

Functional Classification Fact Sheet

Background

Functional classification (FC) groups roads into classes according to their character and the role they play in the overall roadway network. For each classification, a road is further identified as being urban or rural based on its location within the [Urbanized Area](#). Each class is described below. (FC codes 1-9 are for rural areas, and 11-19 are for urban areas).

- [Principal Arterial Interstate \(FC 1/11\)](#): these roads support long-distance travel and are officially designated as Interstates by U.S. DOT (e.g., I-84).
- [Principal Arterial Expressway \(FC 2/12\)](#): travel lanes on these roads are usually separated by some type of physical barrier and have limited access points, such as on- and off-ramps or very limited at-grade intersections (e.g., Taconic State Parkway; Route 9 in the City of Poughkeepsie).
- [Principal Arterial Other \(FC 4/14\)](#): these roads serve major urban centers, provide a high degree of access, and can also provide access through rural areas. Unlike expressways, adjacent land uses are typically served directly by these Arterials (e.g., Routes 22, 44, 52, & 55; most of Routes 9 & 9D).
- [Minor Arterial \(FC 6/16\)](#): these roads provide access for trips of moderate length and serve smaller geographic areas than Principal Arterials (e.g., Routes 113 & 199; sections of Routes 9G, 82, 115, & 376; CR 28, 77, & 104).
- [Major Collector \(FC 7/17\) & Minor Collector \(FC 8/18\)](#): these roads gather traffic from Local Roads and funnel them to the Arterial network (e.g., CR 34-Baxtertown Rd & CR 35-Osborne Hill Rd in Fishkill; CR 19-Slate Quarry Rd in Clinton & Rhinebeck; CR 67-Quaker Hill Rd in Pawling).
- [Local Roads \(FC 9/19\)](#): these roads are not intended for long distance travel, but instead provide the most direct access to adjacent land uses.

Federal-aid Eligibility

Functional classification directly relates to federal-aid eligibility, or whether a road or other facility may receive federal transportation funding. Federal-aid highways are all public roads except for local roads (FC 9/19) and rural minor collector roads (FC 8). They can include state, county, city, town, and village roads. Based on our current functional classification map, about 26 percent of centerline mileage in Dutchess County (651 lane miles) is federal-aid eligible. DCTC's [Moving Dutchess Forward transportation map](#) shows roads in Dutchess County that are eligible for federal aid, and NYSDOT's [Functional Class Viewer](#) shows each road's functional classification.

Dutchess County Functional Classification Summary

Functional Classification	Total Centerline Mileage	Total Federal-Aid Eligible	% Federal-Aid Eligible
Rural			
Principal Arterial Interstate (1)	2	2	20%
Principal Arterial Expressway (2)	32	32	
Principal Arterial Other (4)	66	66	
Minor Arterial (6)	23	23	
Major Collector (7)	99	99	
Minor Collector (8)	155	0	
Local (9)	753	0	
Total Rural	1,130	222	
Urban			
Principal Arterial Interstate (11)	46	46	31%
Principal Arterial Expressway (12)	22	22	
Principal Arterial Other (14)	83	83	
Minor Arterial (16)	72	72	
Major Collector (17)	196	196	
Minor Collector (18)	10	10	
Local (19)	946	0	
Total Urban	1,375	429	
Total	2,505	651	26%