

Currently in Hamilton County, three special districts combine fire and/or ambulance services over multiple jurisdictions.

A Joint fire and/or ambulance district provides services in a legally designated area. Special districts are governed by a separate board, and are required to submit a tax budget to the Auditor's Office. A uniform tax rate is levied against all jurisdictions specified in the district.

The special districts in Hamilton County are as follows and are comprised of the listed jurisdictions:

- Deer Park-Silverton Joint Fire District-City of Deer Park & City of Silverton;
- Little Miami Joint Fire & Rescue District-Village of Fairfax, Village of Newtown, and within Columbia Township the Kenwood Fire District, the Little Miami Fire District, and the Madison Place Fire District;
- Western Joint Ambulance District-Village of Cleves, City of Harrison, Crosby Township, Harrison Township, & Whitewater Township