

2024 CODE ANALYSIS - MASTER LIST

Item	Code	Code Section	New Code Provision (Overview)	What impacts could the new code have?								Committee Discussion / Recommendation
				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
Example		R602.6.1	Prescriptive specifications to repair top plates when cut more than 50%.	More		High		High \$\$\$		Improved	Yes	Common construction method. Leave in.
				NA		Medium	Yes	Medium \$\$	Yes	No Change		
				Less	Yes	Low		Low \$				
1	IBC	411	Puzzle Room Exiting	More		High		High \$\$\$		Improved		This change is consistent with business activity of puzzle rooms. Leave in.
			Puzzle rooms are no longer required to comply with provisions applicable to special amusement areas.	NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			
2	IBC	422.7	Cooking in Ambulatory Care Facilities	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Domestic cooking facilities need to comply with all (5) code sections.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
3	IBC	424	Play Structures (Formerly Children's Play Structures)	More	●	High		High \$\$\$		Improved	●	Addresses larger play structures flammability and combustibility. Leave in.
			Adjust the requirements to be more broad and adjust the requirements for play structures.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
4	IBC	510.2	Stairway Construction in Podium Buildings	More	●	High		High \$\$\$		Improved	●	Common construction method. Leave in.
			Stairways in IA buildings must be enclosed by minimum 3-hr fire resistance rated construction with protected openings. This allows the upper stairway to be isolated and can be built of combustible materials.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				

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5	IBC	704.6.1	Secondary Attachments and Fireproofing	More	●	High		High \$\$\$		Improved	●	Provides clarity. Leave in.
			Where primary and secondary structural steel members require fire protection, secondary steel attachments to those structural members shall be protected with the same fire resistive material and thickness as required for the structural member.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
6	IBC	Table 705.5	Exterior Wall Ratings	More		High		High \$\$\$		Improved		Administrative. Leave in.
			New location for Exterior Wall Rating Table. Updated values for new Type IV construction for Heavy Timber Construction.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
7	IBC	705.6, 705.7, 705.12.1	Fire-Resistance-Rated Exterior Wall Continuity	More		High		High \$\$\$		Improved		Provides clarity. Leave in.
			Clarity has been provided on how supporting construction for exterior walls is to be fire-resistance-rated (FRR), especially in the case of parapet. Two options have been established for maintain the vertical continuity of an exterior wall required to be FRR.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
8	IBC	705.7.1	Floor assemblies in Type III construction	More		High		High \$\$\$		Improved		Provides clarity. Leave in.
			Where floor assemblies intersect load-bearing exterior walls in "platform-framed" Type III construction, detailed requirements are now provided for addressing fire-resistance continuity and the use of fire-retardant-treat wood building elements.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			

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9	IBC	714.5.1, 714.5.1.2	Through Penetration Firestop Systems in Parking Garages	More		High		High \$\$\$		Improved		Reasonable. Leave in.
			Penetrations through concrete floors and ramps of parking garages are now permitted to be unprotected.	NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			
10	IBC	Table 716.1(2)	Doors in Double Fire Walls	More		High		High \$\$\$		Improved		Reasonable. Leave in.
			Allows the use of (2) double doors to be used to meet a higher fire rating. (Allows (2) 1-1/2 rated doors to equal a 3 hour rated door in certain situations).	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
11	IBC	717.2.4, 717.2.4.1	Controls in Air Duct Systems	More	●	High		High \$\$\$		Improved		Reasonable. Leave in.
			Wiring and cabling is not permitted to be run through fire dampers, smoke dampers, combination fire/smoke dampers and ceiling radiation dampers to allow for proper operation of the device during inspection and fire events.	NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
12	IBC	717.4	Access to Fire and Smoke Dampers	More	●	High		High \$\$\$		Improved		Reasonable. Leave in.
			Dampers equipped with fusible links, internal operators, or both shall be provided with an access door that is not less than 12" square or provided with a removable duct section.	NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			

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13	IBC	1006.3.4	Single Exit Stories	More	●	High		High \$\$\$		Improved	●	This means that occupants must be able to reach the door of an exit within the distance. Leave in.
			Updated Table 1006.3.4(1) and Table 1006.3.4(2) to now use maximum exit access (rather than common path of egress) which means the distance is now measured to the exit and not the point in which two options for egress can be chosen.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
14	IBC	903.2, 903.3.1.1.3	Sprinkler Protection for Batteries	More	●	High		High \$\$\$		Improved	●	One of the big changes in the 2024 IBC has been to address battery storage systems and how we protect buildings that store batteries. Naperville FD has reviewed and has no issues. Leave in.
			Revisions have been made to ensure that battery systems are adequately protected by sprinkler systems and that in case of lithium-ion and lithium metal batteries, the sprinkler system is adequately designed to address that specific hazard.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
15	IBC	903.3.1.2	NFPA 13R Sprinkler Systems	More		High		High \$\$\$		Improved		Naperville FD reviewed. Leave in.
			The allowable height of a Group R-2 occupancy building in which an NFPA 13R sprinkler system can be used has been increased.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
16	IBC	905.3, 905.4	Required Installations / Location of Class 1 Standpipe Hose Connections	More	●	High		High \$\$\$		Improved	●	Naperville FD reviewed. Leave in.
			Where a Class I standpipe system is required, hose connections are now specifically required at all exterior exit stairways.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				

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17	IBC	905.3.4, 905.5.1	Standpipes for Stages	More	●	High		High \$\$\$		Improved	●	Naperville FD reviewed. Leave in.
			The requirement for standpipes to be provided on both sides of a large stage area has been deleted.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
18	IBC	907.2.1	Group A Fire Alarms	More		High		High \$\$\$		Improved		Naperville FD reviewed. Leave in.
			Pull station and occupant notification aspects of alarms serving Group A-5 outdoor bleacher seating areas have been eliminated.	NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			
19	IBC	907.2	Fire Alarm and Detection Systems	More	●	High		High \$\$\$		Improved	●	Several additions to the International Fire Code and International Building Code have been made due to the increased hazard of lithium batteries. Leave in.
			In order to minimize the potential hazard, new requirements have been added for areas containing lithium-ion and lithium metal batteries to provide early detection and response.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
20	IBC	907.2.11	Smoke Alarms Near Cooking Appliances	More	●	High		High \$\$\$		Improved	●	Naperville FD reviewed. Leave in.
			Due to changes in the listing standard for smoke alarms, the requirements for installation near cooking appliances have been modified to help reduce unwanted alarm activations.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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21	IBC	907.5.2.1.3	Audible Alarm Singal Frequency	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			To enhance occupant notification in sleeping rooms, Group I-1 occupancies now require the installation of 520 Hz low-frequency alarm signals.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
22	IBC	915	Carbon Monoxide Detection	More	●	High		High \$\$\$		Improved	●	Clarity provided. Leave in.
			Carbon monoxide (CO) detection is now required in all occupancies where a CO-producing device is present. Detection and notification can be addressed in several ways and a definition helps clarify where CO detection is required.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
23	IBC	1008.2.1	Stairway Illumination	More	●	High		High \$\$\$		Improved	●	Provides a standard for illumination levels. Leave in.
			Along exit access stairways, exit stairway and their required landings, the illumination level shall be 10 footcandles minimum at the walking surface when the stair is in use. (This is very helpful to people with low/poor vision and will improve stairway safety)	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
24	IBC	1009.2.1	Elevator Required for Accessible Means of Egress	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Because an occupiable roof is not considered as a story, scoping provisions have been clarified as to when an elevator must be provided as an accessible means of egress.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				

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25	IBC	1009.6.2	Area of refuge. Stairway or elevator access	More		High		High \$\$\$		Improved		Leave in.
			An exception has now been provided for the allowance of an interior area of refuge at the level of exit discharge that provides direct access to an exterior exit door.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
26	IBC	1009.6.3, 3008.6.4	Area of Refuge Floor Space	More	●	High		High \$\$\$		Improved		Follows ANSI requirements.
			Area of Refuge Floor Clear Floor Space size is now 52" minimum in length by 30" minimum in width (2018 was 48" x 30"). This follows the increase in size per 2018 ANSI 117.1 requirements.	NA		Medium	●	Medium \$\$	●	No Change	●	
				Less		Low		Low \$				
27	IBC	1010.1.1	Door Widths	More		High		High \$\$\$		Improved		Still must meet force requirements to open per ANSI. Leave in.
			Doors are no longer limited to be 48" maximum and can now be as wide as they want, so long as they are 80" minimum in height.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
28	IBC	1010.1.3	Forces to unlatch and open doors	More	●	High		High \$\$\$		Improved	●	Administrative. Leave in.
			Updated language and requirements to unlatch and open doors to better follow the 2017 ANSI 117.1 requirements.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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29	IBC	1010.2.14, 3006.4	Elevator Lobby Exit Access Doors	More		High		High \$\$\$		Improved		Very specific conditions to be followed. Leave in.
			Electrically locked exit access doors providing egress from elevator lobbies are now permitted.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
30	IBC	1013.2	Low-Level Exit Signs in Group R-1	More		High		High \$\$\$		Improved		Exit signs in hotels placed near floor level are no longer required.
			The requirement for low-level exit signs in sprinklered Group R-1 buildings has been eliminated.	NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			
31	IBC	1013.5.1	Photoluminescent Exit Signs	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Photoluminescent exit signs must be provided with an appropriate charging source.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
32	IBC	1016.2	Egress Through Intervening Spaces	More		High		High \$\$\$		Improved		Very specific conditions to be followed. Leave in.
			Egress through an enclosed elevator lobby area is now permitted for spaces requiring only one means of egress.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			

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33	IBC	1019.3	Exit Access Stairway. Occupancies other than Group I-2 and I-3	More		High		High \$\$\$		Improved		Provides clarity. Leave in.
			Updated the language to be more clear	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
34	IBC	1102	Accessible Design Compliance Referenced Standards	More		High		High \$\$\$		Improved	●	Administrative. Leave in. A suggestion was made to delete Ch. 11 and rely only on ANSI 117.1 to reduce redundancy and confusion for designers.
			New referenced standard to follow the 2017 ANSI 117.1.	NA	●	Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
35	IBC	1105.1.1	Automatic Doors at Public Entrances	More	●	High		High \$\$\$		Improved	●	Provides easier access to public and other buildings with larger occupant load.
			Certain occupancies now have to have the public entrance to buildings with larger occupant loads be provided with an automatic door.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
36	IBC	1107.2	Electric Vehicle Charging Stations	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Provisions have now been added to the code to make electric vehicle charging station accessible.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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37	IBC	1110.4	Adult Changing Stations	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Adult changing stations, now required in four locations shall be accessible where they are provided.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
38	IBC	1110.6	Accessible Laundry Equipment	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Requirements for accessible laundry equipment have been relocated from the appendix and are now in the body of the code.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
39	IBC	1110.13.2	Sales and Service Counters and Windows	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Sales and Service Counters now specifically address windows and how such elements are to be accessible whether or not a counter is provided at the window.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
40	IBC	1207	Enhanced Classroom Acoustics	More	●	High		High \$\$\$		Improved	●	Where classroom volume is greater than 20,000 cubic feet. (45'x45'x10'h). Reasonable. Leave in.
			Educational occupancies are now required to meet the enhanced classroom acoustic requirements of Section 808 of the 2017 ANSI 117.1.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				

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41	IBC	1208.4	Efficiency Dwelling Units	More		High		High \$\$\$		Improved		Reasonable. Leave in.
			The minimum floor area of an efficiency dwelling unit (studio apartment) has been reduced to 190 square feet (was 220 square feet) and a definition of an efficiency dwelling unit has been added.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
42	IBC	1404.3, Table 1404.3.1, 1404.3.2	Vapor Retarders	More		High		High \$\$\$		Improved		Clarification. Leave in.
			Vapor retarders provisions have been reorganized and threshold clarified for when a vapor retarder is required and which retarder is required as well as location and climate zone requirements. Update Table and information for Class II and Class III retarders.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
43	IBC	1503.3	Parapet Walls	More	●	High		High \$\$\$		Improved		Reasonable. Leave in.
			Parapet walls now require moisture resistance in a manner similar to the remainder of the building.	NA		Medium		Medium \$\$	●	No Change	●	
				Less		Low	●	Low \$				
44	IBC	1504.9	Wind Resistance of Aggregate-Surfaced Roofs	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Parapets of a minimum height are now required for aggregate-surfaced roofs to prevent blow-off.	NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				

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45	IBC	1512.1, 1512.2	Reroofing	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			During the reroofing process, susceptible bays must now be analyzed for ponding instability.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
46	IBC	Table 1604.5	Risk Categories for I-2 and I-3 and Public Utilities	More	●	High		High \$\$\$		Improved	●	Higher design standards required for critical structures. Reasonable. Leave in.
			All Group I-2 occupancies and most of Group I-3 occupancies are moved to Risk Category IV. Public Utility facilities providing power generation, potable water treatment or wastewater treatment are also now Risk Category IV.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
47	IBC	1608	Snow Loads	More	●	High		High \$\$\$		Improved		Administrative. Reasonable. Leave in.
			New ground snow load maps based on ASCE 7-22 are included in the IBC for each risk category.	NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
48	IBC	1609	Wind Loads	More	●	High		High \$\$\$		Improved		Administrative. Reasonable. Leave in.
			New wind speed maps and associated provisions are updated to the newly referenced ASCE 7-22 load standard.	NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			

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49	IBC	1609.5	Tornado Loads	More	●	High		High \$\$\$		Improved	●	Increases design burden on design professionals. Leave in.
			Design provisions for tornado loads are now required for Risk Category III and IV buildings in defined areas.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
50	IBC	1609.7, 1612.2, 1613.5, 3001	Elevator Loads	More	●	High		High \$\$\$		Improved	●	Increases design burden on design professionals. Leave in.
			Elevators and escalators must comply with wind, flood and seismic loads.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
51	IBC	1611	Rain Loads	More		High		High \$\$\$		Improved		Higher design standards required for critical structures. Reasonable. Leave in.
			The design storm return period for determination of hydraulic head is now to be based on risk category. Other ponding provisions are updated to be consistent with ASCE 7.	NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
52	IBC	1704.6	Structural Observations	More	●	High		High \$\$\$		Improved	●	Higher design standards required for critical structures. Reasonable. Leave in.
			A structural observer must now visually observe the construction of structural systems for general design conformance for all buildings assigned to Risk Category III (schools, colleges, arenas, health care facilities, places that represent a substantial hazard to human life in the event of failure) or IV (hospitals, police stations, places that are essential and continuous use is needed, particularly in response to disasters).	NA		Medium	●	Medium \$\$	●	No Change		
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53	IBC	Table 1705.3	Required Special Inspections and Tests of Precast Concrete	More	●	High		High \$\$\$		Improved	●	Mass timber is becoming increasingly more common. Provides greater 3rd party scrutiny and documentation of connections. Leave in.
			Special inspections requirements for precast concrete diaphragm connections have been added to the list of general concrete special inspections and tests.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
54	IBC	1705.5.3, 1705.20	Mass Timber Special Inspection	More	●	High		High \$\$\$		Improved	●	Mass timber is becoming increasingly more common. Provides greater 3rd party scrutiny and documentation of connections. Leave in.
			Special inspections have been added to address the anchorage and connection of mass timber structural elements.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
55	IBC	1705.1	Structural Integrity of Deep Foundations	More	●	High		High \$\$\$		Improved	●	Administrative. Leave in.
			When installed deep foundation elements appear to be understrength due to quality, location or alignment, an engineering assessment must now be done.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
56	IBC	1705.13.7	Special Inspections of Storage Racks	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
			Steel storage rack special inspection duties have been clarified with the addition of special inspections tasks.	NA		Medium	●	Medium \$\$	●	No Change		
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57	IBC	1705.18	Firestop Inspections of penetrations and joints in Group-R	More	●	High		High \$\$\$		Improved	●	This critical component of hotels, apartment buildings, and dorms is now required to have 3rd party testing. Leave in.
			Firestops, fire-resistant joint systems and perimeter fire barrier systems in residential-use buildings now requires special inspection in those Group R fire areas having an occupant load exceeding 250.	NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
58	IBC	1809.5.1	Frost Protection at Required Exits	More	●	High		High \$\$\$		Improved	●	This is to try and protect against concrete heaving at exterior egress doors. Leave in.
			Frost protection for egress doors has been added the foundation requirement. Frost protection at exterior landings for all required exits with outward-swinging doors. Frost protection shall only be required to the extent necessary to ensure the unobstructed opening of the required exit door.	NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
59	IRC	R302.1	Exterior walls: Where a lot line doesn't already exist between townhouses, a lot line is required to be assumed for purposes of fire separation distance measurement. The proposal is meant to address interior corners where there is no existing or possible future structure measured perpendicular to the wall	More	●	High		High \$\$\$		Improved	●	Clarification. Reasonable. Leave in.
				NA		Medium	●	Medium \$\$		No Change		
				Less		Low		Low \$	●			
60	IRC	R302.5	Doors between the garage and residence must be self-latching.	More		High		High \$\$\$		Improved	●	Clarifies door to be self-closing <u>and</u> self-latching. Reasonable. Leave in.
				NA	●	Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
61	IRC	R311.7.7	A new exception allows steeper slopes for exterior landings that also serve to drain surface water away from the building.	More		High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less	●	Low	●	Low \$	●			
62	IRC	R314.3	Smoke alarm locations now include: In the hallway and in the room open to the hallway in dwelling units where the ceiling height of a room open to a hallway serving bedrooms exceeds that of the hallway by 24 inches or more.	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
63	IRC	R326.3	Habitable attics shall be considered a story above grade plan, unless it meets all of the exceptions of R326.3	More	●	High		High \$\$\$		Improved	●	Administrative change only.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
64	IRC	R403.1(1)-Table R403.1(1), (2) and (3)	Revised to more accurately reflect current practice. Reduces the minimum footing width.	More		High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA	●	Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
65	IRC	R507	Deck beams and joist new spans lengths. Specific species length requirements for posts. Decking span requirement changes.	•		High		High \$\$\$		Improved		Allowable post height now determined by tributary area and post dimensions. Span length for plastic composite per manufacturer. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	•	
				Less	•	Low	•	Low \$	•			
66	IRC	R609.4.1	All garage doors must have a permanent label identifying wind pressure ratings among other information.	More	•	High		High \$\$\$		Improved		Labeling requirement is for informational purposes. To better inform homeowner or builder of garage door's wind performance characteristics. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	•	
				Less		Low	•	Low \$	•			
67	IRC	G2447.2	The exception allowing a commercial cooking appliance in a dwelling unit when the installation is designed by an engineer has been removed from the code.	More	•	High		High \$\$\$		Improved	•	Makes it more difficult to install a commercial cooking appliance in a dwelling unit. Commercial cooking appliance is designed for heavy, continuous use while a high-end cooking appliance is designed for superior performance, made with superior materials. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	•	Low \$	•			
68	IRC	M1502.4.5	Booster fans: Booster fans shall not be installed in dryer exhaust systems.	More	•	High		High \$\$\$		Improved	•	Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	•	Low \$	•			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
69	NEC	210.52c2	Island or peninsular countertops. One outlets required for 1st 9sf and one additional outlet for every additional 18sf. If no outlet is supplied, conduit must be provide to island for future installation.	More		High		High \$\$\$		Improved		Evidence has shown corded appliances on islands can be hazardous when the cord becomes entangled/snagged by children and pets.
				NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
70	NEC	230.71	Maximum number of disconnects. These up to six means of disconnects can no longer be mounted in a single enclosure.	More	●	High		High \$\$\$		Improved		Reasonable. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change	●	
				Less		Low		Low \$				
71	NEC	250.25	Grounding systems to be connected on the supply-side of the service. PV arrays, wind, fuel cells. Disconnects to be connected to grounding electrode system.	More		High		High \$\$\$		Improved		Provides clarity for grounding/bonding purposes. Leave in.
				NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
72	NEC	250.68c3	The rebar system in a footing or foundation is not suitable as the conductor to interconnect other grounding electrodes.	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
73	NEC	210.8e	GFCI protection expanded for equipment requiring servicing and receptacles required per 210.63 for indoor and outdoor equipment.	More	●	High		High \$\$\$		Improved	●	GFCI requirements are expanding with every code cycle. Increased safety. Leave in.
				NA		Medium	●	Medium \$\$		No Change		
				Less		Low		Low \$	●			
74	NEC	210.8f	GFCI protection is now required on dwelling unit outdoor outlets supplied by a single-phase 150v 50 amp or less.	More		High		High \$\$\$		Improved		GFCI requirements are expanding with every code cycle. Increased safety. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low		Low \$				
75	NEC	210.8a5	All receptacles in the basement are to be GFCI protected.	More	●	High		High \$\$\$		Improved	●	GFCI requirements are expanding with every code cycle. Increased safety. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
76	NEC	210.8	GFCI protection expanded for 250v receptacle in laundry rooms, crawls, basement, mudrooms.	More	●	High		High \$\$\$		Improved	●	GFCI requirements are expanding with every code cycle. Increased safety. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
77	NEC	210.8b2	GFCI protection for kitchens. 125v through 250v single-phase 50 amp or less, and 3-phase 100 amp or less receptacles to be gfi protected.	More	●	High		High \$\$\$		Improved	●	GFCI requirements are expanding with every code cycle. Increased safety. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
78	NEC	440.9	Outdoor metallic raceways using compression type fittings for HACR equipment shall have wire type equipment ground.	More	●	High		High \$\$\$		Improved	●	Equipment ground will no longer be reliant on conduit. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
79	NEC	210.8d	GFCI protection required for specific appliances 60amp or less. Automotive vacuum machines, water coolers, high pressure spray wash machines, tire infation, vending, dishwashers, electric ranges, wall mounted ovens, counter mounted cooking units, clothes dryers, microwaves.	More	●	High		High \$\$\$		Improved	●	GFCI requirements are expanding with every code cycle. Increased safety. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
80	NEC	210.23	A new section allowing 10 amp branch circuits for lighting and exhaust fans.	More		High		High \$\$\$		Improved		Only allowed for lighting, bath exhaust fan, or fireplace ignition circuit. Not allowed for general receptacles where it would most likely be abused. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
81	NEC	210.52c3	Island or penninsular outlets shall only be installed on or above the countertop, in a countertop(pop-up), or in a work surface listed for that purpose. No longer allowed to be within 12 inches below countertop.	More		High		High \$\$\$		Improved	●	Evidence has shown corded appliances on islands can be hazardous when the cord becomes entangled/snagged by children and pets. Reasonable. Leave in.
				NA	●	Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
82	NEC	240.24e	Overcurrent devices will no longer be allowed in bathrooms, showering facilities or locker rooms having showering facilities.	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
83	NEC	352.44b	PVC expansion fittings required for underground direct-bury conduit to account for thermal expansion and frost heave.	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
84	NEC	404.30	Switch (disconnect) enclosures with doors will require the use of a tool to access the interior.	More	●	High		High \$\$\$		Improved	●	Restricts access to unqualified individuals. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
85	NEC	110.22a	Identification of disconnecting means. Disconnects are now required to identify the source of the branch circuit or feeder. In other than 1 and 2 family dwellings.	More	●	High		High \$\$\$		Improved		Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
86	NEC	110.26c2	Large equipment, service disconnects with combined ratings of 1200 amps or more. Rooms to have egress at each end of working space. Equipment doors are prohibited from obstructing entry or egress.	More		High		High \$\$\$		Improved	●	Added equipment doors to previous code. Reasonable. Leave in.
				NA	●	Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
87	NEC	210.12c	AFCI protection expanded to patient sleeping rooms in nursing homes and limited-care facilities.	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
88	NEC	215.9	Feeders are now permitted to be GFCI protected if installed in a readily accessible location.	More		High		High \$\$\$		Improved		Reasonable. Leave in.
				NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
89	NEC	230.67	All dwelling unit services are now required to be provided with surge-protection (type 1 or 2 SPD).	More	●	High		High \$\$\$		Improved	●	Standard practice. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
90	NEC	230.85	Emergency disconnecting means required at accessible exterior location for dwelling units.	More	●	High		High \$\$\$		Improved	●	This will require all new electric services to have a disconnect. Approximately \$300/residential service. Reasonable. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
91	NEC	250.25	Grounding systems permitted to be connected on the supply side of the disconnect.(photovoltaic systems, fuel cell systems, wind electric systems, energy storage systems).	More		High		High \$\$\$		Improved		Provides clarity for grounding/bonding purposes. Leave in.
				NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
92	NEC	Tables 310.15b16 through 21	Ampacity tables are now reffered to Table 310.16	More		High		High \$\$\$		Improved		Administrative change.
				NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
93	NEC	445.18	Emergency shutdown device required in readily accessible location for standby generators. For single and two-family dwellings only.	More	●	High		High \$\$\$		Improved	●	Standard practice. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
94	NEC	511.12	Commercial garages. GFCI protection required for all 125v single phase 15 and 20 amp receptacles installed in gargages, service bays, and similar areas.	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
95	NEC	625.54	All receptacle outlets installed for the connection of EV charging will be require to be provide with GFCI protection for personnel (regardless of the outlet's location).	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
96	NEC	680.2 680.50	Splash pads are required to comply with the installation rules of Part I(General), Part V(Fountains), and Part II(Permanently Installed Pools).	More	●	High		High \$\$\$		Improved	●	Code addresses splash pads to follow pool requirements. Reasonable. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				

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97	NEC	680.22	Electrical equipment with ratings exceeding the low-voltage contact limit must be located at least 5 ft horizontally from the inside walls of a pool.	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
98	NEC	695.3c3	Fire pumps in multibuilding campus-style complexes, all ocpd's must be selectively coordinated by a licensed professional engineer or other qualified person.	More	●	High		High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
99	NEC	700.12	Emergency system equipment for sources of power are now required to be installed either in spaces fully protected by approved automatic fire protection systems or in spaces with a 2-hour fire rating where located within: Assembly for more than 1000 persons, buildings over 75ft, educational with occupancy over 300.	More	●	High		High \$\$\$		Improved	●	Standard practice. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
100	IMC	306.5	In addition to the requirements for a roof access to equipment and appliances, a top landing is required of a clear and unobstructed area of 30" deep and as wide as the hatch.	More	●	High		High \$\$\$		Improved	●	Change adds a minimum landing requirement for roof hatches. Reasonable. Leave in.
				NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				

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101	IMC	401.4	Air <i>intake</i> openings. Separation is not required between intake air openings and living space exhaust air openings of an individual dwelling unit or sleeping unit where an <u>approved factory-built</u> intake/exhaust combination termination fitting is used.	More		High		High \$\$\$		Improved		A new type of factory-built combination exhaust and intake air fitting is introduced that does not require separation between the two openings. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			
102	IMC	403.3	Group R-2, R-3 and R-4 occupancies ventilation requirements	More	●	High		High \$\$\$		Improved	●	Change provides a single requirement for the dwelling units, regardless of height and increases the ventilation rate. Reasonable. Leave in.
				NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
103	IMC	Table 403.1.1	Minimum ventilation rates established for adult changing rooms, animal facilities, outpatient healthcare facilities and manufacturing facilities and added to table 403.1.1	More	●	High		High \$\$\$		Improved	●	Ventilation rates were updated with new requirements for rooms listed. Reasonable. Leave in.
				NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
104	IMC	501.3.1	Location of <i>exhaust</i> outlets. Separation is not required between intake air openings and living space exhaust air openings of an individual dwelling unit or sleeping unit where an <u>approved factory-built</u> intake/exhaust combination termination fitting is used.	More		High		High \$\$\$		Improved		A new type of factory-built combination exhaust and intake air fitting is introduced that does not require separation between the two openings. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			

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105	IMC	501.6	Common Ducts. The discharge from exhaust fans serving separate dwelling or sleeping units shall not be connected to a common duct or shaft, <u>except where the common duct or shaft is maintained at a negative pressure.</u>	More	●	High		High \$\$\$		Improved	●	Provision prohibits connecting the discharge from exhaust fans serving dwelling and sleeping units to a common duct. Reasonable. Leave in.
				NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
106	IMC	502.2	Manicure and pedicure stations. Shall be provided with exhaust systems that operate continuously when the space is occupied.	More	●	High		High \$\$\$		Improved	●	The code now requires the continuous operation of nail salon exhaust systems during business hours. Reasonable. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
107	IMC	504.4.1	When a dryer manufacturer instructions do not specify a termination location, the exhaust duct shall terminate not less than 3 feet in any direction from openings into the building including opening in ventilation soffits.	More	●	High		High \$\$\$		Improved	●	New text was added to address the possibility of dryer exhaust air being reintroduced into a building interior. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
108	IMC	505.7, 505.8	Group I-1 and I-2 Occupancies. Domestic cooking hood requirements.	More	●	High		High \$\$\$		Improved	●	Provisions for the use of domestic range hoods in Group I-1 and I-2 are added. Lists requirements both instances need to follow. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
109	IMC	506.3.2.5.1	Grease duct test. The requirement to use a 100 watt lamp has been removed and replaced with the requirement of a light source of 1600 lumens.	More	●	High		High \$\$\$		Improved	●	Options are identified for the testing of grease ducts and incandescent bulb wattage criterion for light testing is removed. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
110	IMC	506.3.2.5.1	Light test. As an option to performing testing on grease ducts, a lamp not having less than 1600 lumens shall pass through the entire section of ductwork.	More	●	High		High \$\$\$		Improved	●	Requirements for the light testing of grease ducts are modified to allow for the use of a wider variety of light sources. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
111	IMC	506.3.2.5.2	Water spray test. As an option to performing a light test on grease ducts, a water spray test shall be performed simulating a cleaning operation.	More	●	High		High \$\$\$		Improved	●	Requirements are added for the water testing of grease ducts. Reasonable. Leave in.
				NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
112	IMC	506.3.7	Factory-built grease ducts shall be installed at a slope that is in accordance with the listing and manufacture's installation instructions	More	●	High		High \$\$\$		Improved	●	New exception exempts factory-built grease ducts from the duct slope prescriptions of the code, instead relying on slope requirements stated in the product listing and manufacturer's installation instructions. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
113	IMC	507.1	Requirements for Type I hoods. Exceptions for smoker ovens which have an integral exhaust system and are listed for installation without a Type I hood.	More	●	High		High \$\$\$		Improved	●	New exception exempts for smoker ovens to not require a Type I hood. Reasonable. Leave in.
				NA		Medium	●	Medium \$\$		No Change		
				Less		Low		Low \$	●			
114	IMC	507.1	Requirements for Type I and II hoods. Exceptions for wood-fueled ovens, self-condensing dishwashers and appliances that produce steam and no grease have been added.	More	●	High		High \$\$\$		Improved	●	Exceptions added for items listed.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
115	IMC	507.1.3	Appliances equipped with draft hoods shall not be located in the same room as Type I or II hoods.	More	●	High		High \$\$\$		Improved	●	Prescriptive requirements for vented fuel-burning appliances in the same room or space as a commercial kitchen hood replace former performance requirements. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
116	IMC	604.3	Duct Covers and Linings - flame spread requirements	More	●	High		High \$\$\$		Improved	●	An exception was added for duct coverings that are placed on the outside of ducts and are not within a plenum. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
117	IMC	607.6.1	Through Penetrations, fire damper not required if all criteria of 712.19 are satisfied.	More	●	High		High \$\$\$		Improved	●	The occupancy limitation of the listed fire damper installation at the floor line of a duct connecting only two stories was removed from the main portion of the section and added to the exception. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
118	IMC	801.21	Blocked vent switch for Oil-Fired Appliances	More	●	High		High \$\$\$		Improved	●	A requirement was added for an additional safety device for oil-fired appliances to be consistent with what is required for some gas-fire appliances. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
119	IMC	931	Steam bath (sauna) equipment shall be listed and labeled in accordance with UL 499.	More	●	High		High \$\$\$		Improved	●	Requirements added to the code. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
120	IMC	1101.1.1	Refrigerants Other Than Ammonia	More	●	High		High \$\$\$		Improved	●	A new standard requirement for refrigeration systems containing carbon dioxide was added as well as reference to the IFC. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
121	IMC	1105.9	Machinery rooms larger than 1000sf shall have 2 exits.	More	●	High		High \$\$\$		Improved		Revised egress requirements for machinery rooms from the IBC to be in the IMC to prevent such requirements from being overlooked. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
122	IMC	1107 through 1110	Refrigerant Piping	More	●	High		High \$\$\$		Improved	●	Section 1107 Refrigerant Piping of the 2018 IMC was deleted entirely and replaced with all new text in Sections 1107 through 1110.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
123	IMC	1209.6	Radiant Tubing - max length, labeling, drawings required	More	●	High		High \$\$\$		Improved	●	Requirements for installation and identification of radiant tubing as embedded pipe are added. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
124	IMC	1209.7	Snow- & Ice-Melt Tubing	More	●	High		High \$\$\$		Improved	●	Provisions added for the installation of snow and ice melt tubing.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			

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125	IFGC	406.5.1	Leak Detection	More	●	High		High \$\$\$		Improved	●	The gas detector for leakage location is now required to be listed.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
126	IFGC	406.7.3.1	Inspection, Testing, and Purging	More	●	High		High \$\$\$		Improved	●	Purging of fuel gas piping to be abandoned is now required. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
127	IFGC	614.7	Makeup air for clothes dryers. Dryers exhausting greater than 200 cfm shall be provided with makeup air.	More	●	High		High \$\$\$		Improved	●	Provides value of cfm. Leave in.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
128	IFGC	618.6	Furnace plenums and air ducts. Return air shall not be taken from the mechanical room containing the furnace.	More		High		High \$\$\$		Improved		New text clarifies the intent to prohibit pulling potentially noxious air from mechanical room.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
129	IPC	306.2.4	Tracer wire required for buried plastic sewer piping for easy identification of the pipe location.	More	●	High		High \$\$\$		Improved		No change needed.
				NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
130	IPC	410.4	At least three required drinking fountains must be installed before 50 percent of the additional required drinking fountains can be substituted with water dispensers.	More	●	High		High \$\$\$		Improved		It was previously acceptable to substitute the only required drinking fountain with bottled water. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
131	IPC	602.3.5	Pumps used to supply drinking water must conform to NSF 61.	More	●	High		High \$\$\$		Improved	●	Major manufacturers have been doing this for years. It's now a requirement.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$	●			
132	IPC	606.1	Multiple tenant building must have a main water shutoff valve for each tenant space.	More	●	High		High \$\$\$		Improved		No change needed.
				NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
133	IPC	609.2	For buildings classified as Group I-2, Condition 2 (Hospital) require 2 water service pipes.	More	●	High		High \$\$\$		Improved	●	Current practice. Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
134	IPC	705.2.4	Push-fit fittings are a new type of DWV fitting for ABS and PVC piping.	More		High		High \$\$\$		Improved		New means and methods. Illinois plumbing code supercedes.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			
135	IPC	915.1	The prohibition of food waste disposer discharging to a combination waste and vent system is removed.	More	●	High		High \$\$\$		Improved		Laboratory investigations have proven this prohibition is unwarranted.
				NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
136	IPC	1002.1	1, 2, or 3 compartment pots and pans sink without a trap can be directly connected to a hydromechanical grease interceptor.	More		High		High \$\$\$		Improved		Illinois Plumbing Code supercedes.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
137	IEBC	306.7	Where it is technically infeasible to alter existing toilet rooms to be accessible, one accessible single-user toilet room or one accessible family or assisted-use toilet room constructed in accordance with 1110.2.1 of the IBC is permitted.	More		High		High \$\$\$		Improved		Clarifies required fixture count.
				NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
138	IEBC	502.6, 503.16, 506.6	Classroom Acoustics. In Group E occupancies, enhanced classroom acoustics shall be provided in all classrooms with a volume of 20,000 cubic feet or less where the work area exceeds 50% of the building area.	More	●	High		High \$\$\$		Improved	●	Leave in.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
139	IEBC	503.4	The addition of equipment to the roof without a full structural analysis is now permitted when the equipment weighs less than 400 lbs and is less than 10% of the total roof dead load.	More		High		High \$\$\$		Improved		Provides relief for design professional/contractor when adding small rooftop equipment. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$	●			
140	IEBC	306.7.3	Alteration of Type A units. The alteration to Type A individually owned dwelling units within a Group R-2 occupancy shall be permitted to meet the provisions for a Type B dwelling unit.	More		High		High \$\$\$		Improved		Provides relief to owners of Type A units who perform alteration to the dwelling unit. Reasonable. Leave in.
				NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
141	IEBC	306.7.4	Type B dwelling units required by Section 1108 of the IBC are not required to be provided in existing buildings and facilities undergoing alterations where the work area is 50% or less of the aggregate area of the building.	More		High		High \$\$\$		Improved		Defines scoping for accessibility.
				NA	●	Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
142	IEBC	306.7.11.1	Where Group I-1, I-2, I-3, R-1, R-2 or R-4 dwelling or sleeping units are being altered or added within an existing building, the requirements of Section 1108 or the IBC for Accessible units apply only to the dwelling or sleeping units being altered or added.	More	●	High		High \$\$\$		Improved	●	Defines scoping for accessibility.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
143	IEBC	306.7.11.2	Where more than 20 Group R-2 dwelling or sleeping units are being altered or added within an existing building, the requirements of Section 1108 of the IBC for Type A units apply only to the quantity of the dwelling or sleeping units being altered or added.	More	●	High		High \$\$\$		Improved	●	Defines scoping for accessibility.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
144	IEBC	306.7.11.3	Where Group I-1, I-2, R-1, R-2, R-3 or R-4 dwelling or sleeping units are being altered or added within an existing building, and where the work is greater than 50% of the aggregate area of the building, the requirements of Section 1108 of the IBC for Type B units apply only to the dwelling or sleeping units being altered or added.	More	●	High		High \$\$\$		Improved	●	Defines scoping for accessibility.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				

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145	IEBC	502.1 1101.7	Where a new occupiable roof is added to a building, it shall comply with the provisions of the IBC.	More	●	High		High \$\$\$		Improved	●	Clarifies requirements.
				NA		Medium		Medium \$\$	●	No Change		
				Less		Low	●	Low \$				
146	IEBC	502.5	Smoke barriers in I-1, Condition 2. Where an addition to an existing building adds sleeping areas that result in more than 50 care recipients on a story, smoke barriers shall be provided to subdivide into not fewer than 2 compartments.	More	●	High		High \$\$\$		Improved	●	Clarifies requirements.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
147	IEBC	503.16.1	Smoke barriers in I-1, Condition 2. Where the work area is on a story used for sleeping rooms for more than 30 care recipients, smoke barriers shall be provided to subdivide into not fewer than 2 compartments.	More	●	High		High \$\$\$		Improved	●	Clarifies requirements.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				
148	IEBC	503.17 902.3	Ambulatory care facilities. Where a work area exceeds 50% of the building area, the following shall be provided: 1) A smoke compartment in accordance with Section 422.3 of the IBC where the alteration results in an ambulatory care facility greater than 10,000sf on one story. 2) Separation from adjacent spaces in accordance with 422.2	More	●	High		High \$\$\$		Improved	●	New requirements for ambulatory care facilities.
				NA		Medium	●	Medium \$\$	●	No Change		
				Less		Low		Low \$				

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				Will it be more or less restrictive than previous?		Will it take more of a level of effort to follow?		Will it cost more for builders?		How could it impact safety?		
149	IEBC	1201.2	Report-Historic Buildings. A historic building undergoing alterations or a change of occupancy shall be investigated and evaluated, and a written report shall be prepared and filed with the code official by a registered design professional where required by the code official.	More	●	High		High \$\$\$		Improved		Where required.
				NA		Medium		Medium \$\$		No Change	●	
				Less		Low	●	Low \$	●			
150	ISPSC	305.2.4	Screen enclosure as a barrier. A swimming pool screen enclosure shall be permitted to be utilized as part, or all, of a required barrier provided that the enclosure complies with the requirements of Section 305.2	More		High		High \$\$\$		Improved		Clarification provided on requirements of enclosure. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$				
151	ISPSC	305.2.4.1	Mesh for screen enclosures. The mesh utilized in the barrier portion of the screen enclosure shall have a tensile strength of not less than 100 lbs/sf.	More		High		High \$\$\$		Improved		Clarification provided on requirements of enclosure. Reasonable. Leave in.
				NA		Medium		Medium \$\$		No Change	●	
				Less	●	Low	●	Low \$				
152	ISPSC	320.3	Secondary disinfection systems. Secondary disinfection systems shall be installed in the following venues in addition to the primary disinfection systems: 1) Wading pools 2) Interactive water play features 3) Therapy pools 4) Venues designed primarily for children under the age of 5.	More	●	High	●	High \$\$\$		Improved	●	Reasonable. Leave in.
				NA		Medium		Medium \$\$	●	No Change		
				Less		Low		Low \$				

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153	ISPSC	609.3.1	Rinse showers for Aquatic Recreation Facilities. Not less than one rinse shower shall be provided on the deck of or at the entrance of each pool.	More	●	High		High \$\$\$		Improved		Reasonable. Common practice prior to new code. Leave in.
				NA		Medium	●	Medium \$\$		No Change	●	
				Less		Low		Low \$	●			
154	ISPSC	612	New section added for interactive water play features (Splash Pads). Slope, nozzles, sanitation, make-up water and lighting.	More	●	High		High \$\$\$		Improved	●	New requirements for splash pads. Reasonable.
				NA		Medium		Medium \$\$		No Change		
				Less		Low	●	Low \$				
155	IPMC	303.2 Ex #2	An exception to private pool barrier requirements was added if pool is equipped with a power safety cover complying with ASTM 1346.	More		High		High \$\$\$		Improved		Naperville has an existing ammendment to the ISPSC eliminating this exception and requiring proper pool barriers (fence with gates). The IPMC and ISPSC would now be consistent.
				NA		Medium		Medium \$\$		No Change		
				Less	●	Low	●	Low \$	●	Decreased	●	