

Table S1. Early-onset colorectal cancer hot spot counties among women in the United States: CDC, 1980-2017. FIPS, Federal Information Processing Standard.

County, US State	FIPS Code	US Region
Total	191 Total Counties	
Jefferson County, AL	1073	South
Lee County, AL	1081	South
Marshall County, AL	1095	South
Morgan County, AL	1103	South
St. Clair County, AL	1115	South
Shelby County, AL	1117	South
Fairfield County, CT	9001	Northeast
Litchfield County, CT	9005	Northeast
Kent County, DE	10001	South
New Castle County, DE	10003	South
Brevard County, FL	12009	South
Clay County, FL	12019	South
Flagler County, FL	12035	South
Hernando County, FL	12053	South
Hillsborough County, FL	12057	South
Lake County, FL	12069	South
Marion County, FL	12083	South
Miami-Dade County, FL	12086	South
Orange County, FL	12095	South
Osceola County, FL	12097	South
Pasco County, FL	12101	South
Pinellas County, FL	12103	South
Polk County, FL	12105	South
Putnam County, FL	12107	South
St. Johns County, FL	12109	South
Sumter County, FL	12119	South
Volusia County, FL	12127	South
Clayton County, GA	13063	South
Fayette County, GA	13113	South
Fulton County, GA	13121	South
Henry County, GA	13151	South
Cook County, IL	17031	Midwest

McHenry County, IL	17111	Midwest
Wyandotte County, KS	20209	Midwest
Iberia Parish, LA	22045	South
Lafayette Parish, LA	22055	South
St. Landry Parish, LA	22097	South
Anne Arundel County, MD	24003	South
Baltimore County, MD	24005	South
Carroll County, MD	24013	South
Harford County, MD	24025	South
Prince George's County, MD	24033	South
Washington County, MD	24043	South
Berkshire County, MA	25003	Northeast
Hampden County, MA	25013	Northeast
Norfolk County, MA	25021	Northeast
Macomb County, MI	26099	Midwest
Monroe County, MI	26115	Midwest
St. Louis County, MO	29189	Midwest
St. Louis City, MO	29510	Midwest
Atlantic County, NJ	34001	Northeast
Bergen County, NJ	34003	Northeast
Burlington County, NJ	34005	Northeast
Camden County, NJ	34007	Northeast
Cumberland County, NJ	34011	Northeast
Essex County, NJ	34013	Northeast
Gloucester County, NJ	34015	Northeast
Hudson County, NJ	34017	Northeast
Mercer County, NJ	34021	Northeast
Monmouth County, NJ	34025	Northeast
Morris County, NJ	34027	Northeast
Passaic County, NJ	34031	Northeast
Sussex County, NJ	34037	Northeast
Union County, NJ	34039	Northeast
Albany County, NY	36001	Northeast
Columbia County, NY	36021	Northeast
Dutchess County, NY	36027	Northeast
Erie County, NY	36029	Northeast
Livingston County, NY	36051	Northeast

Orange County, NY	36071	Northeast
Putnam County, NY	36079	Northeast
Queens County, NY	36081	Northeast
Rensselaer County, NY	36083	Northeast
Rockland County, NY	36087	Northeast
Saratoga County, NY	36091	Northeast
Sullivan County, NY	36105	Northeast
Ulster County, NY	36111	Northeast
Alexander County, NC	37003	South
Bladen County, NC	37017	South
Burke County, NC	37023	South
Cabarrus County, NC	37025	South
Catawba County, NC	37035	South
Cleveland County, NC	37045	South
Columbus County, NC	37047	South
Cumberland County, NC	37051	South
Edgecombe County, NC	37065	South
Forsyth County, NC	37067	South
Gaston County, NC	37071	South
Guilford County, NC	37081	South
Harnett County, NC	37085	South
Henderson County, NC	37089	South
Iredell County, NC	37097	South
Johnston County, NC	37101	South
Lincoln County, NC	37109	South
Mecklenburg County, NC	37119	South
Nash County, NC	37127	South
Pender County, NC	37141	South
Pitt County, NC	37147	South
Robeson County, NC	37155	South
Rockingham County, NC	37157	South
Rutherford County, NC	37161	South
Sampson County, NC	37163	South
Stokes County, NC	37169	South
Wayne County, NC	37191	South
Wilson County, NC	37195	South
Ashtabula County, OH	39007	Midwest

Coshocton County, OH	39031	Midwest
Cuyahoga County, OH	39035	Midwest
Geauga County, OH	39055	Midwest
Guernsey County, OH	39059	Midwest
Hamilton County, OH	39061	Midwest
Holmes County, OH	39075	Midwest
Huron County, OH	39077	Midwest
Knox County, OH	39083	Midwest
Lake County, OH	39085	Midwest
Lawrence County, OH	39087	Midwest
Licking County, OH	39089	Midwest
Lorain County, OH	39093	Midwest
Mahoning County, OH	39099	Midwest
Medina County, OH	39103	Midwest
Miami County, OH	39109	Midwest
Montgomery County, OH	39113	Midwest
Portage County, OH	39133	Midwest
Preble County, OH	39135	Midwest
Richland County, OH	39139	Midwest
Scioto County, OH	39145	Midwest
Stark County, OH	39151	Midwest
Trumbull County, OH	39155	Midwest
Sequoyah County, OK	40135	South
Tulsa County, OK	40143	South
Adams County, PA	42001	Northeast
Allegheny County, PA	42003	Northeast
Armstrong County, PA	42005	Northeast
Beaver County, PA	42007	Northeast
Berks County, PA	42011	Northeast
Bucks County, PA	42017	Northeast
Butler County, PA	42019	Northeast
Cambria County, PA	42021	Northeast
Carbon County, PA	42025	Northeast
Chester County, PA	42029	Northeast
Clarion County, PA	42031	Northeast
Crawford County, PA	42039	Northeast
Cumberland County, PA	42041	Northeast

Dauphin County, PA	42043	Northeast
Delaware County, PA	42045	Northeast
Indiana County, PA	42063	Northeast
Lancaster County, PA	42071	Northeast
Lawrence County, PA	42073	Northeast
Lebanon County, PA	42075	Northeast
Lehigh County, PA	42077	Northeast
Mercer County, PA	42085	Northeast
Montgomery County, PA	42091	Northeast
Philadelphia County, PA	42101	Northeast
Pike County, PA	42103	Northeast
Schuylkill County, PA	42107	Northeast
Somerset County, PA	42111	Northeast
Westmoreland County, PA	42129	Northeast
York County, PA	42133	Northeast
Berkeley County, SC	45015	South
Cherokee County, SC	45021	South
Clarendon County, SC	45027	South
Dillon County, SC	45033	South
Dorchester County, SC	45035	South
Florence County, SC	45041	South
Georgetown County, SC	45043	South
Horry County, SC	45051	South
Laurens County, SC	45059	South
Marion County, SC	45067	South
Orangeburg County, SC	45075	South
Williamsburg County, SC	45089	South
York County, SC	45091	South
Cheatham County, TN	47021	South
Davidson County, TN	47037	South
Hamblen County, TN	47063	South
Hawkins County, TN	47073	South
Jefferson County, TN	47089	South
Lauderdale County, TN	47097	South
Rutherford County, TN	47149	South
Tipton County, TN	47167	South
Washington County, TN	47179	South

Dallas County, TX	48113	South
Ellis County, TX	48139	South
Kaufman County, TX	48257	South
Rockwall County, TX	48397	South
Tarrant County, TX	48439	South
Franklin County, VA	51067	South
Halifax County, VA	51083	South
Henry County, VA	51089	South
Pittsylvania County, VA	51143	South
Norfolk City, VA	51710	South
Portsmouth City, VA	51740	South