

Reference from Model Code Publication	Significant differences between current code and most recent edition	Specific issues the updated code is designed to address	Change would require additional regulation or reduced regulation?	Expected fiscal impact	Health or safety concerns addressed by code
202	Updated definitions refining the distinction between a stage and a raised platform in assembly occupancies	Clarifies that a raised platform may have horizontal sliding curtains	reduces	(\$50,000)	Clarifies current code
202	Updated definitions of fire and preservative treated wood,	recognizes new lumber treatment technology	n/a	(\$50,000)	Updates code to recognize new technology
202	Definition of penthouse revised to include stairways	Clarifies that uppermost portion of a stairway to a roof is not a story	reduces	(\$10,000)	Clarifies current code
304.1	Clarification of the occupancy for small food processing establishments	Small food processing establishments, such as a bakery or catering kitchen less than 2,500 s.f. become a B-occupancy, easing the requirements for such small-scale operations.	reduces	(\$20,000)	Improves current code
304.1	Addition of training and skill development occupancies such as tutoring centers, and gymnastics studios to Business Group B.	These have frequently been interpreted to be assembly or educational occupancies under the current Indiana code, and have been the subject of a number of past variances as a result of the stricter classification.	reduces	(\$100,000)	Improves current code
307, 311	Distilleries, breweries, wineries, storage of beer, distilled spirits, wine in barrels or casks are no longer classified as group H	Clarifies code requirements for occupancies and uses currently not defined in Indiana code	reduces	(\$100,000)	Improves current code, recognizes marketplace changes
308.3	Revision of requirements for certain custodial care facilities	Aligns with common state licensing requirements. The changes include deleting outdated terms used in the code, and incorporation of new sub-categories to more closely align with common practices in the marketplace.	reduces	(\$50,000)	Updates code to recognize changes in marketplace and licensing regulations
310	Defines lodging houses, expands uses permitted in R4 occupancy	Allows owner-occupied lodging houses with five or fewer guest rooms to be regulated under residential code. Expands R-4 occupancies to include custodial care	reduces	(\$100,000)	Improves current code, recognizes marketplace changes
403.3	Water supply to fire pumps in tall mass timber buildings	Addresses issue of contribution to fire load of mass timber structures	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loophole
404	Numerous improvements in code requirements related to atriums	Clarifies requirements for issues such as egress travel through atriums, smoke control and horizontal assemblies	adds	\$0	Improves current code

406	New sections addressing private garages, including groupings of multiple private garages such as ones used in some multi-family housing developments	allows multiple small private garages to be grouped and classified as U occupancies if separated by fire barriers	reduces	(\$10,000)	Updates code to recognize marketplace changes
407	Shared domestic cooking facilities, and shared living space regulations relaxed	Relaxed requirements for shared living spaces, group meeting rooms, therapeutic spaces and shared domestic cooking facilities in occupancies such as nursing homes. The requirements in the current Indiana code for such spaces have been the subject of numerous variances.	reduces	(\$400,000)	Updates code to recognize changes in marketplace and licensing regulations
410.3.5	Horizontal doors at stage openings	Allows 1-hour rated horizontal sliding doors to be used a stage proscenium openings, instead of fire rated curtains	adds	(\$10,000)	Updates code to recognize new technology
411.5	Addition of puzzle rooms as a new occupancy type.	Commonly called "escape rooms", spaces such as these have been the subject of numerous variances because the current code is silent regarding these types of occupancies.	adds	(\$10,000)	Improves current code, recognizes marketplace changes, closes loopholes
	Clarification of occupancy type and requirements for energy storage systems				
414.2.3	Additional clarification to allow fire walls to be used to create multiple control rooms in high hazard occupancies.	Allows larger Group H occupancy buildings	reduces	\$0	Updates code to recognize new technology
422.7	Domestic cooking in ambulatory care facilities	Relaxes requirements for domestic cooking under certain conditions	adds	(\$5,000)	Updates code to recognize new technology and marketplace changes
423	Storm shelter requirements	Requires storm shelters in critical emergency operation facilities, and E occupancies	adds	\$100,000	Addresses shifting of tornado alley eastward to more populated areas, improves building resiliences, protects schools from tornadoes
424	Change in definition of and requirements for play structure occupancies	Expansion of play structure classifications to include uses for adults, such as rock-climbing walls, laser tag arenas, trampoline and skydiving facilities. Facilities such as these have been the subject of a number of past variances.	reduces	(\$20,000)	Updates code to recognize new technology and marketplace changes

503	Clarification of requirements for occupied roofs	Clarification of requirements for occupied roofs, including clarifying that they are not to be considered in the allowable story restrictions. Numerous buildings now have occupied roofs, and they are often used as an amenity in some developments. Repeated variances have had to address these as the current code is lacking in information regarding current marketplace trends.	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes
503, 504, 506	Revisions to the allowable height and area requirements	Makes code more user friendly. Formatting changes	n/a	\$0	Improves code
508, 509	Addition of fire classification requirements for mass timber structures		reduces		
505	Clarifications to the open mezzanine requirements	Makes it easier to incorporate enclosed mezzanines in multiple occupancy types	reduces	(\$50,000)	Updates code to recognize new technology
507	Basements in unlimited area buildings	Basements now allowed in unlimited area buildings	reduces	(\$100,000)	Updates code to recognize new technology
508.5	Reformatting and clarification of requirements for Live/Work Units.	The current Indiana code was the first version of the model code to define and address live/work units such as an art studio, chiropractor's office, or small funeral home which also include a private residence. More recent model codes have greatly enhanced and improved the code provisions for these types of facilities. Another example frequently seen in past variance applications to the Commission has been small, one-room school buildings with an apartment used by certain religious communities common in Indiana.	reduces	(\$10,000)	Updates code to recognize new technology and marketplace changes
510.2	Stairway construction in podium buildings	Allows combustible stairways to be used for the full height of the building. These types of buildings are commonly found in the largest cities in Indiana and are frequently the subject of multiple variances for each development	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes

510.2	Allowance of horizontal fire separations in buildings.	This was the subject of an Indiana amendment in the current code. New codes provide much more comprehensive allowances to allow different types of construction and occupancies to be considered as separate buildings within the same structure	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes
601, 602	Engineered lumber, cross laminated timber, and mass timber construction	Extensive coverage of new wood technology such as engineered lumber, cross laminated timber, and mass timber construction, and creation of new construction types related to such technology	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loopholes
603.1	Combustible materials in Type I & II construction	Allowance of freezers and coolers in Type I & II buildings to be constructed of combustible materials; Use of wood blocking in non-combustible roof decks and parapets allowed	reduces	(\$50,000)	Improves current code, recognizes marketplace changes
703.6, 703.7	Mass timber construction protection	Recognizes new test data for contribution time of mass timber alone and protected by non-combustible construction such as drywall membranes	reduces	\$0	Updates code to recognize new technology
704	Clarification as to protection of secondary members. Horizontal assemblies permitted to be protected with ceiling membrane	Eespecially in light frame construction such as Type VA apartments this issue is often a source of confusion and contradictory interpretations under the current code	reduces	(\$100,000)	Updates code to recognize new technology
707.5	Exit passageway enclosures	Allows an enclosed top at exit passageways instead of extending enclosing walls full height to deck above	reduces	(\$50,000)	Updates code to recognize new technology
706.2	Firewall structural requirements	Revises definition of structural stability, incorporates NFPA 221, allows double fire walls. Double walls are frequently the subject of variance requests	adds	(\$50,000)	Updates code to recognize new technology
708	Supporting construction for fire partitions	Clarification to allow the use of non-fire rated type IIB and VB supporting construction for fire partitions,	reduces	(\$150,000)	Updates code to recognize new technology

709.4	Smoke barrier continuity	Revisions to distinguish between smoke compartments in I-occupancies and smoke barriers for areas of refuge and elevator lobbies. Allows unprotected openings in certain conditions	reduces	(\$50,000)	Improves code
711,712	Horizontal assemblies and vertical openings	Reformatting and clarification to make code more user-friendly	reduces	\$0	Improves code
713.12	Top of shaft termination	Requirements clarified. Additional options for termination provided	reduces	(\$50,000)	Improves code
714.4	Membrane Penetrations	clarification that a double top plate may interrupt a rated ceiling membrane. This issue is a constant source of confusion and inconsistent enforcement	reduces	(\$500,000)	Improves code
715	Protection of joints and voids	Reformatting and clarification to make code more user-friendly	reduces	\$0	Improves code
716	Doors in double fire barriers and fire walls	Incorporates NFPA 221 for double doors in fire walls, clarifies that two 3/4 rated doors may be used in double 1-hour rated walls such as at hotel rooms	adds	\$0	Updates code to recognize new technology
717	Duct transitions between shafts	Allows ducts to transition horizontally between two vertical shafts	adds	(\$50,000)	Improves code
717.5.2	Flex duct penetrating a fire barrier	Allows a flex duct to penetrate a fire barrier without a fire damper	reduces	(\$150,000)	Updates code to recognize new technology
722.7	Mass timber fire ratings	Provides fire ratings for mass timber assemblies based on new test data	adds	\$0	Updates code to recognize new technology
806.9	Wood lockers	Clarification that wood lockers may be considered an interior finish where they are applied along a wall	reduces	(\$10,000)	Updates code to recognize new technology and marketplace changes
903.2	Upholstered furniture and mattresses	Clarification and reformatting of sprinkler triggers for F-1 occupancies used for the manufacture of upholstered furniture and mattresses.	adds	\$0	Updates code to recognize new technology
903.2	Sprinkler requirements for occupied roofs	Clarifies when an occupied roof used for assembly purposes triggers a sprinkler system in the building below.	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loophole
903.2	Distilled spirit sprinkler requirements	Clarifies sprinkler requirements for Group F-1 fire areas used for distilled spirit manufacturing and Group S-1 fire areas used for bulk storage of distilled spirits and wine.	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loopholes

903.2	Multiple Group A fire areas	Clarifies that multiple Group A fire areas sharing a common means of egress are combined in evaluating sprinkler requirements	adds	\$0	Improves current code, recognizes marketplace changes, closes loophole
903.2	Sprinkler requirements for Parking Garages	Requires sprinklers in certain open parking garages. Based on extensive use of plastics in automobile construction	adds	\$100,000	Improves current code, recognizes marketplace changes, closes loophole
903.3.1.2	13R sprinklers at podium buildings	Clarifies height limitations for 13R sprinkler systems used in podium type buildings	adds	\$100,000	Improves current code, recognizes marketplace changes, closes loophole
903.3.1.2.2	Corridor and Balcony sprinkler protection	Closes loophole for open corridors and shared balcony sprinkler protection in NFPA 13R systems	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loophole
905.3.1	Standpipe requirements at parking garages	Revisions consistent with 903.2 changes regarding parking garages	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loophole
	Clarification of fire alarm requirements in multi-story self-storage buildings		reduces		
907.5.2.1.3	Low frequency fire alarm systems.	Recognition of low frequency fire alarm systems. These systems have proven to be six times more effective at waking certain at risk segments of the populations, such as children, the elderly, and people who are alcohol impaired	adds	\$50,000	Updates code to recognize new technology
903.2.8	Clarification of sprinkler requirements for attics used as living purposes	Provides multiple fire protection options for attics used for living purposes and not used for living purposes in group R-3 and R-4	adds	\$0	Updates code to recognize new technology and marketplace changes
903.3.1.1.2	Clarification of exempt locations such as small bathrooms in R-occupancies	Exempts bathrooms of < 55 s.f. from sprinkler protection in NFPA 13 systems	reduces	(\$100,000)	Updates code to recognize new technology and marketplace changes
904.13	Requirements for domestic appliances and domestic hoods used in Group I-2 kitchen facilities have been clarified.	Provides options for protection of domestic cooking equipment	adds	\$20,000	Updates code to recognize new technology and marketplace changes
907.2.9.3	Fire alarm systems in R-2 College and University Buildings	Increase fire alarm requirements due to recent history of dormitory fires. Clarifies that requirements apply to housing operated by the university, but does not apply to housing over which the school or university does not have operational control	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loopholes

907.2.11	Smoke alarms near small bathrooms and near cooking appliances.	Clarification of placement of smoke alarms near small bathrooms and near cooking appliances. This is a source of frequent confusion in the current Indiana code	reduces	(\$50,000)	Updates code to recognize new technology
911	Fire command centers in F-1 and S-1	Adds a requirement for a fire command center in F-1 and S-1 buidlings larger than 500,000 s.f.	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loopholes
915	Carbon monoxide detectors	Reformatting to clarify CO detector requirements in various occpancies	adds	\$0	Improves code
1006.2.1	Common path of travel requirements for unoccupied mechanical rooms	Common path of travel requirements for unoccupied mechanical rooms and penthouses eliminated.	reduces	(\$50,000)	Updates code to recognize new technology
1006.3	Egress requirements from occupied roofs clarified.	Clarifies that even though an occupied roof is not a story, the occupant load of the roof does not need to be combined with the story below, but can be considered as if the roof is a story	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes
1004.1.2	Inclusion of new occupant load factors, office occupant load factor for offices changed to 150 s.f./occupant	Reduces occupant load requirements based on recent research	reduces	(\$500,000)	Updates code to recognize new technology and marketplace changes
1006.3.4	Single exit stories	Eliminates common path of egress requirement for single exit stories. Exiting requirements now based on travel distance	reduces	(\$250,000)	Updates code to recognize new technology and marketplace changes
1007.1	Remoteness test requirements	New remoteness test requirements to address converging stairs	adds	\$25,000	Improves current code, recognizes marketplace changes, closes loopholes
1008.2.1	Stairway illumination	Light level increased in exit access stairs except at auditoriums and theatres	adds	\$15,000	Improves current code, recognizes marketplace changes, closes loophole
1009.2.1	Accessible elevators to occupied roofs	Clarifies when an accessible elevator is required to an occupied roof	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loopholes
1009.6.2	Interior areas of refuge at level of exit discharge	Interior areas of refuge are now allowed as an accessible means of egress on the level of exit discharge	reduces	(\$50,000)	Updates code to recognize new technology
1009.6.3	Area of refuge floor space increase	Clear floor space for a wheelchair at an area of refuge increased from 30x48 to 30 x 52	adds	\$0	deminimus change
1010.1.1	Door widths	Maximum 48" door width limitation eliminated; new exception allows for reduced door sizes serving single user spaces such as dressing rooms	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes

1010.1.1.1	Projections into door openings	Additional elements now allowed to encroach into the clear door opening	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes
1010.2.4	Clarification as to when locks and latches shall be permitted to prevent operation of doors from the egress side.	Clarification as to when locks and latches shall be permitted to prevent operation of doors from the egress side. As the desire for more secure facilities continues, this is a critically important topic.	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes
1030.16	Handrails at social stairs	Incorporation of requirements for "social stairs". These are a design element frequently incorporated in higher education facilities, and now is migrating to other uses. The design incorporates a seating area that steps up adjacent to an egress stair. The current Indiana code does not recognize this condition and variances are required.	reduces	(\$100,000)	Updates code to recognize new technology and marketplace changes
1009.8	Two-way communication system from service and freight elevators, and residential elevators	Elimination of two-way communication system from service and freight elevators, and residential elevators	reduces	(\$25,000)	Updates code to recognize new technology and marketplace changes
1011	Permanent ladders	Clarification regarding use of permanent ladders to provide access to certain areas. The current code is unclear regarding many common uses of permanent ladders	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes
1016.2	Clarification regarding means of egress through enclosed elevator lobbies	Means of egress is now allowed to be through an elevator lobby in certain conditions	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes
1017.2.2	Increased exit travel distances in Group F-1 and S-1	Increased exit travel distances in Group F-1 and S-1 facilities clarified. This has been a source of confusion for decades. Indiana amendments have attempted to resolve the issue. The newest model codes provide greater flexibility than current Indiana codes. Increased travel distance is now a function of clear height and is no longer tied to ESFR or smoke/heat vents	reduces	(\$100,000)	Updates code to recognize new technology and marketplace changes
1018.3	Aisles in B & M occupancies	Clarifies that minimum aisle width is a function of minimum corridor width	reduces	\$0	Improves code



1020.2	Corridor width in I-2 clarifications	Reduced width allowed where bed or stretcher movement is not necessary	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes
1023.3.1	Stairway extensions	Clarifies that no separation is required between an exit stair and an exit passageway	reduces	(\$10,000)	Improves code
1107.2	Accessible vehicle charging stations	Inclusion of vehicle charging stations into the accessibility requirements of the code.	adds	\$0	Updates code to recognize new technology and marketplace changes
1103.2.8	Raised and lowered areas in places of religious worship	New exception for raised or lowered areas in religious facilities. This topic has been the source of many variance applications	reduces	(\$20,000)	Improves current code, recognizes marketplace changes
1404.3	Vapor retarder provisions revised	Significant improvement and clarification to the vapor retarder requirements for building envelopes in Climate Zone 4 & 5 (Indiana). The new codes incorporate the latest research and product technology for this vitally important element. The current Indiana code is outdated, and allows practices that can create serious mold and deterioration problems in a building.	reduces	(\$500,000)	Updates code to recognize new technology and marketplace changes
1210.3	Restroom privacy	Updates regarding restroom privacy. The commission has seen numerous past variance applications related to this issue	adds	\$50,000	Improves current code, recognizes marketplace changes, closes loopholes
2612	Plastic composites	Adds provisions for the use of plastic composite materials and plastic lumber	reduces	(\$100,000)	Updates code to recognize new technology and marketplace changes
2902.3	Public toilet facilities in limited size, quick service tenant spaces	Public toilet facilities no longer required in such spaces (employee toilet still required)	reduces	(\$100,000)	Improves current code, recognizes marketplace changes
2902	Separate toilet facilities	Adds options for providing multiple user facilities serving all genders. Eliminates need for variances	reduces	(\$50,000)	Improves current code, recognizes marketplace changes
3004	Elevator hoistway venting	All hoistway venting requirements have been deleted	reduces	(\$100,000)	Updates code to recognize new technology
3115	Intermodal shipping containers	The use of intermodal shipping containers as buildings and structures is now allowed, and criteria defined for their use.	reduces	(\$50,000)	Updates code to recognize new technology and marketplace changes

Chapter 34	Chapter 34 deleted	References added to International Existing Building Code. The IEBC provides a more consistent and coordinated document, and in addition to the contents of Chapter 34 from the building code, the IEBC provides options for different scale renovations. Several of these options do not require full compliance with all provisions of the building code	reduces	(\$500,000)	Updates code to recognize new technology and marketplace changes
	Numerous improvements to the structural code provisions in Chapter 16, incorporating the latest research. AIA Indiana also supports adoption of Chapter 17 of the model IBC and asks the Commission and its staff to facilitate any statutory changes necessary to allow its adoption	See analysis by Structural Engineering Organization			
				(\$4,550,000)	