105.5%	\$ 242.57	102.9%	\$ 274.96	113.4%	\$ 270.65	98.4%
E13 Library	\$ 150.84	103.4%	\$ 157.05	104.1%	\$ 159.09	101.3%	\$ 183.19	115.1%	\$ 180.31	98.4%
E14 Medical Facility - Clinic	\$ 161.33	104.3%	\$ 166.35	103.1%	\$ 169.62	102.0%	\$ 194.40	114.6%	\$ 197.53	101.6%
E15 Office Small 80,000 SF	\$ 128.68	103.2%	\$ 132.54	103.0%	\$ 134.21	101.3%	\$ 148.67	110.8%	\$ 146.96	98.8%
E16 Office Medium 80,000 - 150,000 SF	\$ 129.22	104.2%	\$ 132.01	102.2%	\$ 134.65	102.0%	\$ 151.42	112.5%	\$ 148.11	97.8%
E17 Office Large 150,000 - 350,000 SF	\$ 127.33	102.7%	\$ 132.84	104.3%	\$ 137.12	103.2%	\$ 166.78	121.6%	\$ 157.63	94.5%
E18 Parking Garage Above Grade	\$ 62.25	106.5%	\$ 64.12	103.0%	\$ 65.26	101.8%	\$ 94.14	144.3%	\$ 71.29	75.7%
E19 Parking Structure Below Ground	\$ 63.71	106.2%	\$ 65.46	102.7%	\$ 68.21	104.2%	\$ 83.08	121.8%	\$ 76.44	92.0%
E20 Swimming Pool Enclosed	\$ 202.97	104.4%	\$ 209.76	103.3%	\$ 218.83	104.3%	\$ 240.36	109.8%	\$ 237.21	98.7%
E21 Post Office	\$ 113.23	103.8%	\$ 117.28	103.6%	\$ 119.61	102.0%	\$ 131.49	109.9%	\$ 130.83	99.5%
E22 Recreation Center Gymnasium	\$ 153.29	103.1%	\$ 159.75	104.2%	\$ 162.89	102.0%	\$ 190.50	117.0%	\$ 184.96	97.1%
E23 Store Retail	\$ 100.67	104.2%	\$ 104.90	104.2%	\$ 108.36	103.3%	\$ 120.49	111.2%	\$ 120.17	99.7%
E24 Security Badging	\$ 149.62	103.4%	\$ 154.37	103.2%	\$ 156.81	101.6%	\$ 198.13	126.4%	\$ 178.87	90.3%
E25 Warehouse Storage	\$ 73.67	103.1%	\$ 76.85	104.3%	\$ 78.42	102.0%	\$ 91.97	117.3%	\$ 90.17	98.0%
E26 Bank Credit Union	\$ 182.08	103.5%	\$ 186.65	102.5%	\$ 189.92	101.8%	\$ 205.28	108.1%	\$ 212.45	103.5%
E27 Visitor Center	\$ 107.53	104.0%	\$ 111.22	103.4%	\$ 113.18	101.8%	\$ 129.76	114.6%	\$ 130.69	100.7%
E28 Office One Story	\$ 146.53	103.7%	\$ 150.88	103.0%	\$ 153.47	101.7%	\$ 167.36	109.1%	\$ 167.65	100.2%
E29 Warehouse, Mini	\$ 106.92	104.6%	\$ 111.17	104.0%	\$ 113.63	102.2%	\$ 130.26	114.6%	\$ 129.35	99.3%
E31 College, Dormitory, 2-3 Story	\$ 156.22	104.5%	\$ 161.12	103.1%	\$ 166.02	103.0%	\$ 186.16	112.1%	\$ 187.96	101.0%
E33 Lodge/Guest House	\$ 120.56	104.1%	\$ 123.99	102.8%	\$ 128.61	103.7%	\$ 151.03	117.4%	\$ 148.78	98.5%
E34 Apartment 1-3 Story	\$ 140.82	103.4%	\$ 146.39	104.0%	\$ 150.62	102.9%	\$ 191.98	127.5%	\$ 175.92	91.6%
E35 Apartment 4-7 Story	\$ 146.73	103.1%	\$ 153.21	104.4%	\$ 156.04	101.8%	\$ 188.03	120.5%	\$ 182.78	97.2%
E37 Hotel 4-7 Story	\$ 151.27	104.3%	\$ 156.93	103.7%	\$ 158.54	101.0%	\$ 208.52	131.5%	\$ 188.41	90.4%
E39 Telephone Exchange	\$ 134.15	103.6%	\$ 138.57	103.3%	\$ 146.30	105.6%	\$ 161.04	110.1%	\$ 160.04	99.4%

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N01 Bunker - Magazine	\$ 553.85	101.6%	\$ 590.15	106.6%	\$ 607.63	103.0%	\$ 675.15	111.1%	\$ 680.13	100.7%
N02 Communication - Telephone Center	\$ 148.34	103.2%	\$ 152.75	103.0%	\$ 155.52	101.8%	\$ 170.64	109.7%	\$ 170.14	99.7%
N03 Computer Center	\$ 277.49	103.7%	\$ 286.58	103.3%	\$ 293.22	102.3%	\$ 336.83	114.9%	\$ 321.70	95.5%
N04 Day Care Center	\$ 136.64	104.5%	\$ 140.08	102.5%	\$ 146.87	104.8%	\$ 174.41	118.8%	\$ 171.97	98.6%
N05 Explosives Handling	\$ 342.41	104.4%	\$ 356.15	104.0%	\$ 363.85	102.2%	\$ 408.24	112.2%	\$ 413.19	101.2%
N06 Hardened Storage	\$ 267.60	103.2%	\$ 278.97	104.2%	\$ 285.35	102.3%	\$ 339.53	119.0%	\$ 335.27	98.7%
N07 High-Bay Facility	\$ 213.94	103.0%	\$ 220.34	103.0%	\$ 224.08	101.7%	\$ 265.40	118.4%	\$ 251.13	94.6%
N08 Lab - Hard Engineered 80/20	\$ 301.90	103.6%	\$ 310.95	103.0%	\$ 316.93	101.9%	\$ 411.15	129.7%	\$ 386.64	94.0%
N09 Labs - Biology Environmental 80/20	\$ 319.60	103.4%	\$ 329.13	103.0%	\$ 335.99	102.1%	\$ 435.59	129.6%	\$ 408.22	93.7%
N10 Labs - Chemistry 80/20	\$ 347.13	103.4%	\$ 357.52	103.0%	\$ 364.07	101.8%	\$ 467.26	128.3%	\$ 439.95	94.2%
N11 Labs - Physics Computer 80/20	\$ 333.22	103.4%	\$ 343.44	103.1%	\$ 349.98	101.9%	\$ 406.24	116.1%	\$ 375.93	92.5%
N12 Labs - Test Blast 80/20	\$ 346.40	103.4%	\$ 357.09	103.1%	\$ 363.73	101.9%	\$ 468.93	128.9%	\$ 439.76	93.8%
N13 Machine Shop	\$ 225.86	103.2%	\$ 232.70	103.0%	\$ 237.46	102.0%	\$ 263.10	110.8%	\$ 258.94	98.4%
N14 Maintenance Shop	\$ 234.83	103.0%	\$ 242.57	103.3%	\$ 247.28	101.9%	\$ 277.14	112.1%	\$ 270.89	97.7%
N15 Paint Shop	\$ 233.18	103.2%	\$ 240.55	103.2%	\$ 245.33	102.0%	\$ 274.32	111.8%	\$ 269.09	98.1%
N16 Process Building with Pool	\$ 865.54	103.7%	\$ 896.19	103.5%	\$ 913.02	101.9%	\$ 1,285.30	140.8%	\$ 1,161.61	90.4%
N17 Process Building Small	\$ 219.84	103.0%	\$ 226.30	102.9%	\$ 230.34	101.8%	\$ 272.91	118.5%	\$ 249.95	91.6%
N18 Process Building Large	\$ 197.95	103.0%	\$ 204.49	103.3%	\$ 207.94	101.7%	\$ 249.48	120.0%	\$ 229.49	92.0%
N19 Records Storage Vault	\$ 230.64	104.0%	\$ 237.29	102.9%	\$ 243.09	102.4%	\$ 362.07	148.9%	\$ 272.61	75.3%
N21 Lab - Hard Engineered 50/50	\$ 309.28	103.4%	\$ 318.41	103.0%	\$ 323.85	101.7%	\$ 405.25	125.1%	\$ 381.45	94.1%
N22 Lab - Biology Environmental 50/50	\$ 304.34	103.3%	\$ 313.47	103.0%	\$ 319.60	102.0%	\$ 400.89	125.4%	\$ 379.87	94.8%
N23 Lab - Chemistry 50/50	\$ 303.71	103.3%	\$ 312.95	103.0%	\$ 319.29	102.0%	\$ 399.61	125.2%	\$ 378.95	94.8%
N24 Lab - Physics Computer 50/50	\$ 297.17	103.2%	\$ 306.19	103.0%	\$ 312.51	102.1%	\$ 360.70	115.4%	\$ 335.87	93.1%
N25 Lab - TestBlast 50/50	\$ 340.18	103.3%	\$ 350.58	103.1%	\$ 356.47	101.7%	\$ 443.20	124.3%	\$ 419.69	94.7%
N30 Office with Atrium (CEBA Facility)	\$ 212.86	103.9%	\$ 220.34	103.5%	\$ 224.55	101.9%	\$ 251.03	111.8%	\$ 255.95	102.0%
N31 High Radiation Examination Laboratory	\$ 697.82	103.8%	\$ 718.81	103.0%	\$ 756.52	105.2%	\$ 928.41	122.7%	\$ 885.27	95.4%
N32 KCP (Honeywell FM&T)	\$ 509.83	104.6%	\$ 526.17	103.2%	\$ 538.92	102.4%	\$ 625.53	116.1%	\$ 612.09	97.9%
N33 Office Trailer	\$ 160.25	104.0%	\$ 164.00	102.3%	\$ 167.41	102.1%	\$ 187.78	112.2%	\$ 186.20	99.2%
N34 Continuous Beam Accelerator Ring Facility	\$ 327.08	105.7%	\$ 337.93	103.3%	\$ 348.79	103.2%	\$ 459.83	131.8%	\$ 395.06	85.9%
N35 Pump Station	\$ 610.73	103.9%	\$ 638.00	104.5%	\$ 658.69	103.2%	\$ 724.28	110.0%	\$ 759.29	104.8%
N36 SNM Component Staging Facility	\$ 357.75	104.9%	\$ 369.03	103.2%	\$ 381.74	103.4%	\$ 448.37	117.5%	\$ 451.05	100.6%
N37 Assembly Cell	\$ 341.84	104.7%	\$ 351.93	103.0%	\$ 359.89	102.3%	\$ 409.98	113.9%	\$ 425.12	103.7%
N38 High Explosive Subassembly Facility	\$ 464.02	104.7%	\$ 479.64	103.4%	\$ 473.01	98.6%	\$ 570.86	120.7%	\$ 554.02	97.1%
N39 HE Machining Facility	\$ 478.75	105.1%	\$ 492.34	102.8%	\$ 505.70	102.7%	\$ 550.31	108.8%	\$ 552.24	100.4%
N40 Chilled Water Plant - 9,000T Centrifugal	\$ 1,455.84	104.1%	\$ 1,523.21	104.6%	\$ 1,588.23	104.3%	\$ 1,797.87	113.2%	\$ 1,841.78	102.4%
N41 Chilled Water Plant - 9,960T Absorbtion	\$ 2,230.69	103.4%	\$ 2,292.36	102.8%	\$ 2,361.69	103.0%	\$ 2,660.94	112.7%	\$ 2,672.24	100.4%
N42 Base Building Steam Power Plant	\$ 223.14	102.3%	\$ 230.15	103.1%	\$ 229.79	99.8%	\$ 273.74	119.1%	\$ 252.76	92.3%
N43 Steam Plant - Coal	\$ 2,013.03	103.1%	\$ 2,035.73	101.1%	\$ 2,021.87	99.3%	\$ 2,196.09	108.6%	\$ 2,127.19	96.9%
N44 Steam Plant - Gas	\$ 1,513.73	103.2%	\$ 1,515.09	100.1%	\$ 1,508.48	99.6%	\$ 1,657.75	109.9%	\$ 1,604.63	96.8%
N45 Steam Plant - Oil	\$ 1,729.33	103.1%	\$ 1,741.85	100.7%	\$ 1,733.23	99.5%	\$ 1,926.86	111.2%	\$ 1,889.73	98.1%
N46 Sewage Treatment Plant Support Building	\$ 187.99	102.9%	\$ 193.82	103.1%	\$ 197.10	101.7%	\$ 217.26	110.2%	\$ 211.97	97.6%

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N50 Office Trailer Mobile	\$ 173.56	New for 2019	\$ 176.33	101.6%	\$ 179.67	101.9%	\$ 205.98	114.6%	\$ 200.66	97.4%
N51 Office Trailer Single wide	\$ 181.01	New for 2019	\$ 185.14	102.3%	\$ 187.93	101.5%	\$ 212.02	112.8%	\$ 208.46	98.3%
N52 Office Trailer Double Wide	\$ 131.26	New for 2019	\$ 134.07	102.1%	\$ 136.37	101.7%	\$ 157.83	115.7%	\$ 149.74	94.9%
N53 Office Trailer Multiple (4) Units	\$ 123.96	New for 2019	\$ 125.67	101.4%	\$ 127.52	101.5%	\$ 148.36	116.3%	\$ 138.28	93.2%
N54 Office Trailer 20,000 SF	\$ 87.42	New for 2019	\$ 88.58	101.3%	\$ 89.73	101.3%	\$ 106.19	118.3%	\$ 95.91	90.3%
N55 Fire Station 2 Story	\$ 190.09	New for 2019	\$ 196.77	103.5%	\$ 198.98	101.1%	\$ 218.38	109.7%	\$ 223.54	102.4%
N56 Metal Building Shop 1,200 SF	\$ 231.36	New for 2019	\$ 240.17	103.8%	\$ 246.88	102.8%	\$ 279.97	113.4%	\$ 292.84	104.6%
N57 Metal Building Shop 36,000 SF	\$ 117.67	New for 2019	\$ 122.23	103.9%	\$ 123.39	100.9%	\$ 146.95	119.1%	\$ 143.44	97.6%
N58 Metal Building Shop 60,000 SF	\$ 114.47	New for 2019	\$ 119.02	104.0%	\$ 118.68	99.7%	\$ 140.63	118.5%	\$ 137.08	97.5%
N59 Metal Building Office 20,000 SF	\$ 98.53	New for 2019	\$ 101.88	103.4%	\$ 104.18	102.3%	\$ 126.32	121.3%	\$ 123.82	98.0%
N60 Metal Building Office 40,000 SF	\$ 78.89	New for 2019	\$ 81.40	103.2%	\$ 82.68	101.6%	\$ 98.79	119.5%	\$ 99.17	100.4%
N61 Metal Building Car Port	\$ 45.74	New for 2019	\$ 46.52	101.7%	\$ 48.29	103.8%	\$ 162.27	336.0%	\$ 55.31	34.1%
N62 Personel Gate Turnstile	\$ 196.74	New for 2019	\$ 205.57	104.5%	\$ 199.98	97.3%	\$ 264.00	132.0%	\$ 268.89	101.9%
N63 Metal Covered Walkway	\$ 252.57	New for 2019	\$ 258.86	102.5%	\$ 265.17	102.4%	\$ 409.86	154.6%	\$ 330.49	80.6%
N64 Lift Station Small MGD	\$ 95.00	New for 2019	\$ 99.69	104.9%	\$ 114.44	114.8%	\$ 142.95	124.9%	\$ 128.49	89.9%
N65 Lift Station Large MGD	\$ 150.71	New for 2019	\$ 179.58	119.2%	\$ 205.25	114.3%	\$ 263.42	128.3%	\$ 218.92	83.1%
N66 Substation Small	\$ 466.97	New for 2019	\$ 478.72	102.5%	\$ 469.52	98.1%	\$ 672.09	143.1%	\$ 551.69	82.1%
N67 Substation Large	\$ 421.35	New for 2019	\$ 429.70	102.0%	\$ 422.78	98.4%	\$ 585.32	138.4%	\$ 497.22	84.9%
N68 Office CIP 2 Story	\$ 150.55	New for 2019	\$ 156.55	104.0%	\$ 161.26	103.0%	\$ 183.48	113.8%	\$ 180.38	98.3%
N69 Office CIP 4 Story	\$ 135.35	New for 2019	\$ 140.93	104.1%	\$ 144.16	102.3%	\$ 161.64	112.1%	\$ 158.83	98.3%
N70 Shop CIP 24,000 SF	\$ 115.67	New for 2019	\$ 119.95	103.7%	\$ 122.64	102.2%	\$ 141.03	115.0%	\$ 138.55	98.2%
N71 Shop CIP 1 Story 42,000 SF	\$ 106.06	New for 2019	\$ 109.86	103.6%	\$ 112.65	102.5%	\$ 127.87	113.5%	\$ 127.17	99.5%
N73 Shaft With Elevator System	\$ 660.69	New for 2019	\$ 26,441.90	4002.2%	\$ 26,599.37	100.6%	\$ 44,850.90	168.6%	\$118,650.13	264.5%
N74 Tunnel Nevada Drift	\$ 946.58	New for 2019	\$ 1,026.59	108.5%	\$ 1,070.63	104.3%	\$ 2,336.96	218.3%	\$ 2,228.75	95.4%
N75 Underground Building	\$ 156.89	New for 2019	\$ 168.63	107.5%	\$ 173.66	103.0%	\$ 223.77	128.9%	\$ 199.79	89.3%
N76 Guard Shack, Metal			\$ 190.33	New for 2020	\$ 184.69	97.0%	\$ 258.02	139.7%	\$ 216.76	84.0%
N77 Guard Shack, Precast			\$ 331.95	New for 2020	\$ 329.36	99.2%	\$ 353.36	107.3%	\$ 346.46	98.0%
N78 Storage Shed, Open Sides, 300 SF			\$ 55.20	New for 2020	\$ 55.69	100.9%	\$ 84.08	151.0%	\$ 69.77	83.0%
N79 Storage Shed, Open Sides, 300 SF with Electricity			\$ 65.53	New for 2020	\$ 65.78	100.4%	\$ 83.28	126.6%	\$ 89.53	107.5%
N80 Storage Shed, Open Sides, 840 SF			\$ 50.20	New for 2020	\$ 50.91	101.4%	\$ 65.11	127.9%	\$ 59.45	91.3%
N81 Storage Shed, Open Sides, 840 SF with Electricity			\$ 53.89	New for 2020	\$ 54.81	101.7%	\$ 69.13	126.1%	\$ 63.43	91.8%
N82 Storage Shed, Enclosed Sides, 300 SF			\$ 74.33	New for 2020	\$ 76.82	103.3%	\$ 83.62	108.9%	\$ 91.55	109.5%
N83 Storage Shed, Enclosed Sides, 300 SF with Electricity			\$ 84.67	New for 2020	\$ 86.91	102.6%	\$ 127.81	147.1%	\$ 89.75	70.2%
N84 Storage Shed, Enclosed Sides, 840 SF			\$ 53.77	New for 2020	\$ 55.62	103.4%	\$ 81.54	146.6%	\$ 62.43	76.6%
N85 Storage Shed, Enclosed Sides, 840 SF with Electricity			\$ 57.46	New for 2020	\$ 59.23	103.1%	\$ 86.80	146.5%	\$ 67.35	77.6%
N86 Guard Tower, Metal			\$ 342.70	New for 2020	\$ 335.00	97.8%	\$ 379.52	113.3%	\$ 352.71	92.9%
N87 Guard Tower, Precast			\$ 484.32	New for 2020	\$ 479.67	99.0%	\$ 536.44	111.8%	\$ 478.91	89.3%
N88 High Security Nuclear Facility			\$ 1,554.13	New for 2020	\$ 1,586.87	102.1%	\$ 1,952.15	123.0%	\$ 1,910.56	97.9%
N89 Two Story Office Building, 5,000 SF to 20,000 SF					\$ 169.27	New for 2021	\$ 203.84	120.4%	\$ 201.64	98.9%
N90 One Story Office Building, 500 SF to 25,000 SF					\$ 127.20	New for 2021	\$ 148.81	117.0%	\$ 140.32	94.3%
N91 Storage Warehouse, 150 SF to 499 SF					\$ 173.05	New for 2021	\$ 185.28	107.1%	\$ 189.53	102.3%

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N92 Magazine Igloo 500 SF to 3,000					\$ 209.49	New for 2021	\$ 238.81	114.0%	\$ 246.31	103.1%
N93 Modular Office, 1,500 SF to 1,900 SF					\$ 193.32	New for 2021	\$ 283.24	146.5%	\$ 214.99	75.9%
N94 Trade Shops - 2,000 SF to 20,000 SF					\$ 126.19	New for 2021	\$ 145.65	115.4%	\$ 148.67	102.1%
N95 Storage Warehouse Building 500 SF to 2,000 SF					\$ 96.08	New for 2021	\$ 104.55	108.8%	\$ 104.29	99.8%
N96 Modular Office, 1,000 SF to 1,499 SF					\$ 198.80	New for 2021	\$ 291.57	146.7%	\$ 223.04	76.5%
N97 Magazine Igloo, 10 SF to 500 SF					\$ 220.84	New for 2021	\$ 246.09	111.4%	\$ 262.46	106.7%
N98 Utility Building, 900 SF to 40,000					\$ 129.55	New for 2021	\$ 155.58	120.1%	\$ 149.49	96.1%
N99 Ammunition Storage, 50 to 250 SF					\$ 465.53	New for 2021	\$ 708.28	152.1%	\$ 546.04	77.1%
N100 Ammunition Storage, 250 to 500 SF					\$ 288.15	New for 2021	\$ 322.85	112.0%	\$ 336.67	104.3%
N101 Hazardous Flammable Storage, 150 SF to 499 SF					\$ 42.61	New for 2021	\$ 49.16	115.4%	\$ 44.82	91.2%
N102 Storage Warehouse Fabric Shell 2400 to 12000 SF					\$ 52.58	New for 2021	\$ 56.06	106.6%	\$ 59.00	105.2%
N103 Storage Warehouse Building 8 to 149 SF					\$ 139.55	New for 2021	\$ 136.54	97.8%	\$ 134.51	98.5%
N104 Ammunition Storage, 2,500 to 4,500 SF					\$ 113.72	New for 2021	\$ 137.16	120.6%	\$ 131.35	95.8%
N105 Hazardous Flammable Storage, 8 SF to 149 SF					\$ 24.05	New for 2021	\$ 27.32	113.6%	\$ 25.55	93.5%
N106 Ammunition Storage, 1,500 to 2,500 SF					\$ 225.16	New for 2021	\$ 246.72	109.6%	\$ 254.83	103.3%
N107 Storage Warehouse Building 150 SF to 499 SF					\$ 144.44	New for 2021	\$ 223.14	154.5%	\$ 172.52	77.3%
N108 Modular Office, 500 SF to 999 SF					\$ 272.89	New for 2021	\$ 395.74	145.0%	\$ 304.49	76.9%
N109 Storage Warehouse Building 500 SF to 2,000 SF					\$ 123.64	New for 2021	\$ 148.69	120.3%	\$ 148.51	99.9%
N110 Mobile Office, 150 SF to 499 SF					\$ 125.86	New for 2021	\$ 141.77	112.6%	\$ 144.10	101.6%
N111 Ammunition Storage, 500 to 1,500 SF					\$ 177.40	New for 2021	\$ 194.94	109.9%	\$ 203.51	104.4%
N112 Hazardous Flammable Storage, 500 SF to 2,000 SF					\$ 207.37	New for 2021	\$ 274.42	132.3%	\$ 247.27	90.1%
N113 Partially Enclosed Shed Storage Small, 50 SF to 1,000 SF					\$ 50.43	New for 2021	\$ 79.47	157.6%	\$ 64.48	81.1%
N114 Partially Enclosed Shed Storage Large, 1,000 SF to 2,500 SF					\$ 45.07	New for 2021	\$ 50.07	111.1%	\$ 52.10	104.1%
N115 Modular Office, 2,000 SF to 3,000 SF					\$ 173.37	New for 2021	\$ 254.32	146.7%	\$ 193.27	76.0%
N116 Hazardous Flammable Storage, 2,000 SF to 10,000 SF					\$ 126.35	New for 2021	\$ 152.16	120.4%	\$ 149.37	98.2%
N117 Secure Storage, 500 SF to 2,500 SF					\$ 169.85	New for 2021	\$ 194.69	114.6%	\$ 197.07	101.2%
N118 Environmental Controlled Storage, 2,500 SF to 10,000 SF					\$ 79.21	New for 2021	\$ 95.45	120.5%	\$ 97.86	102.5%
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DOE N119 Hazardous Flammable Storage 12000 SF to 50000 SF							\$ 118.80	New for 2022	\$ 99.80	84.0%
DOE N120 Nuclear Contaminated Storage 250 SF to 1500 SF							\$ 274.22	New for 2022	\$ 209.01	76.2%
DOE N121 Nuclear Contaminated Storage 2000 SF to 25000SF							\$ 113.39	New for 2022	\$ 118.21	104.3%
DOE N122 Secure Storage 5000 SF to 25000 SF							\$ 113.94	New for 2022	\$ 110.15	96.7%
DOE N123 Small Storage Warehouse 8 SF to 150 SF							\$ 255.74	New for 2022	\$ 257.61	100.7%
DOE N124 New Bunkers Concrete Multi Compartment							\$ 199.12	New for 2022	\$ 203.22	102.1%
DOE N125 New Bunkers Concrete with metal doors small							\$ 530.21	New for 2022	\$ 415.62	78.4%
DOE N126 New Bunkers Concrete with metal doors medium							\$ 144.64	New for 2022	\$ 147.87	102.2%
DOE N127 New Bunkers Concrete with metal doors large							\$ 89.96	New for 2022	\$ 88.50	98.4%
DOE N128 New Bunkers Metal with metal doors small							\$ 929.92	New for 2022	\$ 792.49	85.2%
DOE N129 New Bunkers Metal with metal doors medium							\$ 371.61	New for 2022	\$ 313.92	84.5%
DOE N130 New Bunkers Metal with metal doors large							\$ 182.59	New for 2022	\$ 201.61	110.4%
DOE N131 Environmental Controlled Storage 10000 SF to 20000 SF							\$ 76.42	New for 2022	\$ 79.22	103.7%

DOE Model Cost Comparison

DOE FIMS RPV Models	2019 Bldg Cost	2018 to 2019 %Increase/ Decrease	2020 Bldg Cost	2019 to 2020 % Increase/ Decrease	2021 Bldg Cost	2020 to 2021 % Increase/ Decrease	2022 Average Bldg Cost	2021 to 2022 % Increase/ Decrease Average	2023 Bldg Cost	2022 to 2023 % Increase/ Decrease Average
DOE N132 Temperature and Humidity Warehouse 150 SF to 500 SF							\$ 310.78	New for 2022	\$ 248.92	80.1%
DOE N133 Temperature and Humidity Warehouse 2000 SF to 9000 SF							\$ 103.09	New for 2022	\$ 220.85	214.2%
DOE N134 Temperature and Humidity Warehouse 10000 SF to 20000 SF							\$ 84.41	New for 2022	\$ 294.47	348.9%
DOE N136 Environmental Controlled Storage 500 to 2000 SF							\$ 188.11	New for 2022	\$ 249.27	132.5%
DOE N137 Comfort Station 500 to 1200 SF							\$ 244.39	New for 2022	\$ 107.92	44.2%
DOE N138 Comfort Station Trailer 250 to 1000 SF							\$ 255.61	New for 2022	\$ 88.52	34.6%
DOE N139 Change House 5000 to 30000 SF							\$ 311.23	New for 2022	\$ 336.57	108.1%
DOE N140 Change Houset Trailer 250 to 1500 SF							\$ 224.16	New for 2022	\$ 177.05	79.0%
DOE N141 Communication Bld 50 to 500 SF							\$ 336.62	New for 2022	\$ 179.30	53.3%
DOE N142 Communication Bld 500 to 1500 SF							\$ 175.49	New for 2022	\$ 168.36	95.9%
DOE N143 Communication Bld 1500 to 20000 SF							\$ 177.47	New for 2022	\$ 146.03	82.3%
DOE N147 Conex with electrical 80 SF to 800 SF							\$ 68.26	New for 2022	\$ 69.09	101.2%
DOE N148 Mobile Maintenance Trailer							\$ 183.83	New for 2022	\$ 182.11	99.1%
DOE N169 Warehouse 2000 to 10000 SF							\$ 135.15	New for 2022	\$ 135.82	100.5%
DOE N171 Data Center 1300 to 30000 SF							\$ 368.19	New for 2022	\$ 111.14	30.2%
DOE N172 Data Center 40000 to 120000 SF							\$ 458.52	New for 2022	\$ 380.77	83.0%
DOE N173 Data Center 150000 to 350000 SF							\$ 380.29	New for 2022	\$ 237.37	62.4%
DOE N174 Dorm Barracks- Trailer 1000 to 2200 SF							\$ 252.79	New for 2022	\$ 447.49	177.0%
DOE N183 DAF Device Assembly Facility 172000 to 192000 SF							\$ 1,482.83	New for 2022	\$ 355.22	24.0%
DOE N184 Modular Warehouse 78 SF to 800 SF							\$ 169.04	New for 2022	\$ 513.55	303.8%
DOE N185 Modular Warehouse 900 SF to 1800 SF							\$ 125.18	New for 2022	\$ 172.71	138.0%
DOE N187 Plutonium Building 200000 to 300000 SF							\$ 1,346.58	New for 2022	\$ 309.47	23.0%
DOE N190 General Research Lab 50 to 999 SF							\$ 299.66	New for 2022	\$ 174.67	58.3%
DOE N191 General Research Lab 1000 to 49000 SF							\$ 173.86	New for 2022	\$ 141.35	81.3%
DOE N192 General Research Lab 50000 to 160000							\$ 140.62	New for 2022	\$ 189.30	134.6%
DOE N193 General Research Lab 500 to 15000 SF							\$ 187.87	New for 2022	\$ 1,572.98	837.3%
DOE N194 General Research Lab 1500 to 60000 SF							\$ 143.81	New for 2022	\$ 142.79	99.3%
DOE N195 General Research Lab 60000 to 200000 SF							\$ 133.97	New for 2022	\$ 132.76	99.1%
DOE N196 General Research Lab 10000 to 59999 SF							\$ 317.84	New for 2022	\$ 312.93	98.5%
DOE N197 General Research Lab 80000 to 200000 SF							\$ 115.18	New for 2022	\$ 129.65	112.6%
DOE N198 General Research Lab 40000 to 115000 SF							\$ 144.56	New for 2022	\$ 143.02	98.9%
DOE N199 General Research Lab 50000 to 170000 SF							\$ 135.95	New for 2022	\$ 133.98	98.6%
DOE N200 High Security Facility, 1,000 to 19,999 SF							\$ 381.64	New for 2022	\$ 89.69	23.5%
DOE N201 High Security Facility, 20,000 to 199,999 SF							\$ 150.51	New for 2022	\$ 298.64	198.4%
DOE N203 High Security Facility, 100,000 to 350,000 SF							\$ 157.88	New for 2022	\$ 150.49	95.3%
DOE N204 High Security Facility, 25,000 to 99,000 SF							\$ 162.17	New for 2022	\$ 139.84	86.2%
DOE N207 High Security Facility, 500,000 to 750,000 SF							\$ 114.13	New for 2022	\$ 114.04	99.9%
DOE N324 Canopy 1000 SF to 4900 SF							\$ 92.40	New for 2022	\$ 150.64	163.0%
DOE N188 Office 150 to 500 SF									\$ 289.53	New for 2023
DOE N220 Process Building 50 to 1400 SF									\$ 277.84	New for 2023
DOE N221 Process Building 1500 to 39000 SF									\$ 316.21	New for 2023

DOE Model Cost Comparison

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DOE N202 High Security Facility, 2 story, 2,000 SF to 99,000 SF									\$ 159.56	New for 2023
DOE N205 High Security Facility, 3 story, 100,000 SF to 199,999 SF									\$ 135.31	New for 2023
DOE N206 High Security Facility, 3 story, 200,000 SF to 450,000 SF									\$ 121.94	New for 2023
DOE N252 Storage Shed 20 to 499 SF									\$ 244.00	New for 2023
DOE N323 Canopy Small, 10 SF to 999 SF									\$ 239.54	New for 2023
DOE N222 Process Building, 2 story 2500 SF to 35000 SF									\$ 382.95	New for 2023
DOE N209 Assembly and Production, 3 story, 5000 SF to 50000 SF									\$ 301.97	New for 2023
DOE N210, Assembly & Production Building, 150 to 1,900 SF									\$ 624.15	New for 2023
DOE N223 Process Building, 3 story 10000 SF to 50000 SF									\$ 215.72	New for 2023
DOE N224 Processing Facility, 4 story 400000 SF to 600000 SF									\$ 101.60	New for 2023
DOE N211, Assembly & Production Building, 2,000 to 39,000 SF									\$ 308.47	New for 2023
DOE N212, Assembly & Production Building, 40,000 to 116,000 SF									\$ 217.89	New for 2023
DOE N213, Assembly & Production Building, 320,000 to 780,000 SF									\$ 183.36	New for 2023
DOE N214 Assembly & Production, 2 story 7000 SF to 40000 SF									\$ 267.74	New for 2023
DOE N215 Assembly & Production, 3 story 70000 SF to 450000 SF									\$ 216.91	New for 2023
DOE N216 Assembly & Production, 4 story 70000 SF to 450000 SF									\$ 221.07	New for 2023
DOE N217 Assembly & Production, 5 story 20000 SF to 50000 SF									\$ 272.89	New for 2023
DOE N218 Assembly & Production, 6 Story 20000 SF to 50000 SF									\$ 277.71	New for 2023
DOE N208, Assembly & Storage Building, 2 Story, 100,000 to 350,000 SF									\$ 108.61	New for 2023
DOE N225, Fabrication Facility, 400 to 15,000 SF									\$ 548.09	New for 2023
DOE N226, Fabrication Facility, 2,000 to 120,000 SF									\$ 244.59	New for 2023
DOE N227 Fabrication Facility, 2 Story, 15,000 SF to 20,000 SF									\$ 216.34	New for 2023
DOE N255 Nuclear Material Storage, 100000 SF to 200000 SF									\$ 102.17	New for 2023
DOE N260 Service Building 500 SF to 25000 SF									\$ 104.33	New for 2023
DOE N357 Communication Building, 2 story, 2000 to 20000 SF									\$ 311.24	New for 2023
DOE N358 Communication Building, 4 story, 2000 to 20000 SF									\$ 215.55	New for 2023
DOE N349 Office Building, 3 story 14000 SF to 150000 SF									\$ 244.62	New for 2023
DOE N219 Assembly Cell 3000 SF to 10000 SF									\$ 1,189.82	New for 2023
DOE N353 Trade Shops, 2 story, 20000 SF to 100000 SF									\$ 153.27	New for 2023
DOE N352 Shop Building, 2 story, 1000 SF to 20000 SF									\$ 221.75	New for 2023
DOE N354 Trade Shops, 3 story, 50,000 SF to 120,000 SF									\$ 156.72	New for 2023
DOE N265 Repair Shop 1000 SF to 60000 SF									\$ 377.27	New for 2023
DOE N347 Repair Garage, 2 story, 2000 SF TO 55000 SF									\$ 172.74	New for 2023
DOE N300 Specialized Training Building 10,000 SF to 60,000 SF									\$ 144.88	New for 2023
DOE N299 Specialized Training Building 250 SF to 9,999 SF									\$ 186.57	New for 2023
DOE N170 Modular Office 3,000 SF to 6,000 SF									\$ 166.02	New for 2023
DOE N296 Modular Cafeteria, 150 to 3,000 SF									\$ 178.25	New for 2023
DOE N325, Canopy Large, 5,000 SF to 40,000 SF									\$ 67.09	New for 2023
DOE N189 General Research Lab Trailer 100 SF to 2,000 SF									\$ 200.98	New for 2023
DOE N346 Modular Office Building 3,500 to 18,000 SF									\$ 146.35	New for 2023
DOE N293 Physical Fitness Facility 1,000 SF to 15,000 SF									\$ 143.55	New for 2023

DOE Model Cost Comparison

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DOE N307 Auditorium 3,000 SF to 15,000 SF									\$ 182.54	New for 2023
DOE N175 Dorm Barracks 1,000 SF to 15,000 SF									\$ 168.66	New for 2023
DOE N176 Dorm Barracks 2 Story 4,000 SF to 20,000 SF									\$ 149.71	New for 2023
DOE N256 Hazardous Waste Storage 5,000SF to 30,000 SF									\$ 84.82	New for 2023
DOE N241 Annular Core Research Reactor (ACRR), 6588									\$ 195.73	New for 2023
DOE N233, Z Research Lab, 983									\$ 237.81	New for 2023
DOE N257 Hazardous Waste Storage, 4 Story, 10,000 SF to 30,000 SF									\$ 128.46	New for 2023
DOE N258 Hazardous Waste Storage, 3 Story, 5,000 SF to 30,000 SF									\$ 203.46	New for 2023
DOE N259 Hazardous Waste Storage 500 to 1,000 SF									\$ 261.83	New for 2023
DOE N348 Service Structures, 50 SF to 25,000 SF									\$ 52.76	New for 2023
DOE N242, LANSCE Facility, 53-0003									\$ 896.10	New for 2023
DOE N238, Auxiliary Hot Cell Facility, (AHCF), 6597									\$ 360.95	New for 2023
DOE N264, Water Treatment Plant 63 to 5,000 SF									\$ 129.02	New for 2023
DOE N268 Gas Plants 1,000 SF to 3,500 SF									\$ 129.72	New for 2023
DOE N269 Central Utility Plant 500 SF to 30,000 SF									\$ 100.52	New for 2023
DOE N383 Sewer Plants 1,000 SF to 150,000 SF									\$ 64.73	New for 2023
DOE N386 Water Treatment Plant (GAC)									\$ 151.44	New for 2023
DOE N249, Ion Beam Laboratory, Bld 720									\$ 211.46	New for 2023
DOE N237 Gamma Irradiation Facility, Bld. # 6586									\$ 416.77	New for 2023
DOE N261 Utility Building 100 SF to 999 SF									\$ 391.27	New for 2023
DOE N247 Proton Stg. Ring Facility, 53-0008									\$ 360.31	New for 2023
DOE N351 Shop Building 250 SF to 1,900 SF									\$ 328.31	New for 2023
DOE N356 Change House 1,000 SF to 4,000 SF									\$ 335.50	New for 2023
DOE N389 Office Building, 3 story 200,000 SF to 500,000 SF									\$ 203.00	New for 2023
DOE N236 LANSCE-WNR Building, 53-007									\$ 189.03	New for 2023