

Homework 1 Submission 1

Tammy Dang

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.5
v forcats    1.0.0      v stringr    1.5.2
v ggplot2    4.0.0      v tibble     3.3.0
v lubridate  1.9.4      v tidyr      1.3.1
v purrr      1.1.0

-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
[1] "/Users/tammydang/Downloads/EMORY/ECON-470/homework1/submission1"
```

Question 1:

Provide a table of the count of plans under each plan type. Your table should look something like Table 1. (2 points)

Warning: One or more parsing issues, call `problems()` on your data frame for details, e.g.:

```
dat <- vroom(...)
problems(dat)
```

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```


1876 Cost Employer/Union Only Direct Contract PDP	
79761	115591
HCPP - 1833 Cost	HMO/HMOPOS
108	5321230
Local PPO	Medicare Prescription Drug Plan
10690249	11021767
Medicare-Medicaid Plan HMO/HMOPOS	MSA
48460	2916
National PACE	PFFS
17992	187208
Regional PPO	
225112	

Question 2:

Remove all special needs plans (SNP), employer group plans (eghp), and all “800-series” plans. Provide an updated version of Table 1 after making these exclusions. (2 points)

HMO/HMOPOS	Local PPO
5321230	10690249
Medicare Prescription Drug Plan	MSA
11021767	2916
National PACE	PFFS
17992	187208
Regional PPO	
225112	

Question 3:

Now repeat the same filters from part 2 but also focus only on counties in which plans are approved as per the service area files. With these data, provide a table of the average enrollments for each plan type. (2 points)

	Abbeville
46	107
Acadia	Accomack
104	103

Ada	Adair
106	401
Adams	Addison
1220	99
Adjuntas	Aguada
108	108
Aguadilla	Aguas Buenas
108	108
Aibonito	Aiken
108	105
Aitkin	Alachua
104	106
Alamance	Alameda
107	105
Alamosa	Albany
99	209
Albemarle	Alcona
107	99
Alcorn	Aleutians East
98	96
Aleutians West	Alexander
96	206
Alexandria City	Alfalfa
113	99
Alger	Allamakee
101	97
Allegan	Allegany
101	205
Alleghany	Allegheny
209	111
Allen	Allendale
519	104
Alpena	Alpine
98	98
Amador	Amelia
100	108
Amherst	Amite
106	98
Anasco	Anchorage
108	96
Anderson	Andrew
518	99
Andrews	Androscoggin

103	103
Angelina	Anne Arundel
105	103
Anoka	Anson
107	104
Antelope	Antrim
97	100
Apache	Appanoose
103	98
Appling	Appomattox
103	109
Aransas	Arapahoe
105	106
Archer	Archuleta
103	98
Arecibo	Arenac
108	101
Arkansas	Arlington
101	112
Armstrong	Aroostook
212	99
Arroyo	Arthur
108	98
Ascension	Ashe
104	103
Ashland	Ashley
208	101
Ashtabula	Asotin
105	97
Assumption	Atascosa
102	106
Atchison	Athens
200	104
Atkinson	Atlantic
103	104
Atoka	Attala
99	100
Audrain	Audubon
99	97
Auglaize	Augusta
108	106
Aurora	Austin
97	108

Autauga	Avery
102	105
Avoyelles	Baca
100	97
Bacon	Bailey
102	103
Baker	Baldwin
310	210
Ballard	Baltimore
100	105
Baltimore City	Bamberg
105	107
Bandera	Banks
106	103
Banner	Bannock
98	104
Baraga	Barber
100	99
Barbour	Barceloneta
200	108
Barnes	Barnstable
97	103
Barnwell	Barranquitas
104	108
Barren	Barron
100	105
Barrow	Barry
113	209
Bartholomew	Barton
103	199
Bartow	Bastrop
103	105
Bates	Bath
99	208
Baxter	Bay
103	207
Bayamon	Bayfield
114	103
Baylor	Beadle
103	97
Bear Lake	Beaufort
100	210
Beauregard	Beaver

100	306
Beaverhead	Becker
99	105
Beckham	Bedford
99	318
Bedford City	Bee
2	106
Belknap	Bell
100	208
Belmont	Beltrami
103	103
Ben Hill	Benewah
105	100
Bennett	Bennington
97	99
Benson	Bent
98	99
Benton	Benzie
916	99
Bergen	Berkeley
105	206
Berks	Berkshire
113	100
Bernalillo	Berrien
106	207
Bertie	Bethel
104	96
Bexar	Bibb
116	210
Bienville	Big Horn
101	196
Big Stone	Billings
103	97
Bingham	Black Hawk
103	100
Blackford	Bladen
103	104
Blaine	Blair
396	110
Blanco	Bland
107	106
Bleckley	Bledsoe
104	103

Blount	Blue Earth
205	103
Boise	Bolivar
102	99
Bollinger	Bon Homme
101	99
Bond	Bonner
103	105
Bonneville	Boone
104	824
Borden	Bosque
103	107
Bossier	Botetourt
101	111
Bottineau	Boulder
97	106
Boundary	Bourbon
102	204
Bowie	Bowman
104	97
Box Butte	Box Elder
98	100
Boyd	Boyle
199	102
Bracken	Bradford
101	208
Bradley	Branch
204	102
Brantley	Braxton
103	99
Brazoria	Brazos
106	107
Breathitt	Breckinridge
101	101
Bremer	Brevard
100	112
Brewster	Briscoe
104	103
Bristol	Bristol Bay
211	96
Bristol City	Broadwater
107	100
Bronx	Brooke

134	101
Brookings	Brooks
97	208
Broome	Broomfield
110	105
Broward	Brown
119	927
Brule	Brunswick
97	212
Bryan	Buchanan
206	308
Buckingham	Bucks
108	116
Buena Vista	Buena Vista City
98	106
Buffalo	Bullitt
300	104
Bulloch	Bullock
101	101
Buncombe	Bureau
108	104
Burke	Burleigh
306	102
Burleson	Burlington
107	106
Burnet	Burnett
107	104
Burt	Butler
98	832
Butte	Butts
294	110
Cabarrus	Cabell
105	100
Cabo Rojo	Cache
108	100
Caddo	Caguas
201	114
Calaveras	Calcasieu
98	101
Caldwell	Caledonia
511	99
Calhoun	Callahan
1119	103

Callaway	Calloway
102	103
Calumet	Calvert
110	100
Camas	Cambria
100	110
Camden	Cameron
408	315
Camp	Campbell
104	510
Camuy	Canadian
108	103
Candler	Cannon
102	102
Canovanas	Canyon
114	106
Cape Girardeau	Cape May
101	100
Carbon	Caribou
401	100
Carlisle	Carlton
101	104
Carolina	Caroline
114	207
Carroll	Carson
1335	103
Carson City	Carter
102	504
Carteret	Carver
102	107
Cascade	Casey
100	103
Cass	Cassia
921	102
Castro	Caswell
103	107
Catahoula	Catano
101	114
Catawba	Catoosa
107	103
Catron	Cattaraugus
100	107
Cavalier	Cayey

97	108
Cayuga	Cecil
106	99
Cedar	Ceiba
299	114
Centre	Cerro Gordo
104	97
Chaffee	Chambers
100	205
Champaign	Chariton
213	100
Charles	Charles City
100	107
Charles Mix	Charleston
98	106
Charlevoix	Charlotte
99	219
Charlottesville City	Charlton
106	102
Chase	Chatham
197	220
Chattahoochee	Chattooga
106	102
Chautauqua	Chaves
207	101
Cheatham	Cheboygan
102	99
Chelan	Chemung
99	106
Chenango	Cherokee
105	826
Cherry	Chesapeake City
97	111
Cheshire	Chester
100	322
Chesterfield	Cheyenne
214	296
Chickasaw	Chicot
197	100
Childress	Chilton
103	101
Chippewa	Chisago
306	105

Chittenden	Choctaw
99	297
Chouteau	Chowan
101	103
Christian	Churchill
310	101
Ciales	Cibola
108	101
Cidra	Cimarron
108	99
Citrus	Clackamas
112	110
Claiborne	Clallam
304	97
Clare	Clarendon
100	105
Clarion	Clark
107	1240
Clarke	Clatsop
509	103
Clay	Clayton
1827	212
Clear Creek	Clearfield
101	104
Clearwater	Cleburne
203	205
Clermont	Cleveland
118	309
Clinch	Clinton
106	929
Cloud	Coahoma
100	99
Coal	Coamo
99	108
Cobb	Cochise
107	103
Cochran	Cocke
103	104
Coconino	Codington
103	98
Coffee	Coffey
305	99
Coke	Colbert

105	101
Cole	Coleman
102	105
Coles	Colfax
101	198
Colleton	Collier
108	110
Collin	Collingsworth
113	103
Colonial Heights City	Colorado
107	104
Colquitt	Columbia
102	829
Columbiana	Columbus
110	104
Colusa	Comal
98	107
Comanche	Comerio
301	108
Concho	Concordia
104	100
Conecuh	Conejos
100	99
Contra Costa	Converse
106	97
Conway	Cook
105	319
Cooke	Cooper
106	99
Coos	Coosa
199	101
Copiah	Corozal
101	108
Corson	Cortland
97	105
Coryell	Coshocton
106	106
Costilla	Cottle
100	103
Cotton	Cottonwood
99	102
Covington	Covington City
201	106

Coweta	Cowley
104	100
Cowlitz	Craig
101	210
Craighead	Crane
105	104
Craven	Crawford
102	1135
Creek	Crenshaw
102	100
Crisp	Crittenden
105	204
Crockett	Crook
206	199
Crosby	Cross
104	102
Crow Wing	Crowley
105	100
Culberson	Culebra
104	114
Cullman	Culpeper
101	108
Cumberland	Cuming
838	97
Currituck	Curry
103	200
Custer	Cuyahoga
592	113
Dade	Daggett
205	98
Dakota	Dale
207	101
Dallam	Dallas
103	524
Dane	Daniels
109	99
Danville City	Dare
107	102
Darke	Darlington
106	103
Dauphin	Davidson
112	210
Davie	Daviess

108	303
Davis	Davison
199	98
Dawes	Dawson
98	404
Day	De Kalb
98	103
De Soto	De Witt
101	103
Deaf Smith	Dearborn
104	103
DeBaca	Decatur
100	505
Deer Lodge	Defiance
101	105
DeKalb	Del Norte
519	98
Delaware	Delta
636	305
Denali	Dent
96	100
Denton	Denver
112	107
Des Moines	Deschutes
99	102
Desha	DeSoto
100	208
Deuel	Dewey
196	196
DeWitt	Dickens
104	103
Dickenson	Dickey
107	98
Dickinson	Dickson
298	102
Dillingham	Dillon
96	104
Dimmit	Dinwiddie
103	108
District of Columbia	Divide
99	96
Dixie	Dixon
103	98

Doddridge	Dodge
99	421
Dolores	Dona Ana
98	102
Doniphan	Donley
99	103
Dooly	Door
104	104
Dorado	Dorchester
108	204
Dougherty	Douglas
102	1235
Drew	Dubois
99	102
Dubuque	Duchesne
98	98
Dukes	Dundy
100	97
Dunklin	Dunn
100	201
DuPage	Duplin
112	103
Durham	Dutchess
108	109
Duval	Dyer
216	102
Eagle	Early
98	102
East Baton Rouge	East Carroll
106	101
East Feliciana	Eastland
104	104
Eaton	Eau Claire
101	104
Echols	Ector
102	103
Eddy	Edgar
197	102
Edgecombe	Edgefield
102	105
Edmonson	Edmunds
102	97
Edwards	Effingham

305	205
El Dorado	El Paso
100	220
Elbert	Elk
206	202
Elkhart	Elko
107	101
Elliott	Ellis
101	305
Ellsworth	Elmore
100	203
Emanuel	Emery
103	98
Emmet	Emmons
196	97
Emporia City	Erath
108	104
Erie	Escambia
327	211
Esmeralda	Essex
101	526
Estill	Etowah
101	101
Eureka	Evangeline
101	101
Evans	Fairbanks North Star
101	96
Fairfax	Fairfax City
110	110
Fairfield	Fajardo
320	114
Fall River	Fallon
97	99
Falls	Falls Church City
107	112
Fannin	Faribault
209	104
Faulk	Faulkner
97	105
Fauquier	Fayette
104	1150
Fentress	Fergus
102	100

Ferry	Fillmore
97	204
Finney	Fisher
99	103
Flagler	Flathead
107	100
Fleming	Florence
101	208
Florida	Floyd
108	619
Fluvanna	Foard
106	103
Fond du Lac	Ford
109	201
Forest	Forrest
210	101
Forsyth	Fort Bend
219	113
Foster	Fountain
97	104
Franklin	Franklin City
2557	107
Frederick	Fredericksburg City
203	108
Freeborn	Freestone
104	107
Fremont	Fresno
400	108
Frio	Frontier
105	97
Fulton	Furnas
838	98
Gadsden	Gage
106	99
Gaines	Galax City
103	104
Gallatin	Gallia
303	105
Galveston	Garden
108	97
Garfield	Garland
588	106
Garrard	Garrett

101	99
Garvin	Garza
101	104
Gasconade	Gaston
103	106
Gates	Geary
104	101
Geauga	Gem
112	103
Genesee	Geneva
207	101
Gentry	George
100	100
Georgetown	Gibson
106	206
Gila	Gilchrist
105	104
Giles	Gillespie
209	103
Gilliam	Gilmer
101	202
Gilpin	Glacier
100	98
Glades	Gladwin
107	100
GlascocK	Glasscock
103	103
Glenn	Gloucester
97	212
Glynn	Gogebic
102	100
Golden Valley	Goliad
195	104
Gonzales	Goochland
104	109
Goodhue	Gooding
103	100
Gordon	Goshen
101	97
Gosper	Gove
99	99
Grady	Grafton
204	101

Graham	Grainger
307	104
Grand	Grand Forks
198	99
Grand Isle	Grand Traverse
99	99
Granite	Grant
99	1507
Granville	Gratiot
103	102
Graves	Gray
102	203
Grays Harbor	Grayson
98	313
Greeley	Green
196	208
Green Lake	Greenbrier
109	100
Greene	Greenlee
1461	103
Greensville	Greenup
108	102
Greenville	Greenwood
114	204
Greer	Gregg
98	107
Gregory	Grenada
97	99
Griggs	Grimes
97	106
Grundy	Guadalupe
407	205
Guanica	Guayama
108	106
Guayanilla	Guaynabo
108	114
Guernsey	Guilford
105	106
Gulf	Gunnison
104	98
Gurabo	Guthrie
108	98
Gwinnett	Haakon

109	97
Habersham	Haines
103	96
Hale	Halifax
204	211
Hall	Hamblen
308	104
Hamilton	Hamlin
1040	97
Hampden	Hampshire
111	205
Hampton	Hampton City
106	110
Hancock	Hand
1020	98
Hanover	Hansford
111	103
Hanson	Haralson
98	103
Hardee	Hardeman
110	205
Hardin	Harding
623	197
Hardy	Harford
99	103
Harlan	Harmon
200	98
Harnett	Harney
103	101
Harper	Harris
198	226
Harrison	Harrisonburg City
815	104
Hart	Hartford
207	102
Hartley	Harvey
103	104
Haskell	Hatillo
302	108
Hawaii	Hawkins
100	104
Hayes	Hays
98	107

Haywood	Heard
206	107
Hemphill	Hempstead
103	100
Henderson	Hendricks
522	105
Hendry	Hennepin
105	106
Henrico	Henry
112	1035
Herkimer	Hernando
105	115
Hertford	Hettinger
103	98
Hickman	Hickory
205	101
Hidalgo	Highland
214	215
Highlands	Hill
109	206
Hillsborough	Hillsdale
218	102
Hinds	Hinsdale
104	98
Hitchcock	Hocking
97	106
Hockley	Hodgeman
104	99
Hoke	Holmes
105	313
Holt	Honolulu
198	102
Hood	Hood River
105	102
Hooker	Hopewell City
99	107
Hopkins	Hormigueros
204	108
Horry	Hot Spring
104	103
Hot Springs	Houghton
97	101
Houston	Howard

521	709
Howell	Hubbard
101	104
Hudson	Hudspeth
106	104
Huerfano	Hughes
100	196
Humacao	Humboldt
108	297
Humphreys	Hunt
201	103
Hunterdon	Huntingdon
102	107
Huntington	Huron
105	204
Hutchinson	Hyde
200	200
Iberia	Iberville
103	104
Ida	Idaho
98	100
Imperial	Independence
99	102
Indian River	Indiana
111	107
Ingham	Inyo
102	97
Ionia	Iosco
99	99
Iowa	Iredell
209	105
Irion	Iron
104	401
Iroquois	Irwin
102	105
Isabela	Isabella
108	100
Isanti	Island
104	99
Isle of Wight	Issaquena
108	99
Itasca	Itawamba
102	98

Izard	Jack
102	104
Jackson	James City
2451	105
Jasper	Jay
824	103
Jayuya	Jeff Davis
108	204
Jefferson	Jefferson Davis
2686	200
Jenkins	Jennings
104	102
Jerauld	Jerome
97	100
Jersey	Jessamine
102	105
Jewell	Jim Hogg
99	103
Jim Wells	Jo Daviess
106	106
Johnson	Johnston
1232	206
Jones	Josephine
611	105
Juab	Juana Diaz
98	108
Judith Basin	Juncos
100	108
Juneau	Juniata
203	105
Kalamazoo	Kalawao
104	98
Kalkaska	Kanabec
100	103
Kanawha	Kandiyohi
101	103
Kane	Kankakee
212	108
Karnes	Kauai
104	100
Kaufman	Kay
104	98
Kearney	Kearney

98	99
Keith	Kemper
98	99
Kenai Peninsula	Kendall
96	211
Kenedy	Kennebec
103	103
Kenosha	Kent
109	505
Kenton	Keokuk
107	99
Kern	Kerr
102	104
Kershaw	Ketchikan Gateway
105	96
Kewaunee	Keweenaw
109	101
Keya Paha	Kidder
99	97
Kimball	Kimble
97	104
King	King and Queen
212	106
King George	King William
107	107
Kingfisher	Kingman
101	99
Kings	Kingsbury
236	97
Kinney	Kiowa
103	296
Kit Carson	Kitsap
98	102
Kittitas	Kittson
97	104
Klamath	Kleberg
103	107
Klickitat	Knott
97	102
Knox	Kodiak Island
927	96
Koochiching	Kootenai
103	105

Kosciusko	Kossuth
104	96
Kusilvak	La Crosse
96	106
La Paz	La Plata
104	98
La Porte	La Salle
103	207
Labette	Lac qui Parle
100	104
Lackawanna	Laclede
110	104
Lafayette	Lafourche
615	104
Lagrange	Lajas
102	108
Lake	Lake and Peninsula
1236	96
Lake of the Woods	Lamar
103	408
Lamb	Lamoille
105	99
LaMoure	Lampasas
97	106
Lancaster	Lander
427	101
Lane	Langlade
205	107
Lanier	Lapeer
103	100
Laramie	Lares
98	108
Larimer	Larue
104	102
Las Animas	Las Marias
99	108
Las Piedras	LaSalle
108	100
Lassen	Latah
97	100
Latimer	Lauderdale
100	303
Laurel	Laurens

101	208
Lavaca	Lawrence
104	1131
Le Flore	Le Sueur
98	103
Lea	Leake
100	99
Leavenworth	Lebanon
104	110
Lee	Leelanau
1240	100
Leflore	Lehigh
98	113
Lemhi	Lenawee
100	100
Lenoir	Leon
102	211
Leslie	Letcher
102	102
Levy	Lewis
107	708
Lewis and Clark	Lexington
100	105
Lexington City	Liberty
106	414
Licking	Limestone
110	208
Lincoln	Linn
2416	403
Lipscomb	Litchfield
103	102
Little River	Live Oak
100	104
Livingston	Llano
612	107
Logan	Loiza
1011	114
Long	Lonoke
101	105
Lorain	Los Alamos
112	101
Los Angeles	Loudon
124	104

Loudoun	Louisa
112	209
Loup	Love
98	100
Loving	Lowndes
104	301
Lubbock	Lucas
106	210
Luce	Lumpkin
102	104
Luna	Lunenburg
102	107
Luquillo	Luzerne
114	109
Lycoming	Lyman
108	97
Lynchburg City	Lynn
105	105
Lyon	Mackinac
505	100
Macomb	Macon
108	614
Macoupin	Madera
102	104
Madison	Magoffin
2078	102
Mahaska	Mahnomen
99	104
Mahoning	Major
112	99
Malheur	Manassas City
101	111
Manassas Park City	Manatee
109	114
Manati	Manistee
108	98
Manitowoc	Marathon
108	108
Marengo	Maricao
100	108
Maricopa	Maries
113	99
Marin	Marinette

100	108
Marion	Mariposa
1752	99
Marlboro	Marquette
104	209
Marshall	Martin
1221	625
Martinsville City	Mason
105	603
Massac	Matagorda
101	104
Matanuska-Susitna	Mathews
96	106
Maui	Maunabo
101	108
Maury	Maverick
102	104
Mayaguez	Mayes
108	102
McClain	McCone
102	98
McCook	McCormick
98	106
McCracken	McCreary
101	101
McCulloch	McCurtain
104	99
McDonald	McDonough
101	102
McDowell	McDuffie
206	106
McHenry	McIntosh
206	302
McKean	McKenzie
104	96
McKinley	McLean
101	304
McLennan	McLeod
107	103
McMinn	McMullen
103	104
McNairy	McPherson
103	297

Meade	Meagher
299	99
Mecklenburg	Mecosta
215	100
Medina	Meeker
218	103
Meigs	Mellette
207	97
Menard	Mendocino
206	99
Menifee	Menominee
101	207
Merced	Mercer
99	823
Meriwether	Merrick
109	98
Merrimack	Mesa
100	99
Metcalfe	Miami
100	314
Miami-Dade	Middlesex
237	426
Midland	Mifflin
205	104
Milam	Millard
106	98
Mille Lacs	Miller
104	303
Mills	Milwaukee
205	111
Miner	Mineral
98	401
Mingo	Minidoka
100	102
Minnehaha	Missaukee
101	99
Mississippi	Missoula
202	100
Mitchell	Mobile
506	106
Moca	Modoc
108	98
Moffat	Mohave

98	104
Moniteau	Monmouth
99	108
Mono	Monona
97	97
Monongalia	Monroe
100	1743
Montague	Montcalm
103	103
Monterey	Montezuma
98	98
Montgomery	Montmorency
1872	99
Montour	Montrose
105	100
Moody	Moore
97	312
Mora	Morehouse
100	101
Morgan	Morovis
1119	108
Morrill	Morris
98	308
Morrison	Morrow
106	208
Morton	Motley
199	103
Moultrie	Mountrail
102	96
Mower	Muhlenberg
104	101
Multnomah	Murray
110	304
Muscatine	Muscogee
100	109
Muskegon	Muskingum
102	106
Muskogee	Musselshell
103	99
Nacogdoches	Naguabo
105	108
Nance	Nantucket
98	100

Napa	Naranjito
99	108
Nash	Nassau
102	230
Natchitoches	Natrona
101	98
Navajo	Navarro
104	104
Nelson	Nemaha
310	200
Neosho	Neshoba
101	99
Ness	Nevada
99	198
New Castle	New Hanover
100	105
New Haven	New Kent
102	107
New London	New Madrid
103	101
New York	Newaygo
135	100
Newberry	Newport
107	102
Newport News City	Newton
110	623
Nez Perce	Niagara
103	111
Nicholas	Nicollet
200	104
Niobrara	Noble
97	309
Nobles	Nodaway
103	100
Nolan	Nome
103	96
Norfolk	Norfolk City
109	112
Norman	North Slope
104	96
Northampton	Northern Islands
322	60
Northumberland	Northwest Arctic

211	96
Norton	Norton City
99	106
Nottoway	Nowata
108	100
Noxubee	Nuckolls
99	99
Nueces	Nye
109	104
O'Brien	Oakland
97	105
Obion	Ocean
102	106
Oceana	Ochiltree
100	103
Oconee	Oconto
209	109
Ogemaw	Oglala Lakota
99	194
Ogle	Oglethorpe
106	104
Ohio	Okaloosa
303	105
Okanogan	Okeechobee
97	107
Okfuskee	Oklahoma
99	105
Okmulgee	Oktibbeha
101	98
Oldham	Oliver
205	99
Olmsted	Oneida
105	313
Onondaga	Onslow
111	102
Ontario	Ontonagon
104	101
Orange	Orangeburg
865	107
Oregon	Orleans
99	311
Orocovis	Osage
108	303

Osborne	Osceola
99	313
Oscoda	Oswego
99	105
Otero	Otoe
203	99
Otsego	Ottawa
204	409
Otter Tail	Ouachita
104	203
Ouray	Outagamie
98	111
Overton	Owen
102	206
Owsley	Owyhee
102	102
Oxford	Ozark
102	102
Ozaukee	Pacific
109	97
Page	Palm Beach
200	117
Palo Alto	Palo Pinto
96	103
Pamlico	Panola
103	205
Park	Parke
295	104
Parker	Parmer
103	103
Pasco	Pasquotank
116	102
Passaic	Patillas
105	108
Patrick	Paulding
109	211
Pawnee	Payette
295	104
Payne	Peach
98	108
Pearl River	Pecos
100	104
Pembina	Pemiscot

97	100
Pend Oreille	Pender
97	104
Pendleton	Pennington
203	203
Penobscot	Penuelas
101	108
Peoria	Pepin
110	102
Perkins	Perquimans
195	102
Perry	Pershing
1031	101
Person	Petersburg City
104	108
Petroleum	Pettis
99	99
Phelps	Philadelphia
197	114
Phillips	Piatt
398	102
Pickaway	Pickens
111	315
Pickett	Pierce
102	505
Pike	Pima
1019	111
Pinal	Pine
107	103
Pinellas	Pipestone
116	102
Piscataquis	Pitkin
101	98
Pitt	Pittsburg
103	99
Pittsylvania	Piute
109	98
Placer	Plaquemines
101	105
Platte	Pleasants
303	99
Plumas	Plymouth
98	208

Pocahontas	Poinsett
197	103
Pointe Coupee	Polk
103	1251
Ponce	Pondera
108	101
Pontotoc	Pope
197	309
Poquoson City	Portage
107	216
Porter	Portsmouth City
103	111
Posey	Pottawatomie
105	203
Pottawattamie	Potter
99	309
Powder River	Powell
99	201
Power	Poweshiek
102	99
Powhatan	Prairie
108	200
Pratt	Preble
99	110
Prentiss	Presidio
98	104
Presque Isle	Preston
99	100
Price	Prince Edward
102	104
Prince George	Prince George's
107	103
Prince of Wales-Outer Ketchikan	Prince William
96	111
Providence	Prowers
102	99
Pueblo	Pulaski
105	726
Pushmataha	Putnam
99	933
Quay	Quebradillas
100	108
Queen Anne's	Queens

99	134
Quitman	Rabun
202	104
Racine	Radford City
111	107
Rains	Raleigh
104	101
Ralls	Ramsey
101	203
Randall	Randolph
106	814
Rankin	Ransom
104	97
Rapides	Rappahannock
102	106
Ravalli	Rawlins
100	100
Ray	Reagan
104	104
Real	Red Lake
103	104
Red River	Red Willow
205	97
Redwood	Reeves
103	104
Refugio	Reno
105	100
Rensselaer	Renville
110	200
Republic	Reynolds
100	100
Rhea	Rice
103	204
Rich	Richardson
98	97
Richland	Richmond
722	448
Richmond City	Riley
112	100
Rincon	Ringgold
108	96
Rio Arriba	Rio Blanco
103	98

Rio Grande	Ripley
213	203
Ritchie	Riverside
99	118
Roane	Roanoke
203	112
Roanoke City	Roberts
112	200
Robertson	Robeson
310	103
Rock	Rock Island
306	106
Rockbridge	Rockcastle
106	102
Rockdale	Rockingham
111	313
Rockland	Rockwall
112	108
Roger Mills	Rogers
99	100
Rolette	Rooks
98	100
Roosevelt	Roscommon
200	100
Roseau	Rosebud
104	100
Ross	Routt
105	98
Rowan	Runnels
208	104
Rush	Rusk
201	209
Russell	Rutherford
409	208
Rutland	Sabana Grande
99	108
Sabine	Sac
204	97
Sacramento	Sagadahoc
103	102
Saginaw	Saguache
102	99
Salem	Salem City

102	110
Salinas	Saline
108	505
Salt Lake	Saluda
101	108
Sampson	San Augustine
105	105
San Benito	San Bernardino
98	118
San Diego	San Francisco
116	107
San German	San Jacinto
108	107
San Joaquin	San Juan
104	510
San Lorenzo	San Luis Obispo
108	99
San Mateo	San Miguel
104	202
San Patricio	San Saba
106	106
San Sebastian	Sanborn
108	97
Sanders	Sandoval
100	106
Sandusky	Sangamon
106	104
Sanilac	Sanpete
99	98
Santa Barbara	Santa Clara
100	110
Santa Cruz	Santa Fe
204	106
Santa Isabel	Santa Rosa
108	108
Sarasota	Saratoga
112	109
Sargent	Sarpy
97	104
Sauk	Saunders
110	103
Sawyer	Schenectady
103	110

Schleicher	Schley
104	104
Schoharie	Schoolcraft
104	102
Schuyler	Schuykill
308	107
Scioto	Scotland
103	207
Scott	Scotts Bluff
1128	98
Screven	Scurry
103	103
Searcy	Sebastian
102	106
Sedgwick	Seminole
202	318
Seneca	Sequatchie
210	103
Sequoyah	Sevier
100	302
Seward	Shackelford
198	103
Shannon	Sharkey
100	99
Sharp	Shasta
102	97
Shawano	Shawnee
109	101
Sheboygan	Shelby
107	920
Shenandoah	Sherburne
102	107
Sheridan	Sherman
492	403
Shiawassee	Shoshone
102	100
Sibley	Sierra
103	199
Silver Bow	Simpson
101	202
Sioux	Siskiyou
293	98
Sitka	Skagit

96	102
Skagway-Hoonah-Angoon	Skamania
96	98
Slope	Smith
97	409
Smyth	Snohomish
106	107
Snyder	Socorro
106	101
Solano	Somerset
102	414
Somervell	Sonoma
106	103
Southampton	Southeast Fairbanks
108	96
Spalding	Spartanburg
108	113
Spencer	Spink
204	97
Spokane	Spotsylvania
106	107
St. Bernard	St. Charles
105	212
St. Clair	St. Croix
406	127
St. Francis	St. Francois
101	101
St. Helena	St. James
103	104
St. John the Baptist	St. John-St. Thomas
104	48
St. Johns	St. Joseph
106	211
St. Landry	St. Lawrence
104	103
St. Louis	St. Louis City
211	105
St. Lucie	St. Martin
112	104
St. Mary	St. Mary's
101	98
St. Tammany	Stafford
104	207

Stanislaus	Stanley
106	97
Stanly	Stanton
104	197
Stark	Starke
315	104
Starr	Staunton City
104	106
Ste. Genevieve	Stearns
102	106
Steele	Stephens
200	306
Stephenson	Sterling
106	104
Steuben	Stevens
209	299
Stewart	Stillwater
206	99
Stoddard	Stokes
101	104
Stone	Stonewall
306	103
Storey	Story
102	102
Strafford	Stutsman
103	97
Sublette	Suffolk
97	230
Suffolk City	Sullivan
110	617
Sully	Summers
97	99
Summit	Sumner
307	205
Sumter	Sunflower
417	99
Surry	Susquehanna
211	105
Sussex	Sutter
307	99
Sutton	Suwannee
104	104
Swain	Swains Island

104	10
Sweet Grass	Sweetwater
99	97
Swift	Swisher
103	104
Switzerland	Talbot
102	208
Taliaferro	Talladega
106	102
Tallahatchie	Tallapoosa
99	101
Tama	Taney
99	105
Tangipahoa	Taos
103	102
Tarrant	Tate
114	100
Tattnall	Tau
103	10
Taylor	Tazewell
712	217
Tehama	Telfair
97	103
Teller	Tensas
102	101
Terrebonne	Terrell
103	207
Terry	Teton
104	397
Texas	Thayer
197	97
Thomas	Throckmorton
301	103
Thurston	Tift
202	105
Tillamook	Tillman
102	99
Tioga	Tippah
213	98
Tippecanoe	Tipton
104	208
Tishomingo	Titus
98	104

Toa Alta	Toa Baja
108	114
Todd	Tolland
304	102
Tom Green	Tompkins
104	103
Tooele	Toole
100	98
Toombs	Torrance
105	104
Towner	Towns
98	104
Traill	Transylvania
98	107
Traverse	Travis
102	108
Treasure	Trego
99	99
Trempealeau	Treutlen
108	104
Trigg	Trimble
101	103
Trinity	Tripp
204	97
Troup	Trousdale
102	102
Trujillo Alto	Trumbull
114	112
Tualauta	Tucker
10	99
Tulare	Tulsa
106	105
Tunica	Tuolumne
99	97
Turner	Tuscaloosa
205	101
Tuscarawas	Tuscola
106	101
Twiggs	Twin Falls
107	104
Tyler	Tyrrell
205	102
Uinta	Uintah

97	98
Ulster	Umatilla
108	101
Unicoi	Union
104	1847
Upshur	Upton
203	104
Upton	Utah
103	101
Utuado	Uvalde
108	104
Vaifanua	Val Verde
10	103
Valdez-Cordova	Valencia
96	106
Valley	Van Buren
296	408
Van Wert	Van Zandt
106	107
Vance	Vanderburgh
103	107
Vega Alta	Vega Baja
108	108
Venango	Ventura
105	104
Vermilion	Vermillion
206	103
Vernon	Victoria
307	105
Vieques	Vigo
114	104
Vilas	Villalba
103	108
Vinton	Virginia Beach City
105	111
Volusia	Wabash
112	204
Wabasha	Wabaunsee
105	100
Wadena	Wagoner
106	104
Wahkiakum	Wake
98	108

Wakulla	Waldo
105	102
Walker	Walla Walla
312	97
Wallace	Waller
99	107
Wallowa	Walsh
101	98
Walthall	Walton
100	215
Walworth	Wapello
204	99
Ward	Ware
203	101
Warren	Warrick
1458	105
Wasatch	Wasco
99	100
Waseca	Washakie
104	97
Washburn	Washington
104	3190
Washita	Washoe
99	103
Washtenaw	Watauga
103	103
Watsonwan	Waukesha
103	114
Waupaca	Waushara
110	108
Wayne	Waynesboro City
1633	106
Weakley	Webb
102	105
Weber	Webster
101	804
Weld	Wells
106	203
West Baton Rouge	West Carroll
106	101
West Feliciana	Westchester
103	123
Westmoreland	Weston

216	98
Wetzel	Wexford
100	100
Wharton	Whatcom
105	102
Wheatland	Wheeler
99	406
White	White Pine
515	101
Whiteside	Whitfield
103	101
Whitley	Whitman
207	98
Wibaux	Wichita
98	202
Wicomico	Wilbarger
99	103
Wilcox	Wilkes
205	207
Wilkin	Wilkinson
103	204
Will	Willacy
112	107
Williams	Williamsburg
202	105
Williamsburg City	Williamson
107	315
Wilson	Winchester City
413	103
Windham	Windsor
201	100
Winkler	Winn
104	101
Winnebago	Winneshiek
315	98
Winona	Winston
106	199
Wirt	Wise
98	212
Wolfe	Wood
101	422
Woodbury	Woodford
98	210

Woodruff	Woods
101	99
Woodson	Woodward
99	99
Worcester	Worth
208	299
Wrangell-Petersburg	Wright
96	308
Wyandot	Wyandotte
106	107
Wyoming	Wythe
314	107
Yabucoa	Yadkin
108	104
Yakima	Yakutat
99	96
Yalobusha	Yamhill
98	106
Yancey	Yankton
106	98
Yates	Yauco
104	108
Yavapai	Yazoo
105	99
Yell	Yellow Medicine
102	102
Yellowstone	Yoakum
100	103
Yolo	Yona
103	25
York	Young
525	103
Yuba	Yukon-Koyukuk
99	96
Yuma	Zapata
202	103
Zavala	Ziebach
104	97