

DWELLING UNIT 120 volt AFCI Protected Receptacle Outlets - REQUIRED LOCATIONS												
DATE OF NEC EDITION	BEDROOMS	FAMILY ROOMS	DINING ROOMS	LIVING ROOMS	PARLORS	LIBRARIES	DENS	SUNROOMS	RECREATION ROOMS	CLOSETS	HALLWAYS	SIMILAR AREAS OR ROOMS
1999	X <sub>1a</sub>											
2002	X <sub>1b</sub>											
2005	X <sub>1b</sub>											
2008	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>	X <sub>1c</sub>
2011	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>	X <sub>1d</sub>

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- 1a. All 120-volt 15 and 20 amp branch circuits supplying RECEPTACLE OUTLETS in all bedrooms, i.e., AFCI is at breaker panel - Effective Date is January 1, 2002.
- 1b. All 120-volt 15 and 20 amp branch circuits supplying all OUTLETS in all bedrooms, i.e., AFCI is at breaker panel.
- 1c. All 120-volt 15 and 20 amp branch circuits supplying all OUTLETS in family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or area, i.e., AFCI is at breaker panel - EXCEPT:
- Exception 1 Where rigid conduit, intermediate conduit, EMT, or Type AC steel armored cable using metal outlet and junction boxes is used between the breaker and the first receptacle of a circuit, the AFCI device is permitted to be installed at the first outlet in the circuit.
  - Exception 2 Power limited fire alarm circuits provided those circuits are installed in rigid conduit, intermediate conduit, EMT, or Type AC steel armored cable using metal outlet and junction boxes - no AFCI protection is required. This exception will rarely be applicable for dwelling units.
- 1d. All 120-volt 15 and 20 amp branch circuits supplying all OUTLETS in family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or area, i.e., AFCI is at breaker panel - EXCEPT:
- Exception 1 Where rigid conduit, intermediate conduit, EMT, Type MC, or Type AC steel armored cable using metal outlet and junction boxes is used between the breaker and the first receptacle of a circuit, the AFCI device is permitted to be installed at the first outlet in the circuit.
  - Exception 2 Where metal or nonmetallic conduit or tubing is encased in not less than 2 inches of concrete between the breaker and the first receptacle of a circuit, the AFCI device is permitted to be installed at the first outlet in the circuit.
  - Exception 3 Power limited fire alarm circuits provided those circuits are installed in rigid conduit, intermediate conduit, EMT, or Type AC steel armored cable using metal outlet and junction boxes - no AFCI protection is required. This exception will rarely be applicable for dwelling units.