

Ohio Building Code Summary of Significant Changes – 2017 to 2024

Ohio Administrative Code Rule Number	2024 OBC Section	Source of Change (2018 IBC, 2021 IBC, or BBS)	Description of Change
4101:1-1-01	101.1	BBS	Rewritten
	101.1.1	BBS	New rules of construction section to outline how codes are adopted and to make general phrase substitutions. The International Fire Code references are being retained, unless otherwise noted
	101.2 #7	BBS	Updated reference from Ohio Manufactured Home Commission to the Division of Industrial Compliance
	101.2 #10	BBS	Updates R.C. reference to Chapter 993
	101.2 #12	BBS & Petition #18-03	Clarifies intent
	101.2 #16	BBS	New exception addressing floating buildings
	101.2 #17	BBS	Renumbered from previous #16
	101.2 #18	BBS	Renumbered from previous #17, added solar arrays, and moved site lighting and flagpoles to #19
	101.2 #19	BBS	Renumbered from previous #17
	101.2 #20-#26	BBS	Renumbered from previous #18-#23
	101.2 #27	BBS	New exception for shipping containers used temporarily and only for storage
	101.2 #28	BBS	New exception for underground storage tanks regulated by the State Fire Marshal
	101.2 #29	BBS	New exception for mobile computing units defined in R.C. 3781.06
	101.2 #30	BBS	New exception for any industrialized unit (IU) exempt from regulation in accordance with new IU rule found in 4101:7
	101.4.1	BBS	New section that clarifies that gas piping is part of the code and is to be enforced by certified departments
	102.1	BBS	Changes title to better reflect content
	102.7	BBS	References the IEBC as modified in Chapter 34
	102.10 Building #2	BBS	Exempts fences not over seven feet in height from approval
	102.10 Building #12	BBS	Exempts some crypts, mausoleums, and columbaria from approval
	102.10 Building #13-17	BBS	Exempts some signs from approval
	102.10 Building #18	BBS	Provides an exemption from approval for some buildings when an emergency declaration is issued by the governor or the federal government
	102.10 Gas #5	BBS	Exempts from approval specific replacement LP tanks
	102.10 Gas #8	BBS	New exemption from approval for certain self-contained refrigeration systems
	102.11 #5	BBS	Clarifies that building departments do not enforce elevator rules. Relocated elevator enforcement paragraph from Section 3001.6
	104	BBS	Relocates duties and responsibilities of building department personnel to certification rules found in division 4101:7 of the Administrative Code
	105.1.1	BBS	Expands use of "Annual approval"
	105.3	BBS	Relocated "Conditional Approval" from Section 105.1.2

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	105.3.1	BBS	Fire protection listing information relocated from Section 106.1.1.1
	105.4	BBS	Relocated “Phased Approval” from Section 105.1.4
	105.5	BBS	Relocated “Validity of Approval” from Section 105.2
	105.6	BBS	Relocated “Expiration” from Section 105.3
	105.7	BBS	Relocated “Extension” from Section 105.4
	105.8	BBS	Relocated “Certificate of Plan Approval” from Section 105.5
	105.9	BBS	New section that clarifies which codes apply for a given project
	106.1.1 #15	BBS	Clarifies that information is required to be submitted for fuel gas piping and equipment
	106.1.2	BBS	Reorganizes and renumbers the section
	106.1.2.2	BBS	Relocates swimming pool coordination requirements from Section 3109
	106.1.2.7	BBS	Relocates reference to Revised Code 3781.02 for use of adjacent property
	107.3	BBS	Allows the department to create a written policy for creating an alternate schedule for plan review
	107.4.5	BBS	“Participation by fire official” plan review process relocated from Sections 106.1.2 #5 and 901.2.1.1
	108.2.6	BBS	Adds required inspections for new Type IV construction
	108.2.7-108.2.14	BBS	Renumbered Sections 108.2.6-108.2.13 after adding 108.2.6
	108.2.13.1	BBS	“Fire protection system final inspections” language relocated from Section 901.2.1.2
	109.4	BBS	Clarifies process for addressing unsafe buildings and serious hazards
	110	BBS	Reorganizes “Appeals” section
	111	BBS	Combines “Certificate of Completion” with “Certificate of Occupancy”
	111.5	BBS	Deletes section addressing “Connection of service utilities”
	111.6	BBS	Deletes section addressing “Temporary connection”
	113	BBS	Relocates “Industrialized Units” requirements to new IU rule found in division 4101:7 of the Administrative Code
	115	BBS	Removed
4101:1-2-01	Ch 2	2018	Removes all definition lists found at the beginning of each chapter and italicizes defined terms throughout the code
	Atrium	2021	Clarifies definition
	Building	BBS	Revised definition
	Building-Integrated Photovoltaic Roof Panel (BIPV Roof Panel)	2018	New definition
	Common path of travel	2018	Clarifies definition
	Delayed-Action Closer	2018	New definition
	Existing Building	BBS	Revised definition
	Gaming	2018	New definition
	Gaming Area	2018	New definition
	Gaming Machine Type	2018	New definition
	Gaming Table Type	2018	New definition
	Greenhouse	2018	New definition
	Higher Education Laboratory	2018	New definition

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	Impact Protective System	2021	New definition
	Mass Timber	2021	New definition
	Intermodal Shipping Containers	2021	New definition
	Mechanical Access Enclosed Parking Garage	2021	New definition
	Noncombustible Protection (for Mass Timber)	2021	New definition
	Nailable Substrate	2021	New definition
	Open-air Assembly Seating	2018	New definition
	Penthouse	2021	Clarifies that enclosed stairways extending to the roof are penthouses
	Puzzle Room	2021	New definition intending to address “escape rooms” as special amusement areas
	Primary Structural Frame	2021	Clarification and updating of definition
	Registered Design Professional	BBS	Clarifies that landscape architects are also registered design professionals
	Repair Garage	2018	New definition (from IFC)
	Secondary Structural Frame	2021	Clarification and updating of definition
	Sleeping Unit	2018	Clarifies definition
	Smoke-Protected Assembly Seating	2018	Clarifies definition
	Special Event Structure	2021	New definition
	Terminated stops	2021	New definition
	Tsunami Design Geodatabase	2018	New definition
	Tsunami Design Zone	2018	New definition
4101:1-3-01	302.1	2018	Modifies the description of occupancy classification and adds mention of occupied roofs to the paragraph
	303.4	2018	Adds certain “Greenhouses” to the list of Group A-3 examples
	306.2	2021	Adds dedicated Energy storage systems and water/sewer treatment facilities to the list of Group F-1 examples
	307.1.1	2021	Clarifies that distilleries and breweries and storage of beer, spirits, and wines in barrels and casks are not Group H
	309.1	2018	Adds certain “Greenhouses” to the list of Group M examples
	310.4	2018	Clarifies that lodging houses with 5 or fewer guest room and 10 or fewer occupants are classified as Group R-3
	310.4.5.1	BBS	Maintains optional compliance path for certain multi-family Group R-3 occupancy buildings
	310.4.5.2	BBS	Adds a new optional compliance path for certain multi-family Group R-3 occupancy buildings (townhouse structures)
	311.1.1	2018	Accessory storage spaces are part of the main occupancy, not considered mixed occupancy, regardless of size, provided that the storage is not a significantly higher hazard than the main occupancy
	311.2	2018	Adds “Self-service storage facilities (mini storage)” to the list of Group S-1 examples
	311.2	2021	Adds alcoholic beverages >16% to the list of Group S-1 examples
	311.3	2021	Adds alcoholic beverage ≤16% to the list of Group S-2 examples
	312.1	2018	Adds communication equipment structures with floor area less than 1500 ft ² to the list of Group U examples

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	312.1.1	2018	Adds a new section clarifying that Greenhouses not classified in another occupancy are Group U
4101:1-4-01	403.2.1.1	2018	Reductions in the Table 601 fire-resistance rating of certain Groups H-2, H-3 and H-5 buildings are no longer permitted
	403.3.2	2021	Extension of two fire pump water mains to Type IVA and IVB buildings over 120 ft
	403.5.5	BBS	Retains model code language for luminous egress path markings, but makes them optional
	404	2021	Restructures "Atrium" section and moves egress requirements to Ch 10
	404.5	BBS	Retains model code language
	404.5	2021	Adds an exception for atrium smoke control for buildings greater than 2 stories meeting certain criteria
	404.6	2018	Adds an exception for atrium separation when the atrium is not required to have a smoke control system
	404.6	2021	Adds 2 exceptions for atrium horizontal separation
	406	2018	Reorganizes and clarifies the requirements for motor vehicle-related occupancies
	406.2.4	2021	Deleted an exception, resulting in sloped floors for Group S-2 parking garages
	406.3	2021	Requires sprinklers for open parking garages exceeding 48,000 sq ft
	407.3.1.1	2021	Corridor door construction in Group I-2
	407.4.4.1	2021	Group I-2 care suite exit access requirements have been changed to reflect CMS requirements
	407.4.4.3	2021	Group I-2 care suite exit access requirements have been changed to reflect CMS requirements
	407.5	2018	Clarifies smoke compartment requirements for Group I-2 occupancies
	407.5.4	2018	Clarifies exit requirements from smoke compartments
	407.6.1	2021	Requires Group I-2 automatically held open doors to close upon sprinkler or fire alarm activation
	411.5	2021 & BBS	New model code language addressing puzzle room exit requirements has been deleted by BBS
	414.2.3	2021	New language that allows fire walls to create separate buildings when determining number of control areas in a building
	415.10.5	BBS	References the Ohio Fire Code for licensed fireworks facilities
	419	2021	Live/work requirements relocated to Section 508
	420.7	2018	Allows certain spaces to be open to fire-resistance-rated corridors in assisted living facilities
	420.8	2018	Allows certain cooking facilities to be open to corridors in certain Group I-1 facilities
	420.10	2018	Allows and addresses cooking facilities within Group R-2 dormitories
	422.6	2018	Addresses ambulatory care facility electrical systems and references NFPA 99 in addition to Chapter 27
	422.7	2021	Clarifies type of cooking appliances permitted in ambulatory care facilities
	423.4	BBS	Adds clarifying storm shelter language for critical emergency operations facilities
	423.4.1	BBS	Addresses occupant capacity for storm shelters for critical emergency operations facilities

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	423.5	BBS	Deletes storm shelter requirements for Group E occupancies
	424	2018 & 2021	New language addressing inside play structures
	427	2018	New language from the IFC addressing medical gas systems
	428	2018	New language addressing higher education laboratories
4101:1-5-01	502.1	BBS	Retaining model code language
	503.1	2018	Clarifies that fire walls define separate buildings only for the purposes of determining types of construction and height and area
	503.1.4	2018 & 2021	Clarifies how to address H & A when an occupied roof is included and requires extension of emergency voice/alarm communication system, if required on floors below, to occupied roof
	T504.3	2021	Adds 3 new construction types for Mass Timber to Allowable Height (in Feet) Table
	T504.4	2021	Adds 3 new construction types for Mass Timber to Allowable Height (in Stories) Table and increases height for Group S-1 of Types IIB and IIIB construction and Group S-2 of Type IV construction
	505.2.1.1	2018	Clarifies the allowable area of mezzanines and equipment platforms
	T506.2 footnote i	2018	Increases allowable area for single-story, non-sprinklered Group U greenhouses
	T506.2	2021	Adds 3 new construction types for Mass Timber to Allowable Area Table and increases area for Group I-3 of Type IIA construction
	506.3.1	BBS	Retaining model code language. Ohio text referencing R.C. 3781.02 was moved to OBC Section 106.1.2.7
	506.3.2	2021	Replaced calculations for frontage increase by providing a new table
	506.3.3.1	2021	Replaced unlimited area building calculation for frontage increase by providing a new table
	507.4	2018	Clarifies that sprinklers are not required in certain Group A-4 indoor sports areas provided that sprinklers are installed in certain other ancillary areas
	507.14	BBS	Retaining model code language. Ohio text referencing R.C. 3781.02 was moved to OBC Section 106.1.2.7
	508.3.1.2	2018	Adds requirements for non-separated mixed occupancy buildings having a Group I-2, condition 2 occupancy
	508.4.1	2018	Clarifies that separated mixed occupancy separation requirements are different than fire area separations used for sprinkler system thresholds
	508.4.4	2021	Clarified fire-resistance-rated separation table for separated occupancies
	508.4.4.1	2021	Adds new language to address Mass Timber occupancy separations
	T509.1	2018	Adds reference to NFPA 70 for separation of electrical installations and transformers
	T509.1	2018 & 2021	Removed Stationary Storage battery system requirements from Table 509.1 and are now regulated through IFC 1027
	509.4.1.1	2021	Adds new language to address Mass Timber incidental use separations
	510.2	2018	Allows vertical offsets in podium building horizontal separation assemblies provided that the vertical offset and

Ohio Building Code Summary of Significant Changes – 2017 to 2024

			the supporting structure of the offset have at least a 3 hour fire-resistance-rating
	510.2	2021	Addresses interior exit stairway requirements for podium buildings
4101:1-6-01	T601 note b	2018	Modifies note to state that fire resistance rating of roof structural members is not required provided the members are greater than 20 above the floor below
	T601	2021	Adds new language to address Mass Timber construction and clarifies footnote c
	602.3	2018	Clarifies that fire-retardant-treated wood sheathing and framing is permitted in certain exterior walls of Type III and IV buildings
	602.4 and 602.4.1-602.4.3	2021	Completely changes Type IV construction paragraph and adds new language to address Mass Timber
	602.4.4	2021	Changes old “heavy timber” type of construction to Type IV-HT and differentiates it from new Mass Timber by adding clarifying subsections
	603.1	2021	No longer allows fire-retardant-treated wood in shaft enclosures of Group I-2 and ambulatory care facilities and requires covering of FRTW roof construction in Group I-2 to be consistent with CMS requirements
4101:1-7-01	703.6	2021	New language addressing “noncombustible protection time contribution” for mass timber construction
	703.7	2021	New language addressing sealing of edges and intersections of elements in mass timber construction
	704.2	2018	Clarifies that columns of light-frame construction that are entirely located between the top and bottom plates are not required to be individually encased
	704.6.1	2021	New language addressing fire protection of secondary attachments to structural members
	705.2	2018	Reduces the required distance from edge of projection to lot line based upon fire separation distance
	705.2.3	2018	Relocates combustible projection requirements from Section 1406
	705.2.3.1	2018	Clarifies that certain plastic composites used for pickets, rails, and guards are permitted in some situations
	705.5	BBS	Retaining model code language. Ohio text referencing R.C. 3781.02 was moved to OBC Section 106.1.2.7
	T705.5 note i	2018	Adds a note that allows non-rated exterior walls of certain R-3 occupancies having a fire separation distance greater than 5 ft
	T705.5	2021	Exterior wall rating table was relocated from Section 602 and modified to address Mass Timber construction types
	705.8.1	2018	Clarifies that each story is considered when determining the allowable area of openings
	706.1	2018	Clarifies that fire walls define separate buildings only for the purposes of determining types of construction and height and area
	706.1.1	2018	Allows certain party walls to not have to be constructed as fire walls under certain conditions
	706.2	2018	Provides an exception that allows floor and roof sheathing to extend through the double wall assembly in some situations
	707.4	2021	Addresses separation of dedicated rooms used for energy storage systems

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	707.5	2021	New exception that allows the fire barrier to create a ceiling of an exit passageway enclosure and not have to extend to the roof deck above
	708.1	2021	Adds additional assemblies that are required to be fire partitions
	708.4	2018	Reformats the requirements for fire partition continuity for clarification
	708.4.1	2021	Clarifies that certain fire partitions do not have to be supported by rated assemblies
	708.4.2	2018	Consolidates fireblocking and draftstopping requirements applicable to combustible construction
	709.4.1	2021	Modified smoke barrier text to recognize horizontal assemblies
	710.5.2.1	2021	Adds an exception to louvers in smoke partition doors
	710.5.3	2021	Addresses pass-through openings in Group I-2, Condition 2 smoke partitions
	713.8.1	2018	Allows membrane penetrations of the outside of a shaft enclosure
	713.12	2021	Clarifies language addressing the top of a shaft enclosure
	713.12.1	2021	Clarifies damper requirements for penthouse mechanical rooms
	715	2021	Clarified language addressing joints and voids of fire-resistance rated assemblies
	T716.1(2)	2021	New language in table to address back-to-back doors in a single opening.
	716.2.2.1.1	2021	Terminated stops are not permitted on elevator lobby doors
	716.2.5.4.1	2021	Addresses separation of dedicated rooms used for energy storage systems
	716.2.6.5	2018	Delayed-action closers are permitted for use on self-closing doors
	716.3.2.1.1.1	2021	Addresses separation of dedicated rooms used for energy storage systems
	716.4	2021	New language to address fabric fire-protective curtain assemblies
	717.2.3	2021	New language allowing static ceiling radiation dampers in certain conditions
	717.4	2021	New language recognizing remote inspection option for dampers
	717.6.2	2021	New language allowing static ceiling radiation dampers in certain conditions
	722.7	2021	New language addressing fire resistance of Mass Timber
4101:1-8-01	803	2018	Clarifies the testing requirements for interior wall and ceiling finishes
	806.9	2021	New language regulating combustible lockers as interior finish
4101:1-9-01	901.2	BBS	Retained model code. Relocated fire protection system plan review, inspection, acceptance testing coordination requirements to OBC Ch 1, Section 107.4.5 & 108.2.13.1

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	901.6.2	2018	Adds a new requirement for verification testing of integrated fire protection systems in accordance with NFPA 4
	902	2018	Prescribes access, signage, temperature, and lighting requirements for fire pump and sprinkler riser rooms
	903.2.1	2018	Clarifies the extent of sprinkler protection for multi-story and mixed occupancy buildings having Group A occupancies
	903.2.1.5.1	2018	Requires sprinklers in some enclosed spaces under grandstands or bleachers
	903.2.3	BBS	Retains the model code sprinkler area threshold for Group E
	903.2.3	2018	Adds an occupant load sprinkler threshold for Group E
	903.2.4.2	2021	Requires sprinklers for Group F-1 fire areas used for manufacturing of distilled spirits
	903.2.4.3	2021 and BBS	Clarifies and retains model code language for upholstered furniture/mattress manufacturing
	903.2.4		
	903.2.7.2	2021 and BBS	Clarifies and retains model code language for upholstered furniture/mattress display and sales
	903.2.9.3	2021	Requires sprinklers for Group S-1 fire areas used for bulk storage of distilled spirits or wine
	903.2.9.4	2021 and BBS	Clarifies and retains model code language for upholstered furniture/mattress storage
	903.2.10 #3	2021	Requires sprinklers for open parking garages exceeding 48000 sq ft
	903.2.10 #3	BBS	Adds a sprinkler exception for open parking garages that are used exclusively for the parking of private motor vehicles, are not part of a mixed occupancy building, and are separated from other buildings by a fire separation distance of 30 feet.
	903.2.10.2	2021	Requires sprinklers for mechanical-access enclosed parking garages
	903.3.1.1.2	2018	Deletes the sprinkler requirement for < 55 ft ² bathrooms in Group R-4
	903.3.1.2	2021	Modifies the applicability of the NFPA 13R standard
	903.3.1.2.1	2018	Requires sprinkler protection of exterior balconies, decks and patios with roofs of unprotected combustible construction
	903.3.1.2.2	2021	Additional sprinkler location requirements added to sprinkler systems designed to the NFPA 13R standard
	903.3.1.2.3	2018	Requires attic sprinkler protection of certain mid-rise multi-family residential buildings
	904.11	2018	New reference to NFPA 750 for water mist systems
	904.12	2018	Relocates language addressing aerosol fire-extinguishing systems from Section 904.14
	904.13	2018	Kitchen hood suppression systems must now also comply with NFPA 96
	904.13	2018	Kitchen hood suppression system now required for domestic cooking appliances installed in some Group I-1 and Group R-2 dorms
	905.3.1	2018	Requires Class III standpipes when a building is 4 or more stories above grade plane and allows Groups B and E to install Class I instead of Class III. Also provides an exception that allows Class I when the occupants are not trained to use hose lines.
	905.3.1	2021	Modifies parking garage standpipe requirements

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	905.3.1	BBS	Retains 2017 OBC standpipe exceptions for open parking garages
	905.4	2018	Standpipe hose connections are now required at the main stair landing, not intermediate. An exception was added to allow a hose connection in an open corridor or breezeway between open stairs
	907.2.1	2018	Adds an additional trigger for a Group A manual fire alarm system when the occupant load is more than 100 above or below the level of exit discharge
	907.2.10	2018	Manual fire alarm and smoke detection systems are no longer required in Group R-4
	907.2.10	2021	Manual fire alarm required in certain Group S public/self-storage occupancies
	907.2.11	BBS	References the RCO Section 314.1.2 which requires both ionization and photoelectric and ionization smoke alarm technologies on each story
	907.5.2.1.3	2021	Adds requirements for low-frequency alarm signal in Group R-1 and R-2 (already required in NFPA 72)
	909.20	2021	Adds a new smokeproof enclosure design option
	911	2021	Adds requirement for fire command center for Group F-1 and S-1 occupancies greater than 500,000 sq ft
4101:1-10-01	T1004.5	2018	Adds a concentrated business use area to the occupant load factor table
	1004.8	2018	Adds language describing the concentrated business use area (higher density than typical office) occupant load calculation method
	1006.2.1	2018	Clarifies the occupant load consideration for common path of egress travel distance
	T1006.2.1	2018	Clarifies single-exit and travel distance requirements for Group R-2 and R-3
	1006.2.1	2021	Removes common path of travel limitations from unoccupied mechanical rooms and penthouses
	1006.3	2018	Clarifies egress requirements for occupant traveling from adjacent stories or occupied roofs
	1006.3	2021	Addresses how to calculate number of exits when an occupied roof is involved
	1006.3.4	2021	Clarifies intent for single exit stories
	1008.2.1	2021	Changes minimum stairway illumination requirement from 1 footcandle to 10
	1008.2.2	2018	Clarifies that illumination to minimum levels is still required when a single lamp in a luminaire fails
	1008.2.3	2018	Clarifies exit discharge illumination requirements
	1008.3.5	2018	Clarifies that illumination to minimum levels is still required when a single lamp in a luminaire fails
	1009.2.1	2021	Clarifies that occupied roof counts when determining when an elevator is required for accessible means of egress
	1009.6.2	2021	Provides an area of refuge stairway access exception
	1009.6.3	2021	Increases area of refuge wheelchair space size to 30"x52"
	1009.7.2	2018	Provides an exception for area of rescue assistance fire-resistance-rated exterior wall requirements for sprinklered buildings
	1010.1.1	2018	Door sizes and clear opening requirements have been coordinated with ICC A117.1

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	1010.1.1 Exception #11	2021	Provides an exception for maximum door width of swinging doors and allows certain doors to have a 20 inch clear opening
	1010.1.1.1	2021	Provides an exception that allows power door operators and electromagnetic door locks to be within clear opening of door
	1010.1.3	2021	Modifies door opening force to match ICC A117.1
	1010.2.4	2021	Modifies locking provisions to address courtyards and certain institutional occupancies
	1010.2.7	2018	Allows all stairway doors, not just those serving 4 or fewer stories, to be locked from the non-egress side
	1010.2.8	2018	Adds new model code language allowing for enhanced security locking arrangements for Groups B & E when certain conditions are met. This is a different approach than the unique Ohio locking arrangement utilizing TDLDs now found in Section 1010.2.16
	1010.2.8	2021	Expands section to allow special locking arrangements for Group I-4
	1010.2.9.1	2021	Adds requirement for panic hardware for refrigeration machinery room doors
	1010.2.13	2018	Expands the use of delayed egress locking systems to Groups B, F, I, M, R, S, U, and E (when the occupant load is less than 50) when certain conditions have been met and allows delayed egress on exit and exit access doors serving courtrooms
	1010.2.16	BBS	Relocates Temporary Door Locking Device (TDLD) requirements from Section 1010.4.
	1010.2.16	BBS	Expands Temporary Door Locking Device (TDLD) use to other than Group E
	1010.3.2	2018	Adds new language specifically addressing security access turnstiles
	1011.6	2021	Provides exceptions for curved and 90-degree stair landing
	1011.16	BBS	Adds a new exception for elevator pit ladders
	1013.2	2018	Requires low-level exit signs in Group R-1 occupancies required to have exit signs
	1015.6	2018	Provides an exception for guards when ANSI/ASSE Z359.1 personal fall arrest/restraint anchorage connector devices are provided
	1015.7	2018	Provides an exception for guards when ANSI/ASSE Z359.1 personal fall arrest/restraint anchorage connector devices are provided
	1016.2	2021	Allows egress through enclosed elevator lobby for certain spaces
	1017.3	2018	Clarifies that measuring egress travel distance and common path of travel is not a per story measurement
	1019.3	2021	Clarifies open exit access stairway requirements
	T1020.2	BBS	Replaces table with table that clarifies intent and recognizes Ohio sprinkler exceptions
	1020.5	2021	Allows certain Group I-2 dead-end corridors to extend to 30 feet
	1023.3.1	2018	Provides a new exception to eliminate fire-resistance-rating when an interior exit stairway and an exit passageway are pressurized

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	1023.5	2018	Clarifies that fire protection systems, security systems, and communication systems are permitted to penetrate exit stairway enclosures
	1024.6	2018	Clarifies that fire protection systems, security systems, and communication systems are permitted to penetrate exit passageway enclosures
	1025.1	2018	Luminous egress path markings are no longer required for high-rise Group I-2, I-3, or I-4 occupancies
	1026.4	2018	Clarifies how to size the refuge area capacity of a horizontal exit
	1029.6	2018	Clarifies open-air assembly seating aisle capacity requirements
	1030.1	2018	Clarifies which occupancies and how many Emergency Escape and Rescue Openings (EERO) are required
	1030.16	2021	Requires 2 “social stair” handrails when stepped aisle is 74” or more. Mid-aisle rail is required to be discontinuous.
	1031	2021	Clarifies ladder, step, and drainage requirements for Emergency Escape and Rescue Opening (EERO) area wells.
4101:1-11-01	1102 & Ch 35	2021 & BBS	The A117.1 standard has been updated to the 2017 edition for new construction and additions and allows the 2009 edition to be used for change of occupancy and alterations
	1102.1	BBS	Modifications to the A117.1 standard have been relocated from Section 1112
	1102	BBS	References Ch 34 for existing buildings (moves reference from Section 1103.2.15)
	1103.2.14	2018	Clarifies when walk-in coolers and freezers are exempt from accessibility requirements
	1104.4	2021	Clarifies that 3000 ft ² exception for connected accessible route does not apply to multi-story, multi-family buildings having 4 or more dwelling units
	1105.1.1	2021	In certain Group A, B, M, and R-1 occupancies, requires at least one accessible public entrance door to be an automatic door
	1107	2021	Adds new Section for motor vehicle related facilities and requirements to address accessibility of Electrical Vehicle (EV) charging stations
	1108	2021	Renumbers former Section 1107 addressing Dwelling Units and Sleeping Units
	1108.5	2021	Allows that a certain number of water closets and showers in nursing homes and assisted living be assisted-use rather than fully accessible
	1109	2021	Renumbers former Section 1108 addressing Special Occupancies
	1110	2021	Renumbers former Section 1109 addressing Other Features and Facilities
	1110.2.1.2	2018 & BBS	Allows child height plumbing fixtures, changing tables, and other accessories to be within a family or assisted-use toilet room
	1110.6	2021	Requires that bottle-filling stations be accessible
	1110.13.2	2021	Clarifies that at least one of each type of sales and service counter/windows be accessible
	1110.15	2021	Clarifies that A117.1 has certain exceptions that may apply to the accessibility requirement of controls and operable parts

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	1110.16	2018	Clarifies accessibility requirements for gaming machines and tables
	1110.18	BBS	Adds requirements for adult changing stations
	1111	2021	Renumbers former Section 1110 “Recreational Facilities”
	1111.4.13	2018	Clarifies that children’s play areas are required to be on an accessible route
	1112	2021	Renumbers former Section 1111 “Signage”
	1113	BBS	Adds requirements for adult changing stations
4101:1-12-01	1202.3	2021	Adds a new option for unvented attics (not applicable in Ohio)
	1206.2	2018	Adds a performance approach for determining sound transmission class
	1206.3	2018	Adds a performance approach for determining impact insulation class
	1207	2021	Adds a requirement for enhanced classroom acoustics in Group E where the classrooms exceed 20,000 ft ³ volume.
	1208.4	2021	Minimum floor area of an efficiency dwelling unit has been reduced to 190 ft ²
	1210.3	2021	Adds a requirement and exception for visual screening at public restrooms
	1210.3.1	BBS	References IAPMO/ANSI/CAN Z124.10 standard for privacy requirements for water closet partitions used in all-gender facilities
4101:1-13-01	1301.2	BBS	Provides Ohio modifications to the 2021 IECC
	1301.3	BBS	Provides Ohio modifications to the 2019 ASHRAE 90.1
4101:1-14-01	T1404.2	2018	Modifies the table for minimum thickness of weather coverings
	1404.3	2021	Clarifies vapor retarder requirements
	1404.18	2018	Allows polypropylene siding on exterior walls of all construction types provided certain requirements are met
	1406.10	2021	Simplifies and clarifies surface-burning and thermal barrier requirements for metal composite materials (MCM) used for exterior cladding
4101:1-15-01	1503.3	2021	Adds a requirement for parapet wall moisture resistance
	1504.4.3	2018	Adds language specifically addressing metal roof shingles
	1504.5	2021	All requirements for ballasted low-slope single-ply roof systems are now found in the SPRI RP-4 standard
	1504.9	2021	Aggregate-surfaced roofs are now required to have a parapet of a certain height based upon wind exposure and speed to prevent blow-off.
	1507.1.1	2018	Relocates roof underlayment requirements to one common location
	1507.1.2	2018	Relocates ice barrier requirements to a common location in the code
	1507.17	2018	Adds language addressing building-integrated photovoltaic roof panels
4101:1-16-01	1603.1	2018	Updates construction document requirements for structural components
	1603.1.4	2021	Requires ASCE 7 component and cladding wind zones to be identified on the construction documents
	1604.3.7	2018	Addresses limits for deflection of glass framing
	T1604.5	2021	Clarifies that certain mixed occupancy buildings having public assembly spaces are Risk Category III

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	1604.5.1	2018	Clarifies that the presence of a storm shelter in a building does not change the risk category of the building unless the storm shelter is designated as an emergency shelter per Table 1604.5
	1604.10	2018	References to ICC 500 for storm shelter structural loads
	1605	2021	The strength load combinations and the basic allowable stress load combinations are now found exclusively in the 2016 ASCE 7
	1606	2021	Clarifies that the weight of materials of construction, fixed service equipment, photovoltaic panel systems, and vegetative and landscaped roofs are to be used in determining design dead loads
	T1607.1	2018	Modifies live load for decks to be consistent with the 2016 ASCE 7
	T1607.1	2018	New table footnotes clarify where live loads can be reduced
	1607.11.4	2021	Addresses the design loads for fall arrest, lifeline, and rope descent system anchorage
	1607.16.2	2018	Prescribes a minimum live load of 5 psf for fire walls
	1607.17	2021	Addresses live loads for fixed ladders and ships ladders
	1607.18	2021	Addresses live loads for library stacks
	1607.19	2021	Addresses loads for Assembly seating
	1607.20	2021	Addresses loads for Sidewalks, driveways, and yards
	1607.21	2021	Addresses loads for Stair treads
	1607.22	2021	Addresses loads for Attics in residential occupancies
	F1608.2	2021	Snow load maps have been updated (not applicable in Ohio)
	1609	2018	Updates maps and the terminology for design wind speed from “ultimate” to “basic” to be consistent with the 2016 ASCE 7
	1610.2	2021	Basement floors and slab foundations are now specifically required to be designed to resist soil heave
	1611	2021	Rain loads are now consistent with the 2016 ASCE 7 requirements
	1612.4	2021	A flood emergency plan is required when the building is within a flood hazard area
	1613	2018	Seismic site coefficients have been updated to be consistent with the 2016 ASCE 7
	1613.2.1	2018	Seismic maps have been updated to reflect the NEHRP provisions and the 2016 ASCE 7 standard
	1615	2018	Adds language addressing tsunami loads
4101:1-17-01	1704.6	2018	Requires structural observations for high-rise and risk category IV buildings
	1704.6	2021	Clarifies the distinction between special inspections and structural observations
	T1705.3	2021	Adds a special inspection requirement for precast concrete diaphragm connections
	1705.4.1	2021	Removes the allowance for empirically designed masonry in Risk Category IV buildings, consistent with TMS 402
	1705.5.2	2018	Requires special inspection of metal-plate-connected wood trusses that are greater than or equal to 5 ft tall
	1705.5.3	2021	Adds a special inspection requirement for mass timber construction

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	1705.10	2021	Allows the building official to require an engineering assessment when installed deep foundations appear to have structural issues
	1705.12.1	2018	Clarifies exceptions for special inspections of structural steel seismic-force-resisting systems and elements
	1705.13.1	2018	Clarifies exceptions for testing of structural steel seismic-force-resisting systems and elements
	1705.13.6	2018	Adds periodic special inspection requirements for sprinkler piping in some seismic areas to ensure that required clearances are maintained from building services piping and ductwork
	1705.13.7	2021	Clarifies special inspection requirements for certain steel storage racks that are 8 feet or more in height
	1705.18	2021	Adds a special inspection requirement for fire stops, fire-resistant joint systems and fire barrier systems in Group R fire areas having an occupant load exceeding 250
	1705.20	2021	Adds a special inspection requirement for mass timber sealing and adhesives
	1705.21	BBS	Adds a special inspection requirement for medium and high voltage electrical systems
	1709.5.2.1	2021	Adds a label requirement for garage doors
	1709.5.3	2021	Adds impact protective system requirements for buildings in windborne debris regions
4101:1-18-01	1804.4	2018	Provides an exception for maintaining the minimum slope of 2% away from the building
	1807.2	2018	Deletes the requirement for a keyway in the design of retaining walls
	1809.5.1	2021	Frost protection required at exterior door landings
	T1810.3.2.6	2021	Modifies allowable stresses for materials used in deep foundation elements
	1810.3.3.1.9	2021	Clarifies application of axial design load calculation for helical piles
	1810.3.5.3.1	2021	References AISC 341 for the design of structural steel H-piles
	1810.3.6	2021	Adds an exception that allows certain splices to not comply with 50% tension and bending stress requirements
	1810.3.8	2018	Precast prestressed pile seismic equations have been updated to be consistent with 2016 ASCE 7
	1810.3.8	2021	References ACI 318 for the design of precast concrete piles
	1810.3.11	2021	References ACI 318 for the design of pile caps
	1810.4.5	2021	Provides 2 new exception for load tests of piles installed using vibratory drivers
4101:1-19-01	1901.2 & Ch 35	2021	ACI 318 has been updated to the 2019 edition
	1901.7	2021	References ACI 117 and ITG-7 for structural concrete tolerances
4101:1-20-01	No significant changes		
4101:1-21-01	2109.2.4.8	2021	Adds new language addressing plaster for adobe construction
4101:1-22-01	2205.2.1	2021	Certain beam -to- column moment connections are now required to be prequalified or qualified by testing
	2207.1	2018	References a new standard (the 2015 SJI-100) for steel joists
	2209.2	2018	References a new standard (RMI ANSI/MH 16.3) for cantilevered steel storage racks

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	2209.3	2021	A certificate of compliance is required to be submitted to the owner from the installing contractor of racks greater than 8 feet high indicating that the racks were installed per approved plans
	2211	2018	References several AISI standards for cold-formed steel light-framed construction
4101:1-23-01	2303.2	2021	Some language was removed because the same text is now found in the ASTM E84 standard
	2303.2.2	2018	Clarifies type of chemical treatment permitted to be used to treat fire-retardant-treated lumber
	2303.4.1.2	2021	Adds language specifically addressing the diagonal bracing and restraint of wood truss members
	2303.6	2018	References Supplement 1 of ASTM F1667 for nails and staples and prescribes minimum average bending moment values
	T2304.9.3.2	2018	Adds a nail fastener schedule for mechanically laminated decking
	T2304.10.1	2018	Coordinates the IBC and IRC for fastening of roof, subfloor, and interior wall wood structural panels and other sheathing
	2304.10.1	2021	Adds language addressing mass timber connection fire-resistance rating
	T2304.10.2	2021	Adds fastener options that are consistent with the new ASCE 7 wind loads
	2304.10.6	2018	References standard ASTM F1667 for stainless steel fasteners
	2304.11	2018	Prescribes minimum dimension for heavy timber elements
	2304.11	2021	Allows concealed spaces in certain Type IV-HT buildings
	2304.12.2	2018	Requires positive drainage of permeable floors and roofs to protect wood construction below
	2305	2021	References 2021 edition of AWC SDPWS standard for shear wall and diaphragm design
	2308.4.1.1	2018	Header and girder span tables for walls have been updated to reflect southern pine design value changes
	2308.5.5.1	2018	Allows single-member lumber headers at opening in exterior bearing walls
	2308.6.6.2	2021	Clarifies cripple wall requirements
	T2308.7.3.1	2021	Updates the rafter tie connection table
4101:1-24-01	2407.1	2018	Clarifies requirements for glass guards
4101:1-25-01	2510.6	2018	Adds a requirement for a ventilated air space between stucco and water-resistive barrier in CZs 1A-3A (not applicable in Ohio)
	2510.6	2021	Adds language for water-resistive barriers for stucco
4101:1-26-01	2603.13	2018	Adds requirements to address cladding attachment over foam sheathing and wood framing
4101:1-27-01	2702.1.2	2021	Adds requirements for fuel-line piping protection
4101:1-28-01	No significant changes		
4101:1-29-01	T2902.1	2018	Added note f for swimming pool fixture quantities
	T2902.1	BBS	Retained model code fixture values, moved footnote f from “outdoor sporting events and activities” to “assembly” cell and deleted current Ohio footnotes f and g as redundant
	2902.1.1	2021	Adds exceptions that provides an alternate fixture count calculation method when multiple-user, all-gender facilities are installed (not permitted in Group E) or when single-user toilet and bathing room fixtures are installed

Ohio Building Code Summary of Significant Changes – 2017 to 2024

	2902.1.2	2021 & BBS	Clarifies that single-user toilet and bathing room fixtures can count toward total required number of fixtures
	2902.2	2021	Clarifies that certain facilities are not required to be separated and designated by gender
	2902.3.3	2021	Allows the travel distance to required fixtures in Group S to exceed 500 ft when approved by the building official
	2903.1.4	BBS	References IAPMO/ANSI/CAN Z124.10 standard for privacy requirements for water closet partitions used in multi-user, all-gender facilities
4101:1-30-01	3001.2	2018	Adds a requirement for visual, text-based, and video two-way emergency elevator communication system in accessible elevators to meet the needs of deaf, hard of hearing and speech impaired individuals
	3001.2	2021	Clarifies performance and functional requirements of required two-way emergency elevator communication system
	3006.2.1	2018	Clarifies that when an elevator hoistway opens into a rated corridor, protection is required at the hoistway opening via an elevator lobby, additional doors, or pressurization of the hoistway
	3007.1	2018	Clarifies that fire service access elevators only need to serve at and above the lowest level of fire department vehicle access and do not need to be provided when the elevator only connects a parking garage and the lobby of an attached building
	3008.1.1	2018	Requires that the number of Occupant Evacuation Elevators is determined from a required egress analysis
4101:1-31-01	3103.1	2021	Clarifies that special event structures are a type of temporary structure
	3107	BBS	References and modifies the 2021 IBC Appendix H for signs
	3109	BBS	Significantly modifies the language addressing public swimming pools
	3111	2018 & 2021	Addresses solar energy systems in greater detail
	3112	2018	Addresses greenhouse construction
	3113	2018	Adds a new section addressing Relocatable buildings. Ohio deletes this section and, instead, references the Industrialized Unit (IU) program rules.
	3114	2021	Provides criteria for public restrooms installed in flood hazard areas
	3115	2021	Provides new language to address shipping containers used in the construction of a building
4101:1-32-01	No significant changes		
4101:1-33-01	3310.1	2018	Requires at least one stairway to be provided when a building under construction reaches a height of 40 ft
	3313	2021	Requires that fire protection water supply be available at the site for certain buildings during construction
	3314	2018	Allows the fire official to require a fire watch for construction that exceeds 40 ft. BBS deletes this new language because it is located in the International Fire Code.
4101:1-34-01	Ch 34	2021	References and modifies the 2021 International Existing Building Code (IEBC) for use in Ohio
	IEBC	2021	Adds a new optional compliance path for existing buildings called the “Work area method”
4101:1-35-01	Referenced standards	2021 & BBS	Updates numerous NFPA referenced standards

Ohio Building Code Summary of Significant Changes – 2017 to 2024

		BBS	References the 2021 International Fire Code, except for fireworks facilities. Fireworks facilities will be referred to the Ohio Fire Code for requirements
--	--	-----	--