

Comparison of all 50 States' Building Codes

DRAFT

DOE Building Energy Codes Program: rates level of Energy Code goals (not level of enforcement)

(Note: Their data is dated June 2023 but it seems to be out of date. Using their rating but question AZ, AR, HI, IL, LA, MN, MS, NC, ND)

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| Level of building code authority and administration (including enforcement) |
| Statewide authority; mandated local or state administration |
| Statewide authority; optional town or county administration |
| Authority and administration is by town or county (optional) |
| No authority over single family homes except in some cities |

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| Statewide to ASHRAE 2019 or better |
| Statewide to ASHRAE 2013 or better |
| Statewide at some minimum level |
| No energy code except in some municipalities |

| State | Pacific States | | | | | Mountain States | | | | Plains States | | | | | North-Central States | | | | | | | | | | | | | |
|--|----------------|--------------|------|------------------|------------|-----------------|-----------|------|------|---------------|------|------|-----------|-----------|----------------------|------|------|----------|-----------------|------|------|--------------------|----------------|------|-----------|------|-------|-----|
| | AK | CA | HI | OR | WA | AZ | CO | ID | MT | NM | NV | UT | WY | KS | ND | NE | OK | SD | TX | IA | IL | IN | MI | MN | MO | OH | WI | |
| Commercial: Edition of IBC with amend's | 2021 | 2021 | 2018 | 2021 | 2021 | By county | By county | 2018 | 2021 | 2021 | 2018 | 2018 | 2021 | By County | 2021 | 2018 | 2018 | 2018 | Local authority | 2015 | 2021 | 2012 | 2015 | 2018 | By County | 2015 | 2021? | |
| Commercial Energy Code | None | 2022 CA Code | 2021 | ASHRAE 90.1-2019 | 2021 | By county | By county | 2018 | 2021 | 2018 | 2021 | 2018 | By County | 2006 | 2021 | 2018 | 2006 | 2015 IBC | 2015 | 2012 | 2021 | 2010 | 2015 | 2018 | By County | 2012 | 2021? | |
| Small Resid'l: Edition of IRC with amend's | none | 2021 | 2018 | 2018 | 2021 | By county | By county | 2018 | 2021 | 2021 | 2018 | 2015 | By County | By County | 2021 | 2018 | 2018 | 2015 | Local authority | 2015 | 2021 | 2018 | 2015 structure | 2018 | By County | 2018 | 2015 | |
| Residential Energy Code | 2018 | 2022 CA Code | 2021 | 2018 | 2021 | By county | By county | 2018 | 2021 | 2018 | 2021 | 2018 | By County | By County | 2021 | 2018 | 2009 | 2009 | 2015 | 2012 | 2021 | 2018 | 2015 | 2018 | By County | 2012 | 2009 | |
| Local Gov't may restrict further | Yes | Yes | Yes | No | Comm. Only | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes-bldg No-energy | ?? | ?? | No? | Yes | ? | Yes |

| State | Northeast States | | | | | | | | | | Southeast States | | | | | | | | | | | | |
|--|------------------|-----------|-----------------|------|------|------|------------------|------|------|------|------------------|------------------|-----------|------|------|------|------|------|------|------|------|------|------------------|
| | CT | DE | MA | MD | ME | NH | NJ | NY | PA | RI | VT | AL | AR | FL | GA | KY | LA | MS | NC | SC | TN | VA | WV |
| Commercial: Edition of IBC with amend's | 2021 | By County | 2015 | 2021 | 2015 | 2018 | 2021 | 2018 | 2018 | 2018 | 2015 | 2021 | 2021 | 2018 | 2018 | 2015 | 2021 | 2018 | 2018 | 2021 | 2012 | 2018 | 2018 |
| Commercial Energy Code | 2021 | 2018 | 2018 | 2021 | 2015 | 2018 | ASHRAE 90.1-2019 | 2018 | 2018 | 2018 | 2018 | ASHRAE 90.1-2013 | 2018/2021 | 2018 | 2015 | 2012 | 2021 | 2018 | 2018 | 2009 | 2012 | 2018 | ASHRAE 90.1-2007 |
| Small Resid'l: Edition of IRC with amend's | 2021 | By County | 2015 | 2021 | 2015 | 2018 | 2021 | 2018 | 2018 | 2018 | NONE | By County | 2021 | 2018 | 2018 | 2018 | 2021 | 2018 | 2018 | 2021 | 2018 | 2018 | 2018 |
| Residential Energy Code | 2021 | 2018 | 2018 | 2021 | 2015 | 2018 | 2021 | 2018 | 2018 | 2018 | 2018 | 2015 | 2018/2021 | 2018 | 2015 | 2012 | 2021 | 2018 | 2018 | 2009 | 2018 | 2018 | 2009 |
| Local Gov't may restrict further | No | Yes | Yes-energy only | Yes | Yes | Yes | No | Yes | Yes | No | Yes | Yes | ? | Yes | Yes | No | No | Yes | No | Yes | Yes | No | Yes |

CODE NOTE: Many states adopt non-ICC codes as well. To simplify discussion, only ICC codes are identified here.

- STATE NOTES:**
- Alabama - check to confirm residential. Website for ADECA was down. 22 counties do not adopt residential codes??
 - Alaska - Housing that is financed is covered by these codes. Non-financed housing is not covered by codes except in some cities. Same true w commercial?
 - Arizona - The only county that does not have a code is Greenlee, population 9,000.
 - Arkansas -confirm enforcement is statewide. One document implies it's optional.
 - Colorado - Just passed a statewide energy code. It appears 11 counties do not have building codes.
 - Delaware - Adoption is optional, but every county has adopted the building code.
 - Hawaii -- confirm counties have to enforce. Not clear.
 - Idaho - It appears 6 counties do not have building codes.
 - Illinois - State website makes the code seem mandatory. But one website says many towns do not.
 - Iowa - has 3 state building inspectors to cover places there is no local official.
 - Indiana - local enforcement; 4 default state inspectors for counties that do not administer.
 - Kansas - many counties do not adopt building codes.
 - Kentucky - confirm local enforcement is optional.
 - Louisiana - municipalities must enforce. They may use 3rd party inspectors.
 - Maryland - confirm local adoption is mandatory.
 - Massachusetts - confirm state enforces via locals. No local adoption/enforcement right?
 - Michigan -- CONFIRM (1) building codes (2) energy codes are state adopted, mandatory enforcement
 - Mississippi - confirm all. Confirm IECC is mandatory. 2 counties do not adopt codes.
 - Missouri - 9 counties do not adopt codes.
 - Nebraska - State can enforce energy code if county does not.
 - Nevada - Statewide code; administered by county. Some counties have not adopted the energy code (but are supposed to...website may be out of date.
 - North Dakota - 10 sparsely populated counties do not have codes. 90% of the population lives in counties with codes.
 - Ohio - not clear. State codes but only guidance? All adoption and enforcement is local? Do all counties or cities enforce?
 - Oklahoma - "in most cases, in counties & cities where there is no enforcement, jurisdiction goes to the state fire marshal." CHECK.
 - Pennsylvania - 90% of all municipalities enforce locally. For towns that have opted out, the State inspects commercial. Residential owners must hire inspectors.
 - South Dakota - Confirm all fields w inspector. Websites do not agree.
 - Texas - At least 16 of 254 counties do not adopt building codes.
 - Utah - mandatory minimum state codes. Optional for towns to adopt; confirm all have adopted.
 - West Virginia - 7 counties have not adopted codes? Can they make their code more restrictive? Is the State the default if town does not adopt?
 - Wyoming - It appears 7 counties do not adopt building codes.