

# 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 -----
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 non-conflicting

[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		Allegheny	
101		205	
Alleghany		111	
209			
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	105	Anne Arundel	103
Anoka	107	Anson	104
Antelope	97	Antrim	100
Apache	103	Appanoose	98
Appling	103	Appomattox	109
Aransas	105	Arapahoe	106
Archer	103	Archuleta	98
Arecibo	108	Arenac	101
Arkansas	101	Arlington	112
Armstrong	212	Aroostook	99
Arroyo	108	Arthur	98
Ascension	104	Ashe	103
Ashland	208	Ashley	101
Ashtabula	105	Asotin	97
Assumption	102	Atascosa	106
Atchison	200	Athens	104
Atkinson	103	Atlantic	104
Atoka	99	Attala	100
Audrain	99	Audubon	97
Auglaize	108	Augusta	106
Aurora	97	Austin	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	99	Becker
	99	105
Beckham	99	Bedford
	99	318
Bedford City	2	Bee
	2	106
Belknap	100	Bell
	100	208
Belmont	103	Beltrami
	103	103
Ben Hill	105	Benewah
	105	100
Bennett	97	Bennington
	97	99
Benson	98	Bent
	98	99
Benton	916	Benzie
	916	99
Bergen	105	Berkeley
	105	206
Berks	113	Berkshire
	113	100
Bernalillo	106	Berrien
	106	207
Bertie	104	Bethel
	104	96
Bexar	116	Bibb
	116	210
Bienville	101	Big Horn
	101	196
Big Stone	103	Billings
	103	97
Bingham	103	Black Hawk
	103	100
Blackford	103	Bladen
	103	104
Blaine	396	Blair
	396	110
Blanco	107	Bland
	107	106
Bleckley	104	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	97	Brooks	208
		Broomfield	
Broome	110		105
		Brown	
Broward	119		927
		Brunswick	
Brule	97		212
		Buchanan	
Bryan	206		308
		Bucks	
Buckingham	108		116
		Buena Vista City	
Buena Vista	98		106
		Bullitt	
Buffalo	300		104
		Bullock	
Bulloch	101		101
		Bureau	
Buncombe	108		104
		Burleigh	
Burke	306		102
		Burlington	
Burleson	107		106
		Burnett	
Burnet	107		104
		Butler	
Burt	98		832
		Butts	
Butte	294		110
		Cabell	
Cabarrus	105		100
		Cache	
Cabo Rojo	108		100
		Caguas	
Caddo	201		114
		Calcasieu	
Calaveras	98		101
		Caledonia	
Caldwell	511		99
		Callahan	
Calhoun	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	106	Cecil
	99	
Cedar		Ceiba
	299	114
Centre	104	Cerro Gordo
	97	
Chaffee	100	Chambers
	205	
Champaign	213	Chariton
	100	100
Charles	100	Charles City
	107	
Charles Mix	98	Charleston
	106	
Charlevoix	99	Charlotte
	219	
Charlottesville City	106	Charlton
	102	
Chase	197	Chatham
	220	
Chattahoochee	106	Chattooga
	102	
Chautauqua	207	Chaves
	101	
Cheatham	102	Cheboygan
	99	
Chelan	99	Chemung
	106	
Chenango	105	Cherokee
	826	
Cherry	97	Chesapeake City
	111	
Cheshire	100	Chester
	322	
Chesterfield	214	Cheyenne
	296	
Chickasaw	197	Chicot
	100	
Childress	103	Chilton
	101	
Chippewa	306	Chisago
	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	102	Coleman
	102	105
Coles	101	Colfax
	101	198
Colleton	108	Collier
	108	110
Collin	113	Collingsworth
	113	103
Colonial Heights City		Colorado
	107	104
Colquitt	102	Columbia
	102	829
Columbiania	110	Columbus
	110	104
Colusa	98	Comal
	98	107
Comanche	301	Comerio
	301	108
Concho	104	Concordia
	104	100
Conecuh	100	Conejos
	100	99
Contra Costa	106	Converse
	106	97
Conway	105	Cook
	105	319
Cooke	106	Cooper
	106	99
Coos	199	Coosa
	199	101
Copiah	101	Corozal
	101	108
Corson	97	Cortland
	97	105
Coryell	106	Coshocton
	106	106
Costilla	100	Cottle
	100	103
Cotton	99	Cottonwood
	99	102
Covington	201	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	199	Davison
	98	98
Dawes	98	Dawson
	404	404
Day	98	De Kalb
	103	103
De Soto	101	De Witt
	103	103
Deaf Smith	104	Dearborn
	103	103
DeBaca	100	Decatur
	505	505
Deer Lodge	101	Defiance
	105	105
DeKalb	519	Del Norte
	98	98
Delaware	636	Delta
	305	305
Denali	96	Dent
	100	100
Denton	112	Denver
	107	107
Des Moines	99	Deschutes
	102	102
Desha	100	DeSoto
	208	208
Deuel	196	Dewey
	196	196
DeWitt	104	Dickens
	103	103
Dickenson	107	Dickey
	98	98
Dickinson	298	Dickson
	102	102
Dillingham	96	Dillon
	104	104
Dimmit	103	Dinwiddie
	108	108
District of Columbia	99	Divide
	96	96
Dixie	103	Dixon
	98	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	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	108		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	97		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	101	104
Gasconade	103	106
Gates	104	101
Geauga	112	103
Genesee	207	101
Gentry	100	100
Georgetown	106	206
Gila	105	104
Giles	209	103
Gilliam	101	202
Gilpin	100	98
Glades	107	100
Glascock	103	103
Glenn	97	212
Glynn	102	100
Golden Valley	195	104
Gonzales	104	109
Goodhue	103	100
Gordon	101	97
Gosper	99	99
Grady	204	101
Garza		
Gaston		
Geary		
Gem		
Geneva		
George		
Gibson		
Gilchrist		
Gillespie		
Gilmer		
Glacier		
Gladwin		
Glasscock		
Gloucester		
Gogebic		
Goliad		
Goochland		
Gooding		
Goshen		
Gove		
Grafton		

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

	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
Layette		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	104	Lawrence
	98	1131
Le Flore	100	Le Sueur
	104	103
Lea	1240	Leake
	98	99
Leavenworth	100	Lebanon
	104	110
Lee	1240	Leelanau
	98	100
Leflore	100	Lehigh
	102	113
Lemhi	100	Lenawee
	102	100
Lenoir	102	Leon
	102	211
Leslie	102	Letcher
	107	102
Levy	107	Lewis
	100	708
Lewis and Clark	100	Lexington
	106	105
Lexington City	106	Liberty
	110	414
Licking	106	Limestone
	110	208
Lincoln	2416	Linn
	103	403
Lipscomb	103	Litchfield
	100	102
Little River	100	Live Oak
	612	104
Livingston	612	Llano
	1011	107
Logan	1011	Loiza
	101	114
Long	112	Lonoke
	101	105
Lorain	112	Los Alamos
	124	101
Los Angeles	124	Loudon
		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	99	108
	99	108
Mono	97	97
	97	97
Monongalia	100	1743
	100	1743
Montague	103	103
	103	103
Monterey	98	98
	98	98
Montgomery	1872	Montmorency
	1872	99
Montour	105	Montrose
	105	100
Moody	97	Moore
	97	312
Mora	100	Morehouse
	100	101
Morgan	1119	Morovis
	1119	108
Morrill	98	Morris
	98	308
Morrison	106	Morrow
	106	208
Morton	199	Motley
	199	103
Moultrie	102	Mountrail
	102	96
Mower	104	Muhlenberg
	104	101
Multnomah	110	Murray
	110	304
Muscatine	100	Muscogee
	100	109
Muskegon	102	Muskingum
	102	106
Muskogee	103	Musselshell
	103	99
Nacogdoches	105	Naguabo
	105	108
Nance	98	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	99	Norton City
		106
Nottoway	108	Nowata
		100
Noxubee	99	Nuckolls
		99
Nueces	109	Nye
		104
O'Brien	97	Oakland
		105
Obion	102	Ocean
		106
Oceana	100	Ochiltree
		103
Oconee	209	Oconto
		109
Ogemaw	99	Oglala Lakota
		194
Ogle	106	Oglethorpe
		104
Ohio	303	Okaloosa
		105
Okanogan	97	Okeechobee
		107
Okfuskee	99	Oklahoma
		105
Okmulgee	101	Oktibbeha
		98
Oldham	205	Oliver
		99
Olmsted	105	Oneida
		313
Onondaga	111	Onslow
		102
Ontario	104	Ontonagon
		101
Orange	865	Orangeburg
		107
Oregon	99	Orleans
		311
Orocovis	108	Osage
		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	97	Pender
	97	104
Pendleton	203	Pennington
	203	203
Penobscot	101	Penuelas
	101	108
Peoria	110	Pepin
	110	102
Perkins	195	Perquimans
	195	102
Perry	1031	Pershing
	1031	101
Person	104	Petersburg City
	104	108
Petroleum	99	Pettis
	99	99
Phelps	197	Philadelphia
	197	114
Phillips	398	Piatt
	398	102
Pickaway	111	Pickens
	111	315
Pickett	102	Pierce
	102	505
Pike	1019	Pima
	1019	111
Pinal	107	Pine
	107	103
Pinellas	116	Pipestone
	116	102
Piscataquis	101	Pitkin
	101	98
Pitt	103	Pittsburg
	103	99
Pittsylvania	109	Piute
	109	98
Placer	101	Plaquemines
	101	105
Platte	303	Pleasants
	303	99
Plumas	98	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
Schuylerville		Schuylkill	
	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	96	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	99	Sweetwater
	99	97
Swift		Swisher
	103	104
Switzerland	102	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	108	Umatilla	101
Unicoi	104	Union	1847
Upshur	203	Upson	104
Upton	103	Utah	101
Utuado	108	Uvalde	104
Vaifanua	10	Val Verde	103
Valdez-Cordova	96	Valencia	106
Valley	296	Van Buren	408
Van Wert	106	Van Zandt	107
Vance	103	Vanderburgh	107
Vega Alta	108	Vega Baja	108
Venango	105	Ventura	104
Vermilion	206	Vermillion	103
Vernon	307	Victoria	105
Vieques	114	Vigo	104
Vilas	103	Villalba	108
Vinton	105	Virginia Beach City	111
Volusia	112	Wabash	204
Wabasha	105	Wabaunsee	100
Wadena	106	Wagoner	104
Wahkiakum	98	Wake	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	
Watowan		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	100	Wexford
Wharton	105	Whatcom
Wheatland	99	Wheeler
White	515	White Pine
Whiteside	103	Whitfield
Whitley	207	Whitman
Wibaux	98	Wichita
Wicomico	99	Wilbarger
Wilcox	205	Wilkes
Wilkin	103	Wilkinson
Will	112	Willacy
Williams	202	Williamsburg
Williamsburg City	107	Williamson
Wilson	413	Winchester City
Windham	201	Windsor
Winkler	104	Winn
Winnebago	315	Winneshiek
Winona	106	Winston
Wirt	98	Wise
Wolfe	101	Wood
Woodbury	98	Woodford

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	