Professional Weather Station E 9300

Operating instructions

Contents

1. General information and functions

The E9300 Professional Weather Station is a high-quality universal weather measuring system that processes a wide range of weather data and additional information and can display both current values and forecasts.
All relevant data are displayed simultaneously on the LCD, while additional data can be called up at the press of a button as required.
The exclusive Weather Wiz Kid figure on the LCD makes reading the forecast a breeze. His clothes indicate the actual temperature range outdoors, his hair and scarf the current wind speed range and an umbrella forcasts precipitation and indicates the beginning and end of rain.
The weather station operates completely wirelessly by means of batteries; all external sensors transmit their data by radio on the 433 MHz frequency (range up to 300 ft. in the open).

The display and control possibilities of the E 9300 at a glance:

Display of the indoor temperature and humidity
- Temperature display in ˚F
- Can be switched over to display the dew point indoors
- Storage of the minimum and maximum temperature with the time/date of occurrence
- Storage of the minimum and maximum humidity with the time/date of occurrence
- Comfort zone indicator
- Graphic indicator path for the last 24 h

Display of one of max. 9 outdoor sensors (temperature and humidity)
- Optional display of temperature, dew point or wind chill temperature
- Storage of the minimum and maximum temperature with the time/date of occurrence
- Storage of the minimum and maximum humidity with the time/date of occurrence
- Graphic indicator path for the last 24 h

Display of the wind speed
- Selectable units: km/h, m/s, mph
- Storage of the maximum wind strength with time/date of occurrence
- Additional graphic display (wind sock) for light, moderate and strong wind

Display of the amount of rainfall in mm, l/m² or inch for:
- Total quantity since the last reset / last hour / last 24 h
- Storage of the maximum amount per hour and per day
- Additional display for commencing rain (instant rain display)

Display of the change / trend in air pressure:
- Graphic display of the changes in the last 24 h
- Display of the air pressure trend in 5 steps: rising steeply, rising, no change, dropping, dropping steeply

Symbolic indication of the weather forecast: rainy, cloudy, fine, sunny

Indication of the time and date
- Integrated quartz clock

Indication of sunrise and sunset
- Based on the location data to be entered individually, can be calculated in the range of the degrees of latitude -60 to +60˚ N

Moon phase display
- Display of the current moon phase: new moon, waxing moon, full moon, waning moon

Weather "Wiz Kid" display
Makes reading the forecast a breeze. Just watch what he is wearing - scarf umbrella, swimsuit, or one of 50 clothing changes - and know the weather before you even look outside! The Wiz Kid`s appearance depends on several weather factors, enabling the user to see at a glance what sort of clothing is appropriate for the current weather and to be prepared for changes in weather conditions. Outdoor temperature, humidity, wind and rain are analyzed. In addition a computed forecast based on conditions influence the Wiz Kid`s attire.
Please refor to page 24 of these operating instructions for a detailed description of the analyzed criteria.

Please read these instructions carefully from start to finish before initial start-up to avoid functional breakdown and faulty operation. Keep the instructions available for future reference.
Pay particular attention to the installation and calibration instructions for the instruments for recording the measured values.

Quick overview of the main display fields
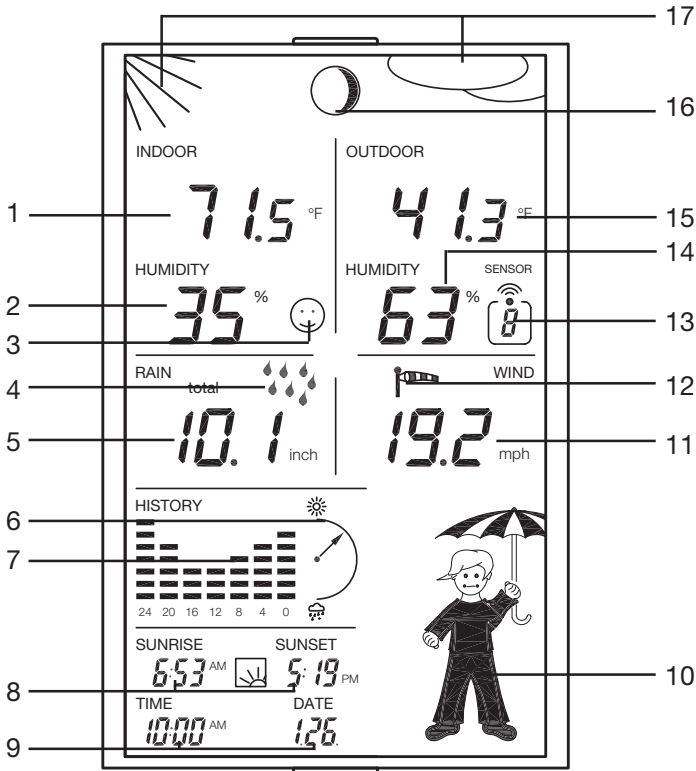
1. Current temperature, indoor sensor
2. Current humidity, indoor sensor
3. Comfort zone indicator for the display of pleasant/unpleasant climate
4. Display for the onset of rain
5. Display of the rainfall, in this case in the last 24 h
6. Tendency display for air pressure: rising steeply, rising, constant, falling, falling steeply
7. History display, in each case relative to the value chosen in the configuration; in this case the air pressure
8. Display of sunrise and sunset
9. Time and date display
10. Animated "Wiz Kid" multi-weather display
11. Wind speed display
12. Wind speed display (light, moderate, strong)
13. Display of the current chosen outdoor sensor; no display if combi-sensor is chosen
14. Current humidity of the selected outdoor sensor
15. Current temperature of the selected outdoor sensor
16. Moon phase display
17. Weather forecast display (sunny, bright, cloudy, rainy)

The respective units of measurement are assigned via the weather station configuration (see further instructions).

2. Preparation for operation

Start up all outdoor sensors first, then the base station.

2.1. The outdoor sensors
The following outdoor sensors are available for the weather station:

- E 9301 combi-sensor: This is a permanently addressed combination sensor consisting of rain sensor, instant rain detection sensor, wind speed sensor, outdoor temperature/humidity sensor and integrated transmitter unit. Operation is by means of three AA batteries.

- E 9305 outdoor temperature/humidity sensor: Addressable sensor, battery-operated (2 AA batteries). Up to 8 sensors of this type can be used for operation on the E 9300.

Commissioning
E 9301
The E 9301 is commissioned according to the following procedure:

- Assemble the pipes of the sensor mast via the pipe-connectors. The pipe, which is squeezed on one side, is used as earth spike. Connect the twin-connector with the E 9301 to the top of the mast.
- Open the housing of the sensor by turning the housing counter-clockwise and pulling from underneath (see picture bottom left).
- Insert three AA batteries into the battery compartment as indicated by the pole markings in the compartment.

To detach:
Turn to the left, remove from underneath

To attach:
Attach, turn to the right

Bottom
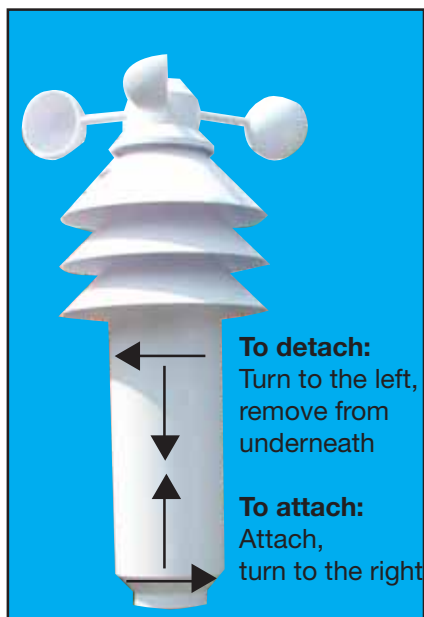
The sensor will now be in synchronisation mode for about 5 minutes, during which one data packet will be sent every 4 seconds.
- Close the housing again by pushing it up and turning it clockwise until it engages.
- Erect the now fully assembled sensor within the possible transmission radius (up to 300 ft. in the open, but make allowances for the attenuating effects of walls etc.) so that it stands alone in such a way that both precipitation can fall directly into the rain sensor and that the wind measurement is not distorted by nearby buildings, trees etc.
  A sunny spot is possible, since the temperature sensor is located in a shaded and ventilated area of the housing.
- Push the earth spike far enough into the soil for the sensor to stand securely and the devices to be about 6 ft. above ground level.

E 9305
For the installation, addressing and commissioning of this sensor, please refer to the operating instructions supplied with the unit.

2.2. Base unit
The weather station is operated with 4 x 1.5 V AA batteries (alkaline).

- If the stand of the weather station is already assembled, detach it by pressing back the station while the stand is held firmly on a table.
- Open the battery compartment on the rear of the station by lifting it up and insert four AA batteries according to the poling marked in the compartment.
- Close the battery compartment again.
- After a display test phase in which the display shows all the available segments, the weather station goes into a synchronisation phase for 15 minutes. During this time all the received radio weather sensors will be displayed immediately one after the other. If all the sensors you installed have already been received, you can end synchronisation mode early by pressing any key, provided that the E 9301 has left its synchronisation mode (this takes about 5 minutes).
- After synchronisation all weather data are displayed as normal as shown in page 6. Only sunrise and sunset and the moon phase are not yet displayed, because the clock and calendar have yet to be set.
- Configure the base unit as described under 3.1.

Setting up/Wall mounting

Depending on requirements, the weather station can be hung on a vertical surface (wall) by means of the attachment eye or set up on a horizontal surface using the fold-out desk stand.

- The desk stand is erected as illustrated in the following pictures. It is important that the short claws of the desk stand are first inserted into the brackets on the rear of the unit.
- The desk stand is then tilted forward until the long claws engage in the snap-in brackets on the bottom side of the station.
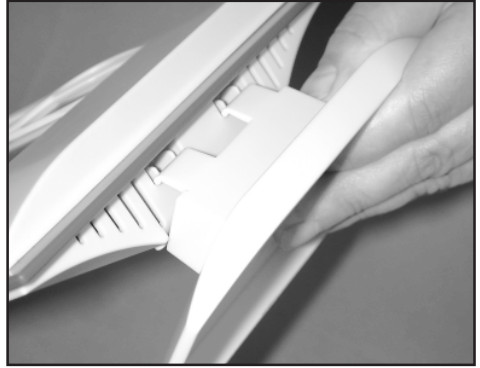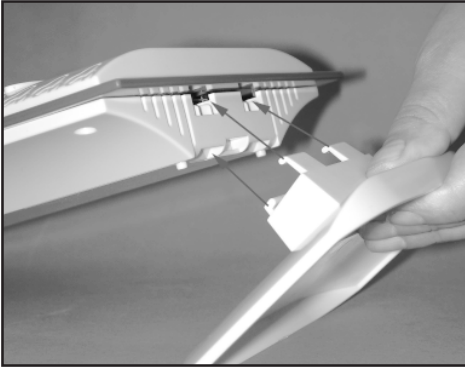
3. Operation

After the installation of the radio sensors and the subsequent commissioning of the base unit, the transmitted and converted data appear in the appropriate fields of the display. If the display does not appear you will find information on trouble-shooting in section 5.

3.1. Basic settings, configuration

The weather station is delivered in such a way that it is operational in its basic functions (apart from moon phase, sunrise and sunset display, date and time) immediately after commissioning.

However, further configuration is required in order to make use of the additional time-related functions.

The following settings are required:
- Year, date, time
- Status of the daylight saving time (On/Off)
- Input of the longitude and latitude of the location
- Time zone input

Expanded settings:
- Rain sensor calibration
- Unit of rain quantity
- Assignment of the indicator path (air pressure, inside and outside temperature)
- Unit of wind strength

In configuration mode the keys have the following functions:

IN	→ not used	
SENSOR	→ EXIT	Leave configuration mode
MIN/MAX	→ +	Increase value
RAIN	→ –	Decrease value
OUT	→ NEXT	To the next setting

This key assignment is also shown on the rear of the weather station.

Please note!
If you press and hold down the "+" or "-" keys during the individual setting operations, the figures will run through more quickly.
After every setting operation you can either leave configuration mode by pressing the "EXIT" key or proceed to the next setting via the "NEXT" key.

Configuration is performed in this order:

┌→ Year → Month → Date → Minutes → Hours → Daylight saving time→
Deg. latitude (LA) → Deg. longitude (LO) → Time zone (ti) → Rain sensor
calibration→ Rain quantity unit → Assignment of indicator path → Wind unit┐
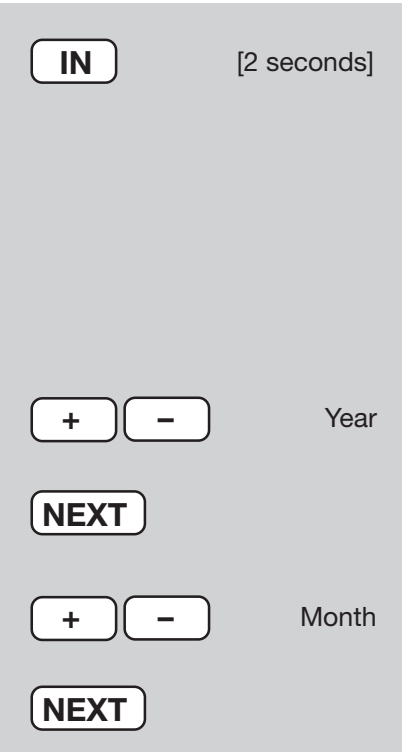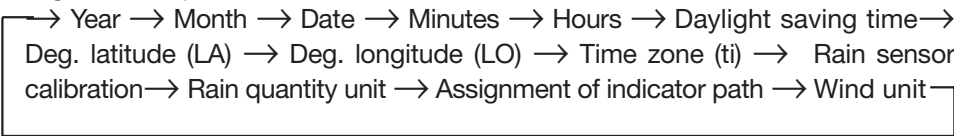
Calling up configuration mode

IN [2 seconds]

Configuration mode is called up by pressing the "IN" key for about 2 seconds. When the key is released the corresponding display is shown.

You can leave configuration mode at any time as described in "**Leaving configuration mode**".

Setting the date and time

+ **–** Year

Set the current year using the "+" and "-" keys.

NEXT

Press "NEXT" to go to the month setting.

+ **–** Month

Set the month using the "+" and "-" keys.

NEXT

Press "NEXT" to go to the date setting.

+ **−**	Date	Set the date using the "+" and "-" keys.
NEXT		Press "NEXT" to go to the minutes setting.
+ **−**	Minute	Set the minutes using the "+" and "-" keys.
NEXT		Press "NEXT" to go to the hours setting.
+ **−**	Hour	Set the hours using the "+" and "-" keys.
NEXT	Display "dSt"	Press "NEXT" to go to the setting of the daylight-saving-time status. This is indicated by "dSt" in the display.

Setting the status of the daylight saving time

+ **−**	Hour	Press "-" to switch off the daylight saving time or press "+" to switch on the daylight saving time. Use this function to adjust the clock for daylight saving time rather than resetting the clock. This will ensure proper display of sunrise and sunset times.
NEXT	Display "LA"	Press "NEXT" to go to the latitude setting. This is indicated by "LA" in the display.

Entering latitude and longitude

Indication of the exact position of the weather station is required so that sunrise and sunset times can be calculated. The degree of latitude can be set in a range between –60.0° and +60.0°. The factory setting is the position of Washington D. C. You can determine your position in a number of ways:

- *In the appendix is a table showing the coordinates of all US counties. You can*

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select a location near you and enter its coordinates.

- *If you have a GPS navigation system, e.g. in the car or a mobile device, you can copy its position indication to obtain an exact location.*
- *Exact coordinates can also be obtained from the Internet. There are numerous sites which deal with navigation.*

Remember that strictly speaking the information for sunrise and sunset applies only by the sea or for land that is completely flat. Mountains, high forests etc. can reduce the actual daytime considerably.
Even in an ideal location the figures may deviate by a few minutes since an approximation formula is used for the calculation.

[+] [−] Latitude

Set the latitude using the "+" and "-" keys. Example: for 38.9˚, enter: 389

[NEXT] Display "LO"

Press "NEXT" to go to the longitude setting. This is indicated by "LO" in the display.

[+] [−] Longitude

Set the longitude using the "+" and "-" keys. Example: for 283.0˚, enter: 2830

[NEXT] Display "ti"

Press "NEXT" to go to the time zone setting. This is indicated by "ti" in the display.

Setting the time zone

Indication of the time zone is required so that the sunrise and sunset times can be calculated. The actual difference from UTC (Universal Time) must be entered. In the appendix is a table showing the time zone difference from UTC for Noth American time zones.

[+] [−] Time zone

Enter the actual value for your time zone using the "+" and "-" keys.
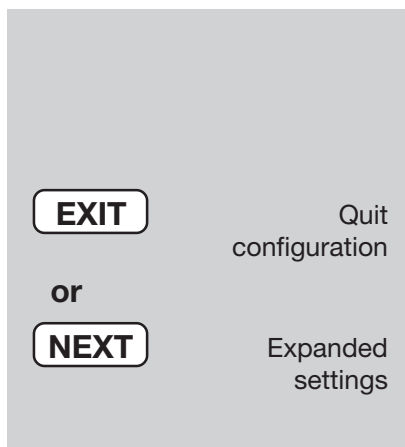
All the settings required for the weather station to operate normally have now been made. The expanded settings are not needed for normal operation.

| EXIT | Quit configuration |

Press the "EXIT" key to leave configuration mode and return to normal mode.

or

| NEXT | Expanded settings |

Press the "NEXT" key in order to make expanded settings and to calibrate the rain sensor.
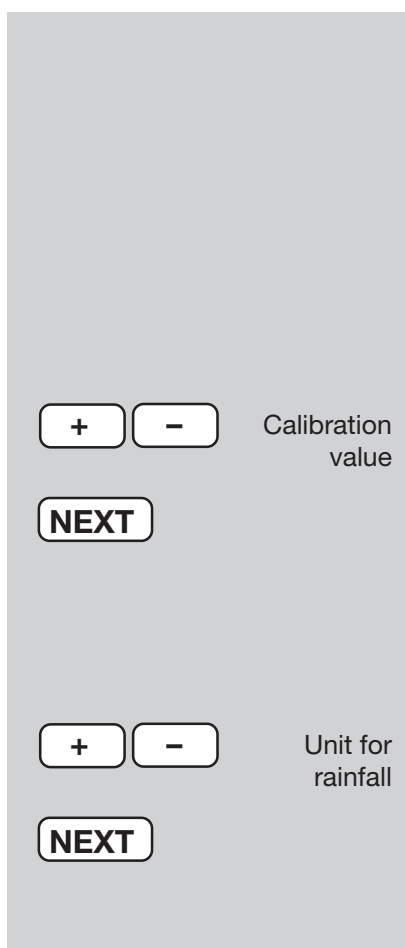
Entering the rain sensor calibration value

The rainfall measuring system is delivered from the factory with high accuracy, so that normally no calibration is required. Please only make adjustments if necessary.

The calibration value must initially be determined in normal mode as described under 7.2.

| + | − | Calibration value |

Enter the previously calculated calibration value using the "+" and "-" keys.

| NEXT |

Press "NEXT" to proceed to inputting the unit of rainfall measurement.

Setting the unit for rainfall measurement

The unit for the rainfall is indicated in the "RAIN" field and can be expressed as l/m^2 mm, or inches.

| + | − | Unit for rainfall |

Select the desired unit using the "+" and "-" keys.
Press "NEXT" to get to the input function for the indicator path.

| NEXT |

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Assigning the indicator path (History display)

The history of the air pressure, the inside or the outside temperature can be illustrated in the display field of the graphic indicator path. If the indicator path is assigned to one of the two temperature displays, the additional symbol "↳⤸" appears in the relevant display field to remind the user which measurement is indicated in the history display.

Abbreviations in the display field:

$$P \rightarrow \text{Air pressure}$$
$$O \rightarrow \text{Outside temperature}$$
$$I \rightarrow \text{Inside temperature}$$

| + | − | | Assign history |

Select the desired assignment using the "+" and "-" keys.

| NEXT |

Press "NEXT" to proceed to inputting the unit of wind speed measurement.

Setting the unit for wind speed

The unit can be chosen from km/h, m/s or mph and is displayed in the "WIND" field.

| + | − | | Unit for wind |

Select the desired unit using the "+" and "-" keys.

Leaving configuration mode

| EXIT |

Press the "EXIT" key to leave.

3.2. Operation

Follow these instructions to operate the Professional Weather Station on a day to day basis.

Selecting the indoor temperature display
In normal mode the "INDOOR" display field shows the indoor temperature and indoor humidity.
- By repeatedly pressing the "IN" key, you can switch between displaying the indoor temperature and the associated dew point value:

$\rightarrow$ Indoor temperature $\longrightarrow$ Dew point
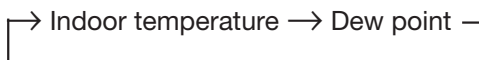
Selecting the outdoor temperature display
In normal mode the "OUTDOOR" display field shows the outdoor temperature and outdoor humidity of the chosen outdoor sensor.
- By repeatedly pressing the "OUT" key, you can switch between displaying the outdoor temperature and the associated dew point value or the perceived temperature (wind chill):

$\rightarrow$ Outdoor temperature $\longrightarrow$ Dew point $\longrightarrow$ Wind chill
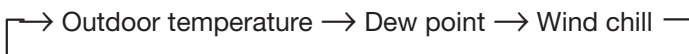
Selecting the outdoor sensor
The "Sensor" display field shows the outdoor sensor you have just selected, along with its address. Only active sensors (received in the synchronisation phase) are displayed.
The outdoor sensors 1 to 8 (E 9305) and the combi-sensor (no address shown) can be displayed.
- You can select the desired sensor by repeatedly pressing the "SENSOR" key.

Selecting the rainfall display period
- By repeatedly pressing the "RAIN" key, you can switch between the indication for the last hour, the last 24 hours or the total quantity since the last reset or since the batteries were inserted:

$\rightarrow$ 1 h $\longrightarrow$ current 1 h $\longrightarrow$ 24 h $\longrightarrow$ current 24 h $\longrightarrow$ total
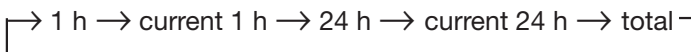
Resetting the total rainfall quantity
- Press and hold the "RAIN" key down for about 2 s to reset the total rainfall quantity immediately after the key is released.

Calling up MIN/MAX values

The minimum and maximum values reached for the indoor and outdoor temperature and indoor and outdoor humidity since the data were last deleted are saved. For the wind speed and rainfall measurement, only the MAX values are saved.
For all figures, the date and time that the extreme value occurred are also saved. The stored data can be called up as follows:

Calling up minimum values

- Press the "MIN/MAX" key once:
  The display shows all minimum values in the relevant display fields. "MIN" appears in the middle of the display. There is no indication for wind and rain.

Calling up maximum values

- Press the "MIN/MAX" key twice:
  The display shows all maximum values in the relevant display fields. "MAX" appears in the middle of the display.

- Press the "MIN/MAX" key again to return to the normal display.

Displaying the time/date for an individual extreme value, deleting the extreme value

  For each individual extreme value you can, if necessary, view the relevant time and date on which it occurred.

- Select the display of the minimum values (press the "MIN/MAX" key once) or the maximum values (press the MIN/MAX" key twice).
- Press the "SENSOR" key repeatedly. Now only one display field with its extreme value will be shown in turn, and underneath in the time display the time and the date on which it occurred, shown in the following order.

  Indoor temperature → Indoor humidity → Outdoor temperature → Outdoor humidity → Rainfall (MAX only, not in the case of TOTAL) → Wind speed (MAX only)

- Press the key once more to return to the complete display of all extreme values (MIN or MAX).

Deleting MIN/MAX values

- If the individual extreme values are called up as described above, you can delete each of them in turn by pressing and holding the "RAIN" key down.

3.3. Additional functions

Moon phase display
The moon phase is displayed with the following symbols:

Full moon   Waning   New moon   Waxing
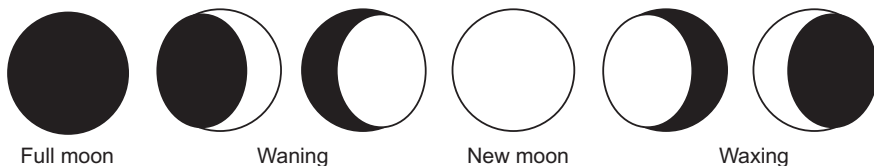
Wiz Kid
The Wiz Kid is an animated figure that indicates several weather factors at the same time:

Outdoor temperature (combi-sensor only)
- The clothing worn depends on the outdoor temperature on the combi-sensor.

Rain
- If the forecast function has predicted rainy weather, the figure carries a furled umbrella.
- If rain is beginning, the figure carries an open umbrella.

Wind speed
- At wind speeds in excess of 12,4 mph (moderate wind) the Wiz Kid`s hair appears to be wind blown. If the temperature is less than 57,2 °F at the same time, the scarf that he now wears will also wave in the wind.

Weather forecast
- The weather forecast symbols at the top of the display indicate the following predictions:
  - · Clouds with rain   →   Rainy
  - · Clouds   →   Cloudy
  - · Clouds with sun   →   Fine
  - · Sun   →   Sunny

Other display options

Wind symbol display (wind sock)
- The wind sock symbol in the "WIND" display field allows you to see at a glance whether the wind is light, moderate or strong:

  - · Wind sock hanging down   →   Light wind (< 6,2 mph)
  - · Wind sock half raised   →   Moderate wind (6,2...12,4 mph)
  - · Wind sock horizontal   →   Strong wind (> 12,4mph)

Instant rain display

- The onset of rain is reported to the base station in the next radio data transmission and indicated by raindrops in the "RAIN" field and the Wiz Kid`s umbrella being open.

Comfort indicator

- The **comfort indicator** (☹☺☺) illustrates the climatic conditions (i.e. the relationship between temperature and humidity). Chapter 9 has a table of values for the display ranges.

4. Changing batteries

Base station

If the flat battery symbol appears in the display (Lo Bat ▰▱) all batteries must be changed for ones of the same type as described in Section 2.2 (Base unit, p. 8). Always change all 4 batteries and use only high-quality alkaline cells.

Please note!
After changing the batteries, the weather station will be re-initialised, all stored settings will be lost and will have to be re-entered.

Radio sensors

The batteries in these sensors have a service life of up to 2 years (alkaline batteries). They must be changed when the display of the appropriate sensor in the base device display does not appear for more than 24 hours and there is no general and longer lasting interference of the radio path, which can usually be recognised by the fact that data transmission from other, neighbouring sensors has also broken down (see section 5).
The batteries are changed as described under 2.1.

Please dispose of dead batteries properly.

5. Troubleshooting

Possible faults that could impair the correct display of the transmitted readings are:

No reception – The distance between transmitter and receiver is too great.
Reduce the distance between the transmitter and the receiver.

No reception – Dense shielding materials are positioned between the transmitter and the receiver (thick walls, reinforced concrete, ...)
Find another position for the transmitter and receiver. See also chapter 6 ("Range").

Transmitter batteries are discharged.
Change batteries

Transmitter is blocked by a source of interference
(radio device, radio headset/loudspeaker)
Remove source of interference or find alternative location for transmitter and receiver. Often the interference is of a temporary nature (radio telephony) or can be removed very easily. If there are radio headsets, baby listening devices or similar devices operating on 433 MHz in your house or in the neighbourhood, their turn-on time is normally limited. Most of these devices permit change to a frequency free of interference. A measure such as this effectively cuts out interference.

A radio sensor interferes with other devices in the 433 MHz range
The transmissions from a radio sensor can interfere with other devices on the same channel for a short period (every 3 minutes for about 100 ms).

Further information on installation and removal of interference

Under critical reception conditions the sensor test mode makes it easier to choose the best possible location. For this purpose, the sensor concerned is put in test mode, so that every four seconds a data packet is transmitted.
To activate the test mode, remove the batteries from the sensors and then wait for at least 60 seconds before putting them back in. You must then initiate synchronisation mode on the base unit, also by removing and then reinserting the batteries (Attention! All settings and collected data will then be lost!)

Rotate the weather station a little if required, and if reception is bad, locate it away from electric motors, electrical machines, televisions, computer monitors and large metal surfaces.

To facilitate commissioning you can initially locate the sensors in the vicinity of the base unit (at least 6 ft. distance). In this way you can check the correct transmission of data by the sensor.

6. Range

The free field range, i.e. the range of the line of sight contact between the transmitter and the receiver is 300 ft. under optimum conditions. Walls and even reinforced concrete can be penetrated, which does, however, reduce the range. A reduced range can occur due to the following reasons:

· High-frequency interference of all kinds
· Built structures and vegetation of all types
· The distance of the transmitter or receiver from conductive surfaces or objects (even to the human body or the ground) has an effect on the transmission characteristics and therefore the range.
· Wide band interference in built up areas can reach levels that reduce the signal-noise ratio throughout the frequency band which results in a reduced range.
· Devices with adjacent working frequencies can also influence the receiver.
· Badly shielded PCs can irradiate the receiver and limit its range.

7. Maintenance and servicing information

- Protect the basic device against dust and moisture. Never clean it with chemical cleaning materials, use only a soft, dry cloth. Do not exert any pressure on the display.
- The outdoor sensor must be cleaned of adhering dirt from time to time. When you do so, check that the wind sensor can move freely and that the sensors are firmly located on the holder.

7.1. Cleaning the rainfall sensor
- Depending on the location, leaves and particles of dirt, sand, twigs etc. carried along by the wind can get into the collector funnel of the rainfall sensor. Larger items can clog up the opening. Sand can also accumulate in the counter rocker, distorting the measuring results as the quantity increases.
- The rainfall sensor should therefore be cleaned from time to time, but at least once a year.
- To do this, remove the sensor housing by turning it slightly to the left.
- The collector funnel is also removed by being turned to the left.
- The rainfall sensor is then lifted up and folded over towards the cable side so that the counter rocker can be removed.

- Clean residue from the collector funnel, contacts, counter rocker and drain hole at the bottom of the housing.
- Insert the counter rocker back into its bracket. The magnet of the counter rocker must be on the side next to the cable.
- Insert the rainfall sensor into its bracket. It will automatically hold the counter rocker firmly. The cable of the rainfall sensor and the magnet of the rocker arm must be on the same side.
- Then put the collector funnel onto the sensor holder from above and engage it by turning it to the right.
- Push the housing back in again from underneath and engage it in the sensor holder by turning it to the right until it slots in. Make sure that the drain holes of the housing and sensor holder coincide (drain hole of the housing points to the outside).

The following pictures illustrate the disassembly/assembly process
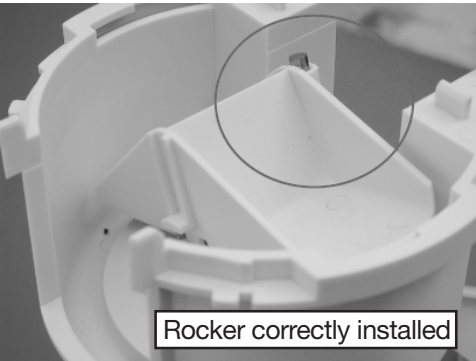
Rocker correctly installed
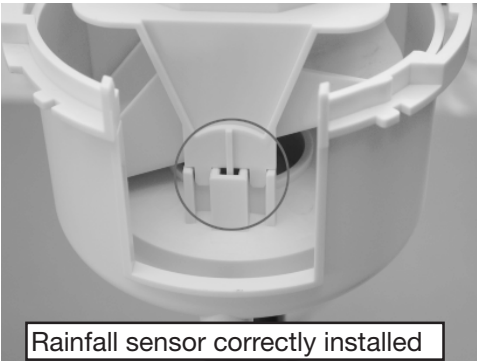
Rainfall sensor correctly installed

Slot for collection funnel
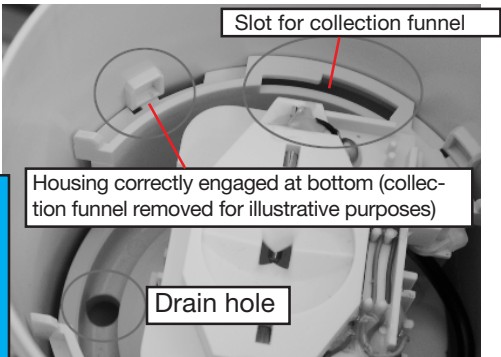
Housing correctly engaged at bottom (collection funnel removed for illustrative purposes)

Drain hole

To detach:
Turn to the left, remove housing from underneath, remove collection funnel from above

To attach:
Attach, turn to the right

7.2. Calibrating the rain sensor

The rainfall measuring system is delivered from the factory with high accuracy, so that normally no calibration is required.

Calibration is only necessary when very high accuracy is required.

Before beginning to calibrate the rainfall measurement recorder, reset any total rainfall quantity that may be indicated in the normal display mode back to zero (press and hold the "RAIN" key down for about 2 s in normal display mode - when the key is released, the total rainfall quantity will be zero. Set the units for rainfall measurement to display in l/m^2. See section 3.1 to set the units).

For the exact calibration proceed as follows:

1. Over a ten-minute period slowly pour 100 ml (3,38 oz.) of water into the rain sensor collector funnel.

   CAUTION!
   Pouring quickly will falsify the measurement result! Slowly pour the water into the funnel so water is at no time resting in the funnel.

2. The total amount displayed should be 6.5 l/m^2.

3. If a different value is displayed, then the rocker value should be recalculated as follows:

$$\text{New rocker value} = \frac{6.5 \times \text{current rocker value}}{\text{Actual value (display when filled with water)}}$$

The new rocker value must now be entered in the configuration menu (see 3.1). It is always given in ml/rocker stroke, **the units on the right are the units for the subsequent display of rainfall!**

The factory setting is 295 ml/rocker stroke.

8. Technical data

Measurement interval for outdoor sensors: ....approx. 3 min
Measuring interval for indoor sensor: .... 10 min
Transmission frequency: .... 433.92 MHz
Free field range: ....max. 300 ft.
Indoor temperature range: ....32 ˚F to +140.0 ˚F
Resolution: .... 0.1 ˚F
Accuracy: ....±1.5 ˚F
Outdoor temperature range (KS 300US): .... -21 ˚F to +175.8 ˚F
Resolution: .... 0.1 ˚F
Accuracy: ....±1.5 ˚F
Measuring range for relative humidity (indoor/outdoor): .... 0% - 99 %
Resolution: 1%
Accuracy: ....±5%
Rainfall indicator: ....0 to 99.9 inch
Analysis interval: ....last hour: at xx:30 hours, total for day: at 7.30 a.m.
Resolution: .... < 0.3 mm
Wind speed: .... 0 - 124 mph
Resolution: ....up to 100 mph: 0.1 mph; over 100 mph: 1 mph
Voltage supply:
Base station .... 4 x 1.5 V/AA battery
KS 300US: .... 3 x 1.5 V/AA battery
Dimensions (W x H x D) of base station: .... 6,3" x 8,5" x 1,3" (excluding stand)

9. Explanation of terms

Perceived temperature - see Wind chill

Dew point - Temperature point that is dependent on the conjunction of a specific air pressure, a specific temperature and a specific humidity. At this temperature humidity begins to condense, the so-called dew, the humidity condenses and precipitates as a liquid. If the dew point for water vapour is less than 32 °F, the condensation occurs as snow or frost.

Weather forecast - Forecast display using weather symbols, calculated from the speed at which the air pressure rises or falls (tendency).
The speed of change of air pressure is the critical factor for the prediction of the coming weather; the absolute value is of secondary importance. In general, it can be said that rising air pressure indicates better weather, while falling air pressure indicates deteriorating weather.

Wind chill equivalent temperature (perceived temperature) - A fictitious temperature, which the human body feels under certain conditions instead of the measured temperature, and which can be used at low temperatures (e.g. less than

44.6 ˚F) to say how comfortable one feels at certain temperatures and wind speeds whilst wearing appropriate clothing. These conditions are a temperature below 91.4 °F and a wind speed higher than 9.4 mph. Wind chill is defined as the cooling effect of uncovered skin at an assumed constant 91.4 °F skin surface temperature. The higher the wind speed is and the lower the actual temperature, the more noticeable is the wind chill effect.

The "perceived temperature" is roughly comparable to the so-called felt temperature, which additionally takes into account the radiation effect of the sun, light refection from the clouds, the light wavelength, etc.

Wind strength table

Beaufort	Wind speed mph	Wind speed km/h	Description
0	0 - 1	0 - 0.7	Calm
1	1 - 3	0.8 - 5.4	Slight air
2	4 - 7	5.5 - 11.9	Light breeze
3	8 - 12	12.0 - 19.4	Gentle breeze
4	13 - 18	19.5 - 28.5	Moderate breeze
5	19 - 24	28.6 - 38.7	Fresh breeze
6	25 - 31	38.8 - 49.8	Strong breeze
7	32 - 38	49.9 - 61.7	Moderate gale
8	39 - 46	61.8 - 74.6	Fresh gale
9	47 - 54	74.7 - 88.9	Strong gale
10	55 - 63	89.0 - 102.,4	Whole gale
11	64 - 72	102.5 - 117.4	Storm
12	> 73	> 117.4	Hurricane

The **Comfort Indicator** (☹😐☺) represents the climatic conditions, for which the following table is used (the symbol status shows the area of validity):

Temperature	Humidity									
	20%	30%	35%	40%	45%	50%	55%	60%	65%	70%
<64.4°F	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
64.4°F-67.8°F	☹	☹	☹	😐	😐	😐	😐	😐	😐	☹
67.9° F-71.4°F	☹	☹	☹	😐	☺	☺	☺	☺	😐	☹
71.4°F-75.0°F	☹	☹	😐	☺	☺	☺	☺	😐	☹	☹
75.1° F-78.6°F	☹	😐	☺	☺	☺	☺	😐	☹	☹	☹
78.7°F-82.2°F	☹	😐	😐	😐	😐	😐	😐	☹	☹	☹
> 82.2°F	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹

It can be seen from this that, depending on the ratio of temperature to humidity, there are clearly bounded areas, which are defined as a comfortable or an uncomfortable climate. Hence, one finds a humidity level of 30% at a temperature of 77 °F, for example, to be too dry (e.g. heating air) and one above 60% to be sultry.

10. Intended usage, exclusion of liability, safety instructions

- This weather station is intended for domestic use as an indicator of future weather. The forecasts of this device are to be considered guidelines only and do not in any way constitute absolutely accurate predictions.
- The manufacturer of this weather station accepts no responsibility for incorrect measurements and the consequences arising therefrom.
- This weather station is not suitable for medical purposes or public information display.
- The components of this weather station are not toys! They contain breakable glass and small parts. Erect all components in such a way that they are out of the reach of children.

11. FCC Information

FCC ID: RNT-WS300US

Changes or modifications not expressly approved in writing by ELV Electronics Limited may void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The internal antenna used for this mobile transmitter must provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Appendix A: Table of latitude/longitude for US counties.

State	County	Latitude	Longitude
AL	Autauga County	32.5	273.4
AL	Baldwin County	30.6	272.3
AL	Barbour County	31.9	274.7
AL	Bibb County	33.0	272.9
AL	Blount County	34.0	273.4
AL	Bullock County	32.1	274.3
AL	Butler County	31.7	273.3
AL	Calhoun County	33.7	274.2
AL	Chambers County	32.9	274.7
AL	Cherokee County	34.2	274.4
AL	Chilton County	32.9	273.3
AL	Choctaw County	32.0	271.7
AL	Clarke County	31.7	272.2
AL	Clay County	33.3	274.2
AL	Cleburne County	33.6	274.5
AL	Coffee County	31.4	274.0
AL	Colbert County	34.7	272.3
AL	Conecuh County	31.4	273.0
AL	Coosa County	33.0	273.8
AL	Covington County	31.3	273.6
AL	Crenshaw County	31.7	273.7
AL	Cullman County	34.2	273.2
AL	Dale County	31.4	274.4
AL	Dallas County	32.4	272.9
AL	DeKalb County	34.5	274.2
AL	Elmore County	32.6	273.8
AL	Escambia County	31.1	272.8
AL	Etowah County	34.0	274.0
AL	Fayette County	33.7	272.2
AL	Franklin County	34.5	272.2
AL	Geneva County	31.1	274.2
AL	Greene County	32.8	272.0
AL	Hale County	32.8	272.4
AL	Henry County	31.5	274.7
AL	Houston County	31.2	274.6
AL	Jackson County	34.8	274.1
AL	Jefferson County	33.5	273.2
AL	Lamar County	33.8	271.9
AL	Lauderdale County	34.9	272.4
AL	Lawrence County	34.6	272.7
AL	Lee County	32.6	274.7
AL	Limestone County	34.8	273.0
AL	Lowndes County	32.2	273.3
AL	Macon County	32.4	274.3
AL	Madison County	34.7	273.4
AL	Marengo County	32.3	272.2
AL	Marion County	34.1	272.1
AL	Marshall County	34.3	273.7
AL	Mobile County	30.7	271.9
AL	Monroe County	31.6	272.6
AL	Montgomery County	32.3	273.7
AL	Morgan County	34.5	273.1
AL	Perry County	32.6	272.7
AL	Pickens County	33.3	271.9
AL	Pike County	31.8	274.1
AL	Randolph County	33.3	274.6
AL	Russell County	32.4	274.9
AL	St. Clair County	33.7	273.7
AL	Shelby County	33.3	273.3
AL	Sumter County	32.6	271.8
AL	Talladega County	33.4	273.8
AL	Tallapoosa County	32.9	274.2
AL	Tuscaloosa County	33.2	272.5
AL	Walker County	33.8	272.7
AL	Washington County	31.4	271.8
AL	Wilcox County	32.0	272.7
AL	Winston County	34.2	272.6
AK	Aleutians East Borough	55.1	198.0
AK	Aleutians West	52.3	187.5
AK	Anchorage Municipality	61.2	210.2
AK	Bethel	60.9	198.8
AK	Bristol Bay Borough	58.7	203.2
AK	Denali Borough	63.9	210.9
AK	Dillingham	59.2	201.4
AK	Fairbanks North Star Borough	64.8	212.4
AK	Haines Borough	59.2	224.5
AK	Juneau City and Borough	58.4	225.5
AK	Kenai Peninsula Borough	60.3	209.0
AK	Ketchikan Gateway Borough	55.4	228.4
AK	Kodiak Island Borough	57.7	207.3
AK	Lake and Peninsula Borough	58.6	203.6
AK	Matanuska-Susitna Borough	61.8	210.5
AK	Nome Census Area	64.8	195.7
AK	North Slope Borough	70.6	206.1
AK	Northwest Arctic Borough	66.8	199.4
AK	Prince of Wales	55.6	227.4
AK	Sitka City and Borough	57.1	224.7
AK	Skagway-Hoonah-Angoon	58.3	224.5
AK	Southeast Fairbanks	63.6	216.1
AK	Valdez-Cordova	61.5	214.7
AK	Wade Hampton	62.1	196.3
AK	Wrangell-Petersburg	56.7	226.9
AK	Yakutat City and Borough	59.8	219.7
AK	Yukon-Koyukuk	65.1	208.1
AZ	Apache County	35.6	250.6
AZ	Cochise County	31.8	250.1
AZ	Coconino County	35.8	248.5
AZ	Gila County	33.7	249.0
AZ	Graham County	32.9	250.2
AZ	Greenlee County	33.1	250.7
AZ	La Paz County	33.9	246.0
AZ	Maricopa County	33.5	247.9
AZ	Mohave County	35.3	245.9
AZ	Navajo County	35.4	249.7
AZ	Pima County	32.2	248.9
AZ	Pinal County	33.0	248.5
AZ	Santa Cruz County	31.5	249.1
AZ	Yavapai County	34.7	247.6
AZ	Yuma County	32.7	245.6
AR	Arkansas County	34.4	268.6
AR	Ashley County	33.2	268.2
AR	Baxter County	36.3	267.6
AR	Benton County	36.4	265.8
AR	Boone County	36.3	266.9
AR	Bradley County	33.5	267.9
AR	Calhoun County	33.6	267.5
AR	Carroll County	36.4	266.4
AR	Chicot County	33.3	268.7
AR	Clark County	34.1	266.8
AR	Clay County	36.4	269.6
AR	Cleburne County	35.5	267.9
AR	Cleveland County	33.9	267.8
AR	Columbia County	33.2	266.8
AR	Conway County	35.2	267.3
AR	Craighead County	35.8	269.4
AR	Crawford County	35.5	265.7
AR	Crittenden County	35.2	269.7
AR	Cross County	35.3	269.2
AR	Dallas County	33.9	267.4
AR	Desha County	33.8	268.6
AR	Drew County	33.6	268.3
AR	Faulkner County	35.1	267.6
AR	Franklin County	35.5	266.1
AR	Fulton County	36.4	268.3
AR	Garland County	34.5	266.9
AR	Grant County	34.3	267.5
AR	Greene County	36.1	269.5
AR	Hempstead County	33.7	266.4
AR	Hot Spring County	34.3	267.1
AR	Howard County	34.1	266.0
AR	Independence County	35.8	268.4
AR	Izard County	36.1	268.1
AR	Jackson County	35.6	268.8
AR	Jefferson County	34.2	268.0
AR	Johnson County	35.5	266.5
AR	Lafayette County	33.3	266.4
AR	Lawrence County	36.1	268.9
AR	Lee County	34.8	269.2
AR	Lincoln County	34.0	268.3
AR	Little River County	33.7	265.8
AR	Logan County	35.2	266.2
AR	Lonoke County	34.8	268.1
AR	Madison County	36.0	266.3
AR	Marion County	36.3	267.3
AR	Miller County	33.4	266.0
AR	Mississippi County	35.8	270.0
AR	Monroe County	34.7	268.8
AR	Montgomery County	34.6	266.4
AR	Nevada County	33.7	266.7
AR	Newton County	36.0	266.8
AR	Ouachita County	33.6	267.1
AR	Perry County	35.0	267.1
AR	Phillips County	34.5	269.2
AR	Pike County	34.2	266.3
AR	Poinsett County	35.6	269.4
AR	Polk County	34.5	265.7
AR	Pope County	35.3	266.9
AR	Prairie County	34.8	268.5
AR	Pulaski County	34.8	267.7

State	County			State	County		
AR	Randolph County	36.3	269.0	CO	Douglas County	39.5	255.1
AR	St. Francis County	35.0	269.3	CO	Eagle County	39.6	253.3
AR	Saline County	34.6	267.4	CO	Elbert County	39.3	255.7
AR	Scott County	34.9	265.9	CO	El Paso County	38.9	255.3
AR	Searcy County	35.9	267.3	CO	Fremont County	38.4	254.7
AR	Sebastian County	35.3	265.6	CO	Garfield County	39.5	252.3
AR	Sevier County	34.0	265.7	CO	Gilpin County	39.8	254.5
AR	Sharp County	36.2	268.5	CO	Grand County	40.1	253.9
AR	Stone County	35.9	267.8	CO	Gunnison County	38.6	253.0
AR	Union County	33.2	267.4	CO	Hinsdale County	37.8	252.7
AR	Van Buren County	35.6	267.6	CO	Huerfano County	37.6	255.0
AR	Washington County	36.1	265.8	CO	Jackson County	40.6	253.7
AR	White County	35.3	268.3	CO	Jefferson County	39.7	254.9
AR	Woodruff County	35.2	268.8	CO	Kiowa County	38.4	257.4
AR	Yell County	35.0	266.6	CO	Kit Carson County	39.3	257.5
CA	Alameda County	37.7	237.9	CO	Lake County	39.2	253.7
CA	Alpine County	38.6	240.1	CO	La Plata County	37.3	252.2
CA	Amador County	38.4	239.3	CO	Larimer County	40.5	254.8
CA	Butte County	39.6	238.4	CO	Las Animas County	37.2	255.6
CA	Calaveras County	38.2	239.4	CO	Lincoln County	39.1	256.4
CA	Colusa County	39.2	237.8	CO	Logan County	40.7	256.9
CA	Contra Costa County	37.9	237.9	CO	Mesa County	39.1	251.5
CA	Del Norte County	41.7	235.9	CO	Mineral County	37.7	253.1
CA	El Dorado County	38.8	239.4	CO	Moffat County	40.6	251.9
CA	Fresno County	36.6	240.1	CO	Montezuma County	37.4	251.4
CA	Glenn County	39.6	237.7	CO	Montrose County	38.4	251.8
CA	Humboldt County	40.7	236.0	CO	Morgan County	40.3	256.2
CA	Imperial County	33.0	244.5	CO	Otero County	38.0	256.3
CA	Inyo County	36.7	242.3	CO	Ouray County	38.1	252.2
CA	Kern County	35.3	241.3	CO	Park County	39.2	254.3
CA	Kings County	36.2	240.2	CO	Phillips County	40.6	257.6
CA	Lake County	39.0	237.2	CO	Pitkin County	39.2	253.1
CA	Lassen County	40.6	239.3	CO	Prowers County	38.1	257.6
CA	Los Angeles County	34.1	241.8	CO	Pueblo County	38.2	255.4
CA	Madera County	37.0	240.0	CO	Rio Blanco County	40.0	251.7
CA	Marin County	38.0	237.4	CO	Rio Grande County	37.6	253.7
CA	Mariposa County	37.6	240.0	CO	Routt County	40.5	253.1
CA	Mendocino County	39.4	236.6	CO	Saguache County	38.1	253.8
CA	Merced County	37.2	239.3	CO	San Juan County	37.8	252.3
CA	Modoc County	41.5	239.2	CO	San Miguel County	38.0	251.6
CA	Mono County	37.9	241.0	CO	Sedgwick County	40.9	257.7
CA	Monterey County	36.5	238.5	CO	Summit County	39.6	253.9
CA	Napa County	38.4	237.7	CO	Teller County	38.9	254.8
CA	Nevada County	39.3	239.2	CO	Washington County	40.1	256.9
CA	Orange County	33.7	242.1	CO	Weld County	40.3	255.3
CA	Placer County	39.0	239.1	CO	Yuma County	40.0	257.5
CA	Plumas County	40.0	239.1	CT	Fairfield County	41.2	286.6
CA	Riverside County	33.8	243.2	CT	Hartford County	41.8	287.3
CA	Sacramento County	38.6	238.6	CT	Litchfield County	41.8	286.8
CA	San Benito County	36.7	238.7	CT	Middlesex County	41.4	287.5
CA	San Bernardino County	34.4	243.0	CT	New Haven County	41.4	287.1
CA	San Diego County	32.9	242.9	CT	New London County	41.4	287.9
CA	San Francisco County	37.8	237.6	CT	Tolland County	41.9	287.6
CA	San Joaquin County	37.9	238.7	CT	Windham County	41.8	288.0
CA	San Luis Obispo County	35.4	239.4	DE	Kent County	39.1	284.4
CA	San Mateo County	37.5	237.7	DE	New Castle County	39.7	284.4
CA	Santa Barbara County	34.6	239.9	DE	Sussex County	38.7	284.7
CA	Santa Clara County	37.3	238.1	DC	District of Columbia	38.9	283.0
CA	Santa Cruz County	37.0	238.0	FL	Alachua County	29.7	277.6
CA	Shasta County	40.7	237.9	FL	Baker County	30.3	277.8
CA	Sierra County	39.6	239.5	FL	Bay County	30.2	274.4
CA	Siskiyou County	41.6	237.5	FL	Bradford County	29.9	277.9
CA	Solano County	38.2	237.9	FL	Brevard County	28.2	279.3
CA	Sonoma County	38.4	237.2	FL	Broward County	26.1	279.8
CA	Stanislaus County	37.6	239.0	FL	Calhoun County	30.4	274.8
CA	Sutter County	39.1	238.3	FL	Charlotte County	27.0	277.9
CA	Tehama County	40.1	237.9	FL	Citrus County	28.9	277.5
CA	Trinity County	40.7	236.9	FL	Clay County	30.0	278.2
CA	Tulare County	36.2	240.8	FL	Collier County	26.2	278.3
CA	Tuolumne County	38.0	239.8	FL	Columbia County	30.2	277.4
CA	Ventura County	34.3	241.0	FL	DeSoto County	27.2	278.1
CA	Yolo County	38.6	238.2	FL	Dixie County	29.6	276.9
CA	Yuba County	39.2	238.6	FL	Duval County	30.3	278.4
CO	Adams County	39.9	255.1	FL	Escambia County	30.5	272.7
CO	Alamosa County	37.5	254.2	FL	Flagler County	29.5	278.8
CO	Arapahoe County	39.6	255.2	FL	Franklin County	29.8	275.2
CO	Archuleta County	37.2	252.9	FL	Gadsden County	30.6	275.4
CO	Baca County	37.3	257.5	FL	Gilchrist County	29.7	277.2
CO	Bent County	38.1	256.9	FL	Glades County	26.9	278.8
CO	Boulder County	40.1	254.8	FL	Gulf County	29.9	274.7
CO	Chaffee County	38.7	253.9	FL	Hamilton County	30.5	277.1
CO	Cheyenne County	38.8	257.5	FL	Hardee County	27.5	278.2
CO	Clear Creek County	39.7	254.4	FL	Hendry County	26.7	278.8
CO	Conejos County	37.2	253.9	FL	Hernando County	28.5	277.5
CO	Costilla County	37.3	254.5	FL	Highlands County	27.4	278.6
CO	Crowley County	38.2	256.2	FL	Hillsborough County	28.0	277.6
CO	Custer County	38.1	254.6	FL	Holmes County	30.9	274.2
CO	Delta County	38.8	252.1	FL	Indian River County	27.7	279.5
CO	Denver County	39.7	255.0	FL	Jackson County	30.8	274.8
CO	Dolores County	37.8	251.4	FL	Jefferson County	30.5	276.1

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

FL	Lafayette County	30.0	276.8	GA	Fayette County	33.4	275.5
FL	Lake County	28.8	278.3	GA	Floyd County	34.3	274.8
FL	Lee County	26.6	278.2	GA	Forsyth County	34.2	275.9
FL	Leon County	30.5	275.7	GA	Franklin County	34.4	276.8
FL	Levy County	29.3	277.3	GA	Fulton County	33.8	275.6
FL	Liberty County	30.3	275.1	GA	Gilmer County	34.7	275.5
FL	Madison County	30.4	276.6	GA	Glascock County	33.2	277.4
FL	Manatee County	27.5	277.5	GA	Glynn County	31.2	278.5
FL	Marion County	29.1	277.9	GA	Gordon County	34.5	275.1
FL	Martin County	27.1	279.7	GA	Grady County	30.9	275.8
FL	Miami-Dade County	25.8	279.7	GA	Greene County	33.6	276.8
FL	Monroe County	24.8	278.8	GA	Gwinnett County	34.0	275.9
FL	Nassau County	30.6	278.3	GA	Habersham County	34.6	276.5
FL	Okaloosa County	30.6	273.4	GA	Hall County	34.3	276.2
FL	Okeechobee County	27.3	279.1	GA	Hancock County	33.3	277.0
FL	Orange County	28.5	278.6	GA	Haralson County	33.8	274.8
FL	Osceola County	28.2	278.7	GA	Harris County	32.7	275.1
FL	Palm Beach County	26.6	279.8	GA	Hart County	34.4	277.0
FL	Pasco County	28.3	277.5	GA	Heard County	33.3	274.9
FL	Pinellas County	27.9	277.3	GA	Henry County	33.5	275.8
FL	Polk County	28.0	278.2	GA	Houston County	32.6	276.3
FL	Putnam County	29.6	278.2	GA	Irwin County	31.6	276.7
FL	St. Johns County	29.9	278.6	GA	Jackson County	34.1	276.4
FL	St. Lucie County	27.3	279.6	GA	Jasper County	33.3	276.3
FL	Santa Rosa County	30.6	273.0	GA	Jeff Davis County	31.8	277.4
FL	Sarasota County	27.2	277.6	GA	Jefferson County	33.1	277.6
FL	Seminole County	28.7	278.7	GA	Jenkins County	32.8	278.0
FL	Sumter County	28.8	277.9	GA	Johnson County	32.7	277.3
FL	Suwannee County	30.2	277.0	GA	Jones County	33.0	276.5
FL	Taylor County	30.1	276.4	GA	Lamar County	33.1	275.8
FL	Union County	30.0	277.6	GA	Lanier County	31.0	276.9
FL	Volusia County	29.0	278.9	GA	Laurens County	32.5	277.1
FL	Wakulla County	30.1	275.6	GA	Lee County	31.7	275.8
FL	Walton County	30.6	273.8	GA	Liberty County	31.8	278.5
FL	Washington County	30.6	274.4	GA	Lincoln County	33.8	277.5
GA	Appling County	31.7	277.7	GA	Long County	31.8	278.2
GA	Atkinson County	31.3	277.1	GA	Lowndes County	30.8	276.7
GA	Bacon County	31.6	277.5	GA	Lumpkin County	34.5	276.0
GA	Baker County	31.3	275.6	GA	McDuffie County	33.5	277.5
GA	Baldwin County	33.1	276.8	GA	McIntosh County	31.5	278.6
GA	Banks County	34.3	276.5	GA	Macon County	32.4	276.0
GA	Barrow County	34.0	276.3	GA	Madison County	34.1	276.8
GA	Bartow County	34.2	275.2	GA	Marion County	32.4	275.5
GA	Ben Hill County	31.7	276.7	GA	Meriwether County	33.0	275.3
GA	Berrien County	31.2	276.8	GA	Miller County	31.2	275.3
GA	Bibb County	32.8	276.3	GA	Mitchell County	31.2	275.8
GA	Bleckley County	32.4	276.7	GA	Monroe County	33.0	276.1
GA	Brantley County	31.2	278.0	GA	Montgomery County	32.2	277.5
GA	Brooks County	30.9	276.4	GA	Morgan County	33.6	276.5
GA	Bryan County	32.1	278.6	GA	Murray County	34.8	275.2
GA	Bulloch County	32.4	278.2	GA	Muscogee County	32.5	275.1
GA	Burke County	33.1	278.0	GA	Newton County	33.6	276.1
GA	Butts County	33.3	276.0	GA	Oconee County	33.9	276.6
GA	Calhoun County	31.5	275.3	GA	Oglethorpe County	33.9	276.9
GA	Camden County	30.9	278.3	GA	Paulding County	33.9	275.2
GA	Candler County	32.4	277.9	GA	Peach County	32.6	276.2
GA	Carroll County	33.6	274.9	GA	Pickens County	34.5	275.6
GA	Catoosa County	34.9	274.8	GA	Pierce County	31.3	277.8
GA	Charlton County	30.8	277.9	GA	Pike County	33.1	275.6
GA	Chatham County	32.0	278.9	GA	Polk County	34.0	274.8
GA	Chattahoochee County	32.3	275.2	GA	Pulaski County	32.2	276.5
GA	Chattooga County	34.5	274.6	GA	Putnam County	33.3	276.6
GA	Cherokee County	34.2	275.5	GA	Quitman County	31.9	275.0
GA	Clarke County	34.0	276.6	GA	Rabun County	34.9	276.6
GA	Clay County	31.6	275.0	GA	Randolph County	31.8	275.3
GA	Clayton County	33.6	275.6	GA	Richmond County	33.4	278.0
GA	Clinch County	30.9	277.3	GA	Rockdale County	33.7	276.0
GA	Cobb County	33.9	275.4	GA	Schley County	32.2	275.7
GA	Coffee County	31.5	277.2	GA	Screven County	32.7	278.4
GA	Colquitt County	31.2	276.2	GA	Seminole County	31.0	275.1
GA	Columbia County	33.5	277.8	GA	Spalding County	33.3	275.7
GA	Cook County	31.2	276.6	GA	Stephens County	34.6	276.7
GA	Coweta County	33.4	275.2	GA	Stewart County	32.1	275.2
GA	Crawford County	32.7	276.0	GA	Sumter County	32.1	275.8
GA	Crisp County	31.9	276.2	GA	Talbot County	32.7	275.5
GA	Dade County	34.9	274.5	GA	Taliaferro County	33.6	277.1
GA	Dawson County	34.4	275.9	GA	Tattnall County	32.0	278.0
GA	Decatur County	30.9	275.4	GA	Taylor County	32.5	275.8
GA	DeKalb County	33.8	275.7	GA	Telfair County	32.0	277.1
GA	Dodge County	32.2	276.8	GA	Terrell County	31.8	275.6
GA	Dooly County	32.2	276.2	GA	Thomas County	30.9	276.1
GA	Dougherty County	31.6	275.8	GA	Tift County	31.5	276.5
GA	Douglas County	33.7	275.3	GA	Toombs County	32.2	277.6
GA	Early County	31.3	275.1	GA	Towns County	34.9	276.2
GA	Echols County	30.7	277.1	GA	Treutlen County	32.4	277.4
GA	Effingham County	32.3	278.7	GA	Troup County	33.0	275.0
GA	Elbert County	34.1	277.1	GA	Turner County	31.7	276.4
GA	Emanuel County	32.6	277.7	GA	Twiggs County	32.7	276.6
GA	Evans County	32.2	278.1	GA	Union County	34.9	276.0
GA	Fannin County	34.9	275.7	GA	Upson County	32.9	275.7

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

State	County			State	County		
GA	Walker County	34.8	274.7	IL	Franklin County	38.0	271.0
GA	Walton County	33.8	276.3	IL	Fulton County	40.5	269.8
GA	Ware County	31.2	277.6	IL	Gallatin County	37.8	271.8
GA	Warren County	33.4	277.3	IL	Greene County	39.4	269.6
GA	Washington County	32.9	277.2	IL	Grundy County	41.3	271.6
GA	Wayne County	31.6	278.1	IL	Hamilton County	38.1	271.5
GA	Webster County	32.0	275.4	IL	Hancock County	40.4	268.8
GA	Wheeler County	32.1	277.3	IL	Hardin County	37.5	271.7
GA	White County	34.6	276.3	IL	Henderson County	40.8	269.1
GA	Whitfield County	34.8	275.0	IL	Henry County	41.4	269.9
GA	Wilcox County	32.0	276.5	IL	Iroquois County	40.7	272.2
GA	Wilkes County	33.8	277.3	IL	Jackson County	37.8	270.7
GA	Wilkinson County	32.8	276.8	IL	Jasper County	39.0	271.9
GA	Worth County	31.6	276.2	IL	Jefferson County	38.3	271.1
HI	Hawaii County	19.7	204.6	IL	Jersey County	39.1	269.7
HI	Honolulu County	21.4	202.0	IL	Jo Daviess County	42.4	269.8
HI	Kalawao County	21.2	203.0	IL	Johnson County	37.5	271.1
HI	Kauai County	22.0	200.5	IL	Kane County	41.9	271.7
HI	Maui County	20.9	203.4	IL	Kankakee County	41.1	272.2
ID	Ada County	43.6	243.7	IL	Kendall County	41.6	271.6
ID	Adams County	44.9	243.6	IL	Knox County	40.9	269.7
ID	Bannock County	42.8	247.7	IL	Lake County	42.3	272
ID	Bear Lake County	42.3	248.6	IL	La Salle County	41.3	271.1
ID	Benewah County	47.2	243.4	IL	Lawrence County	38.7	272.3
ID	Bingham County	43.2	247.6	IL	Lee County	41.8	270.6
ID	Blaine County	43.4	245.8	IL	Livingston County	40.9	271.4
ID	Boise County	44.0	244.1	IL	Logan County	40.1	270.6
ID	Bonner County	48.3	243.3	IL	McDonough County	40.5	269.3
ID	Bonneville County	43.5	248.1	IL	McHenry County	42.3	271.6
ID	Boundary County	48.8	243.6	IL	McLean County	40.5	271.1
ID	Butte County	43.7	246.8	IL	Macon County	39.9	271.0
ID	Camas County	43.4	245.2	IL	Macoupin County	39.2	270.1
ID	Canyon County	43.6	243.3	IL	Madison County	38.8	270.0
ID	Caribou County	42.7	248.3	IL	Marion County	38.6	271.0
ID	Cassia County	42.4	246.4	IL	Marshall County	41.0	270.7
ID	Clark County	44.2	247.7	IL	Mason County	40.3	270.1
ID	Clearwater County	46.7	244.1	IL	Massac County	37.2	271.3
ID	Custer County	44.2	245.9	IL	Menard County	40.0	270.2
ID	Elmore County	43.1	244.5	IL	Mercer County	41.2	269.3
ID	Franklin County	42.2	248.1	IL	Monroe County	38.3	269.8
ID	Fremont County	44.2	248.5	IL	Montgomery County	39.2	270.5
ID	Gem County	44.0	243.5	IL	Morgan County	39.7	269.8
ID	Gooding County	42.9	245.2	IL	Moultrie County	39.6	271.4
ID	Idaho County	45.9	244.1	IL	Ogle County	42.0	270.7
ID	Jefferson County	43.8	247.9	IL	Peoria County	40.8	270.3
ID	Jerome County	42.7	245.7	IL	Perry County	38.1	270.7
ID	Kootenai County	47.7	243.2	IL	Piatt County	40.0	271.4
ID	Latah County	46.8	243.2	IL	Pike County	39.6	269.1
ID	Lemhi County	44.9	246.2	IL	Pope County	37.4	271.4
ID	Lewis County	46.2	243.6	IL	Pulaski County	37.2	270.9
ID	Lincoln County	43.0	245.8	IL	Putnam County	41.2	270.7
ID	Madison County	43.8	248.3	IL	Randolph County	38.1	270.2
ID	Minidoka County	42.7	246.3	IL	Richland County	38.7	271.9
ID	Nez Perce County	46.4	243.1	IL	Rock Island County	41.5	269.5
ID	Oneida County	42.2	247.6	IL	St. Clair County	38.5	270
ID	Owyhee County	42.8	243.8	IL	Saline County	37.8	271.5
ID	Payette County	44	243.1	IL	Sangamon County	39.8	270.4
ID	Power County	42.8	247.2	IL	Schuyler County	40.1	269.4
ID	Shoshone County	47.4	244.0	IL	Scott County	39.6	269.5
ID	Teton County	43.7	248.9	IL	Shelby County	39.4	271.2
ID	Twin Falls County	42.5	245.4	IL	Stark County	41.1	270.2
ID	Valley County	44.7	244.1	IL	Stephenson County	42.3	270.4
ID	Washington County	44.4	243.1	IL	Tazewell County	40.6	270.5
IL	Adams County	40.0	268.7	IL	Union County	37.5	270.8
IL	Alexander County	37.1	270.7	IL	Vermilion County	40.2	272.3
IL	Bond County	38.9	270.6	IL	Wabash County	38.4	272.2
IL	Boone County	42.3	271.2	IL	Warren County	40.9	269.4
IL	Brown County	40.0	269.3	IL	Washington County	38.4	270.6
IL	Bureau County	41.4	270.5	IL	Wayne County	38.4	271.6
IL	Calhoun County	39.2	269.3	IL	White County	38.1	271.8
IL	Carroll County	42.1	270.0	IL	Whiteside County	41.8	270.1
IL	Cass County	40.0	269.7	IL	Will County	41.5	272.0
IL	Champaign County	40.1	271.8	IL	Williamson County	37.7	271.0
IL	Christian County	39.5	270.7	IL	Winnebago County	42.3	270.9
IL	Clark County	39.3	272.2	IL	Woodford County	40.8	270.8
IL	Clay County	38.7	271.5	IN	Adams County	40.7	275.1
IL	Clinton County	38.6	270.6	IN	Allen County	41.1	274.9
IL	Coles County	39.5	271.7	IN	Bartholomew County	39.2	274.1
IL	Cook County	41.8	272.2	IN	Benton County	40.6	272.7
IL	Crawford County	39.0	272.2	IN	Blackford County	40.5	274.7
IL	Cumberland County	39.3	271.7	IN	Boone County	40.0	273.5
IL	DeKalb County	41.9	271.3	IN	Brown County	39.2	273.8
IL	De Witt County	40.2	271.1	IN	Carroll County	40.6	273.4
IL	Douglas County	39.8	271.8	IN	Cass County	40.7	273.7
IL	DuPage County	41.9	271.9	IN	Clark County	38.4	274.3
IL	Edgar County	39.7	272.3	IN	Clay County	39.4	272.9
IL	Edwards County	38.4	272.0	IN	Clinton County	40.3	273.5
IL	Effingham County	39.1	271.4	IN	Crawford County	38.3	273.6
IL	Fayette County	39.0	271.0	IN	Daviess County	38.7	272.9
IL	Ford County	40.6	271.8	IN	Dearborn County	39.1	275.1

State	County		
IN	Decatur County	39.3	274.5
IN	DeKalb County	41.4	275.0
IN	Delaware County	40.2	274.6
IN	Dubois County	38.4	273.1
IN	Elkhart County	41.6	274.1
IN	Fayette County	39.6	274.8
IN	Floyd County	38.3	274.1
IN	Fountain County	40.1	272.7
IN	Franklin County	39.4	274.9
IN	Fulton County	41.1	273.8
IN	Gibson County	38.3	272.4
IN	Grant County	40.5	274.4
IN	Greene County	39.1	273.0
IN	Hamilton County	40.0	273.9
IN	Hancock County	39.8	274.2
IN	Harrison County	38.2	273.9
IN	Hendricks County	39.8	273.5
IN	Henry County	39.9	274.6
IN	Howard County	40.5	273.9
IN	Huntington County	40.8	274.5
IN	Jackson County	38.9	274.0
IN	Jasper County	41.0	272.9
IN	Jay County	40.4	275.0
IN	Jefferson County	38.8	274.6
IN	Jennings County	39.0	274.4
IN	Johnson County	39.5	273.9
IN	Knox County	38.7	272.6
IN	Kosciusko County	41.3	274.2
IN	LaGrange County	41.6	274.6
IN	Lake County	41.5	272.6
IN	LaPorte County	41.6	273.2
IN	Lawrence County	38.8	273.5
IN	Madison County	40.1	274.3
IN	Marion County	39.8	273.9
IN	Marshall County	41.3	273.7
IN	Martin County	38.7	273.2
IN	Miami County	40.8	273.9
IN	Monroe County	39.2	273.5
IN	Montgomery County	40.0	273.1
IN	Morgan County	39.5	273.6
IN	Newton County	41.0	272.6
IN	Noble County	41.4	274.6
IN	Ohio County	38.9	275.1
IN	Orange County	38.6	273.5
IN	Owen County	39.3	273.2
IN	Parke County	39.8	272.8
IN	Perry County	38.0	273.3
IN	Pike County	38.4	272.8
IN	Porter County	41.5	272.9
IN	Posey County	38.0	272.2
IN	Pulaski County	41.0	273.3
IN	Putnam County	39.7	273.2
IN	Randolph County	40.2	275
IN	Ripley County	39.2	274.8
IN	Rush County	39.6	274.5
IN	St. Joseph County	41.7	273.8
IN	Scott County	38.7	274.2
IN	Shelby County	39.5	274.2
IN	Spencer County	38.0	273.0
IN	Starke County	41.3	273.3
IN	Steuben County	41.7	275.0
IN	Sullivan County	39.1	272.6
IN	Switzerland County	38.8	275.0
IN	Tippecanoe County	40.4	273.1
IN	Tipton County	40.3	274.0
IN	Union County	39.6	275.1
IN	Vanderburgh County	38.0	272.4
IN	Vermillion County	39.8	272.6
IN	Vigo County	39.5	272.6
IN	Wabash County	40.9	274.2
IN	Warren County	40.3	272.6
IN	Warrick County	38.0	272.7
IN	Washington County	38.6	273.9
IN	Wayne County	39.8	275.0
IN	Wells County	40.7	274.8
IN	White County	40.7	273.2
IN	Whitley County	41.2	274.5
IA	Adair County	41.3	265.5
IA	Adams County	41.0	265.3
IA	Allamakee County	43.3	268.6
IA	Appanoose County	40.8	267.1
IA	Audubon County	41.7	265.1
IA	Benton County	42.1	267.9
IA	Black Hawk County	42.5	267.7
IA	Boone County	42.0	266.1
IA	Bremer County	42.8	267.7
IA	Buchanan County	42.5	268.1
IA	Buena Vista County	42.7	264.8
IA	Butler County	42.7	267.2
IA	Calhoun County	42.4	265.4
IA	Carroll County	42.0	265.1
IA	Cass County	41.4	265.0
IA	Cedar County	41.8	268.9
IA	Cerro Gordo County	43.1	266.7
IA	Cherokee County	42.7	264.4
IA	Chickasaw County	43.1	267.7
IA	Clarke County	41.0	266.2
IA	Clay County	43.1	264.8
IA	Clayton County	42.9	268.7
IA	Clinton County	41.9	269.6
IA	Crawford County	42.0	264.6
IA	Dallas County	41.7	266.0
IA	Davis County	40.7	267.6
IA	Decatur County	40.7	266.2
IA	Delaware County	42.5	268.6
IA	Des Moines County	40.9	268.8
IA	Dickinson County	43.4	264.9
IA	Dubuque County	42.5	269.2
IA	Emmet County	43.4	265.3
IA	Fayette County	42.8	268.1
IA	Floyd County	43.1	267.2
IA	Franklin County	42.7	266.8
IA	Fremont County	40.7	264.4
IA	Greene County	42.0	265.6
IA	Grundy County	42.4	267.2
IA	Guthrie County	41.7	265.5
IA	Hamilton County	42.4	266.3
IA	Hancock County	43.1	266.3
IA	Hardin County	42.4	266.8
IA	Harrison County	41.7	264.2
IA	Henry County	41.0	268.5
IA	Howard County	43.4	267.7
IA	Humboldt County	42.8	265.8
IA	Ida County	42.4	264.5
IA	Iowa County	41.7	267.9
IA	Jackson County	42.2	269.4
IA	Jasper County	41.7	266.9
IA	Jefferson County	41.0	268.0
IA	Johnson County	41.7	268.4
IA	Jones County	42.1	268.8
IA	Keokuk County	41.3	267.8
IA	Kossuth County	43.2	265.8
IA	Lee County	40.6	268.6
IA	Linn County	42.0	268.4
IA	Louisa County	41.2	268.7
IA	Lucas County	41.0	266.7
IA	Lyon County	43.4	263.8
IA	Madison County	41.3	266.0
IA	Mahaska County	41.3	267.4
IA	Marion County	41.3	266.9
IA	Marshall County	42.0	267.0
IA	Mills County	41.0	264.4
IA	Mitchell County	43.3	267.2
IA	Monona County	42.1	264.0
IA	Monroe County	41.0	267.2
IA	Montgomery County	41.0	264.8
IA	Muscatine County	41.5	268.9
IA	O'Brien County	43.1	264.4
IA	Osceola County	43.4	264.4
IA	Page County	40.7	264.8
IA	Palo Alto County	43.1	265.3
IA	Plymouth County	42.8	263.8
IA	Pocahontas County	42.7	265.3
IA	Polk County	41.6	266.4
IA	Pottawattamie County	41.3	264.3
IA	Poweshiek County	41.7	267.5
IA	Ringgold County	40.7	265.8
IA	Sac County	42.4	264.9
IA	Scott County	41.6	269.4
IA	Shelby County	41.7	264.7
IA	Sioux County	43.1	263.8
IA	Story County	42.0	266.5
IA	Tama County	42.1	267.5
IA	Taylor County	40.7	265.3
IA	Union County	41.0	265.7
IA	Van Buren County	40.7	268.1
IA	Wapello County	41.0	267.6
IA	Warren County	41.4	266.4
IA	Washington County	41.3	268.3
IA	Wayne County	40.7	266.7
IA	Webster County	42.4	265.8
IA	Winnebago County	43.4	266.3
IA	Winneshiek County	43.3	268.2
IA	Woodbury County	42.4	263.8
IA	Worth County	43.4	266.7
IA	Wright County	42.7	266.2
KS	Allen County	37.9	264.7
KS	Anderson County	38.2	264.7
KS	Atchison County	39.5	264.7
KS	Barber County	37.2	261.4

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

KS	Barton County	38.4	261.2	KS	Stevens County	37.2	258.7
KS	Bourbon County	37.9	265.2	KS	Sumner County	37.3	262.6
KS	Brown County	39.8	264.4	KS	Thomas County	39.4	259.0
KS	Butler County	37.8	263.1	KS	Trego County	38.9	260.2
KS	Chase County	38.3	263.4	KS	Wabaunsee County	39.0	263.8
KS	Chautauqua County	37.1	263.7	KS	Wallace County	38.9	258.2
KS	Cherokee County	37.1	265.2	KS	Washington County	39.8	262.9
KS	Cheyenne County	39.8	258.3	KS	Wichita County	38.5	258.6
KS	Clark County	37.2	260.2	KS	Wilson County	37.5	264.2
KS	Clay County	39.4	262.9	KS	Woodson County	37.9	264.3
KS	Cloud County	39.5	262.3	KS	Wyandotte County	39.1	265.3
KS	Coffey County	38.2	264.3	KY	Adair County	37.1	274.7
KS	Comanche County	37.3	260.7	KY	Allen County	36.7	273.8
KS	Cowley County	37.2	263.1	KY	Anderson County	38.0	275.0
KS	Crawford County	37.5	265.2	KY	Ballard County	37.1	271.0
KS	Decatur County	39.8	259.6	KY	Barren County	37.0	274.1
KS	Dickinson County	38.8	262.9	KY	Bath County	38.1	276.2
KS	Doniphan County	39.8	264.9	KY	Bell County	36.7	276.3
KS	Douglas County	38.9	264.7	KY	Boone County	39.0	275.3
KS	Edwards County	37.9	260.7	KY	Bourbon County	38.2	275.8
KS	Elk County	37.4	263.8	KY	Boyd County	38.4	277.3
KS	Ellis County	38.9	260.7	KY	Boyle County	37.6	275.2
KS	Ellsworth County	38.7	261.8	KY	Bracken County	38.7	275.9
KS	Finney County	38.0	259.2	KY	Breathitt County	37.5	276.7
KS	Ford County	37.7	260.1	KY	Breckinridge County	37.8	273.5
KS	Franklin County	38.6	264.7	KY	Bullitt County	38.0	274.3
KS	Geary County	39.0	263.2	KY	Butler County	37.2	273.3
KS	Gove County	39.0	259.5	KY	Caldwell County	37.2	272.1
KS	Graham County	39.3	260.1	KY	Calloway County	36.6	271.7
KS	Grant County	37.6	258.7	KY	Campbell County	39.0	275.6
KS	Gray County	37.7	259.6	KY	Carlisle County	36.9	271.0
KS	Greeley County	38.5	258.2	KY	Carroll County	38.7	274.9
KS	Greenwood County	37.9	263.8	KY	Carter County	38.3	277.0
KS	Hamilton County	38.0	258.2	KY	Casey County	37.3	275.1
KS	Harper County	37.2	261.9	KY	Christian County	36.9	272.5
KS	Harvey County	38.0	262.6	KY	Clark County	38.0	275.8
KS	Haskell County	37.5	259.1	KY	Clay County	37.2	276.3
KS	Hodgeman County	38.1	260.1	KY	Clinton County	36.7	274.9
KS	Jackson County	39.4	264.2	KY	Crittenden County	37.3	271.9
KS	Jefferson County	39.2	264.6	KY	Cumberland County	36.8	274.6
KS	Jewell County	39.8	261.8	KY	Daviess County	37.8	272.9
KS	Johnson County	38.9	265.2	KY	Edmonson County	37.2	273.8
KS	Kearny County	38.0	258.7	KY	Elliott County	38.1	276.9
KS	Kingman County	37.6	261.9	KY	Estill County	37.7	276.0
KS	Kiowa County	37.6	260.7	KY	Fayette County	38.0	275.5
KS	Labette County	37.2	264.7	KY	Fleming County	38.4	276.3
KS	Lane County	38.5	259.5	KY	Floyd County	37.6	277.3
KS	Leavenworth County	39.2	265.0	KY	Franklin County	38.2	275.1
KS	Lincoln County	39.0	261.8	KY	Fulton County	36.5	270.9
KS	Linn County	38.2	265.2	KY	Gallatin County	38.7	275.1
KS	Logan County	39.0	258.9	KY	Garrard County	37.6	275.4
KS	Lyon County	38.4	263.9	KY	Grant County	38.7	275.4
KS	McPherson County	38.4	262.4	KY	Graves County	36.7	271.4
KS	Marion County	38.3	262.9	KY	Grayson County	37.5	273.7
KS	Marshall County	39.8	263.5	KY	Green County	37.3	274.5
KS	Meade County	37.3	259.6	KY	Greenup County	38.6	277.1
KS	Miami County	38.6	265.1	KY	Hancock County	37.9	273.2
KS	Mitchell County	39.4	261.8	KY	Hardin County	37.7	274.1
KS	Montgomery County	37.1	264.3	KY	Harlan County	36.9	276.8
KS	Morris County	38.7	263.4	KY	Harrison County	38.4	275.7
KS	Morton County	37.1	258.2	KY	Hart County	37.3	274.1
KS	Nemaha County	39.8	264.0	KY	Henderson County	37.8	272.4
KS	Neosho County	37.6	264.6	KY	Henry County	38.4	274.8
KS	Ness County	38.5	260.1	KY	Hickman County	36.7	271.0
KS	Norton County	39.8	260.1	KY	Hopkins County	37.3	272.5
KS	Osage County	38.6	264.3	KY	Jackson County	37.4	276.0
KS	Osborne County	39.4	261.2	KY	Jefferson County	38.2	274.3
KS	Ottawa County	39.1	262.3	KY	Jessamine County	37.9	275.4
KS	Pawnee County	38.2	260.8	KY	Johnson County	37.8	277.2
KS	Phillips County	39.8	260.7	KY	Kenton County	39.0	275.5
KS	Pottawatomie County	39.3	263.7	KY	Knott County	37.3	277.0
KS	Pratt County	37.6	261.3	KY	Knox County	36.9	276.1
KS	Rawlins County	39.8	258.9	KY	Larue County	37.5	274.3
KS	Reno County	38.0	262.0	KY	Laurel County	37.1	275.9
KS	Republic County	39.8	262.4	KY	Lawrence County	38.1	277.3
KS	Rice County	38.3	261.8	KY	Lee County	37.6	276.3
KS	Riley County	39.3	263.3	KY	Leslie County	37.1	276.6
KS	Rooks County	39.4	260.7	KY	Letcher County	37.1	277.2
KS	Rush County	38.5	260.7	KY	Lewis County	38.5	276.7
KS	Russell County	38.9	261.2	KY	Lincoln County	37.5	275.3
KS	Saline County	38.8	262.4	KY	Livingston County	37.2	271.7
KS	Scott County	38.5	259.1	KY	Logan County	36.9	273.1
KS	Sedgwick County	37.7	262.6	KY	Lyon County	37.0	271.9
KS	Seward County	37.1	259.1	KY	McCracken County	37.1	271.3
KS	Shawnee County	39.0	264.3	KY	McCreary County	36.7	275.5
KS	Sheridan County	39.4	259.5	KY	McLean County	37.5	272.8
KS	Sherman County	39.3	258.3	KY	Madison County	37.7	275.7
KS	Smith County	39.8	261.2	KY	Magoffin County	37.7	276.9
KS	Stafford County	38.0	261.3	KY	Marion County	37.6	274.7
KS	Stanton County	37.6	258.3	KY	Marshall County	36.9	271.7

State	County		
KY	Martin County	37.8	277.5
KY	Mason County	38.6	276.2
KY	Meade County	37.9	273.9
KY	Menifee County	38.0	276.4
KY	Mercer County	37.8	275.2
KY	Metcalfe County	37.0	274.4
KY	Monroe County	36.7	274.3
KY	Montgomery County	38.0	276.1
KY	Morgan County	37.9	276.7
KY	Muhlenberg County	37.2	272.9
KY	Nelson County	37.8	274.5
KY	Nicholas County	38.3	276.0
KY	Ohio County	37.5	273.1
KY	Oldham County	38.4	274.6
KY	Owen County	38.5	275.2
KY	Owsley County	37.4	276.3
KY	Pendleton County	38.7	275.6
KY	Perry County	37.2	276.8
KY	Pike County	37.4	277.6
KY	Powell County	37.8	276.1
KY	Pulaski County	37.1	275.4
KY	Robertson County	38.5	275.9
KY	Rockcastle County	37.4	275.7
KY	Rowan County	38.2	276.6
KY	Russell County	37.0	274.9
KY	Scott County	38.2	275.4
KY	Shelby County	38.2	274.8
KY	Simpson County	36.7	273.4
KY	Spencer County	38.0	274.7
KY	Taylor County	37.4	274.7
KY	Todd County	36.8	272.8
KY	Trigg County	36.8	272.1
KY	Trimble County	38.6	274.6
KY	Union County	37.6	272.1
KY	Warren County	37.0	273.6
KY	Washington County	37.7	274.8
KY	Wayne County	36.8	275.2
KY	Webster County	37.5	272.3
KY	Whitley County	36.8	275.9
KY	Wolfe County	37.7	276.5
KY	Woodford County	38.1	275.3
LA	Acadia Parish	30.3	267.6
LA	Allen Parish	30.7	267.2
LA	Ascension Parish	30.2	269.1
LA	Assumption Parish	29.9	268.9
LA	Avoyelles Parish	31.1	267.9
LA	Beauregard Parish	30.7	266.7
LA	Bienville Parish	32.4	267.0
LA	Bossier Parish	32.6	266.3
LA	Caddo Parish	32.5	266.2
LA	Calcasieu Parish	30.2	266.7
LA	Caldwell Parish	32.1	267.9
LA	Cameron Parish	29.9	266.8
LA	Catahoula Parish	31.7	268.1
LA	Claiborne Parish	32.8	267.0
LA	Concordia Parish	31.6	268.5
LA	De Soto Parish	32.1	266.2
LA	East Baton Rouge Parish	30.5	268.9
LA	East Carroll Parish	32.8	268.8
LA	East Feliciana Parish	30.8	268.9
LA	Evangeline Parish	30.7	267.6
LA	Franklin Parish	32.1	268.3
LA	Grant Parish	31.6	267.4
LA	Iberia Parish	30.0	268.2
LA	Iberville Parish	30.3	268.7
LA	Jackson Parish	32.3	267.4
LA	Jefferson Parish	29.9	269.8
LA	Jefferson Davis Parish	30.2	267.2
LA	Lafayette Parish	30.2	268.0
LA	Lafourche Parish	29.6	269.4
LA	La Salle Parish	31.7	267.8
LA	Lincoln Parish	32.6	267.3
LA	Livingston Parish	30.5	269.2
LA	Madison Parish	32.4	268.8
LA	Morehouse Parish	32.8	268.1
LA	Natchitoches Parish	31.7	266.9
LA	Orleans Parish	30.0	269.9
LA	Ouachita Parish	32.5	267.9
LA	Plaquemines Parish	29.6	270.2
LA	Pointe Coupee Parish	30.6	268.5
LA	Rapides Parish	31.3	267.5
LA	Red River Parish	32.1	266.7
LA	Richland Parish	32.4	268.3
LA	Sabine Parish	31.6	266.4
LA	St. Bernard Parish	29.9	270.1
LA	St. Charles Parish	29.9	269.6
LA	St. Helena Parish	30.8	269.3
LA	St. James Parish	30.0	269.2
LA	St. John the Baptist Parish	30.1	269.5
LA	St. Landry Parish	30.5	267.9
LA	St. Martin Parish	30.2	268.2
LA	St. Mary Parish	29.7	268.6
LA	St. Tammany Parish	30.4	270.1
LA	Tangipahoa Parish	30.6	269.5
LA	Tensas Parish	32.0	268.7
LA	Terrebonne Parish	29.5	269.3
LA	Union Parish	32.8	267.6
LA	Vermilion Parish	30.0	267.8
LA	Vernon Parish	31.1	266.8
LA	Washington Parish	30.8	270.0
LA	Webster Parish	32.7	266.7
LA	West Baton Rouge Parish	30.5	268.7
LA	West Carroll Parish	32.8	268.6
LA	West Feliciana Parish	30.9	268.6
LA	Winn Parish	31.9	267.4
ME	Androscoggin County	44.1	289.8
ME	Aroostook County	46.6	291.7
ME	Cumberland County	43.8	289.7
ME	Franklin County	44.9	289.6
ME	Hancock County	44.5	291.6
ME	Kennebec County	44.4	290.2
ME	Knox County	44.1	290.9
ME	Lincoln County	44.0	290.5
ME	Oxford County	44.3	289.3
ME	Penobscot County	45.2	291.3
ME	Piscataquis County	45.6	290.7
ME	Sagadahoc County	43.9	290.1
ME	Somerset County	45.1	290.1
ME	Waldo County	44.5	290.9
ME	Washington County	44.9	292.4
ME	York County	43.4	289.3
MD	Allegany County	39.6	281.2
MD	Anne Arundel County	39.1	283.4
MD	Baltimore County	39.4	283.4
MD	Calvert County	38.5	283.5
MD	Caroline County	38.9	284.2
MD	Carroll County	39.6	283.0
MD	Cecil County	39.6	284.0
MD	Charles County	38.5	283.0
MD	Dorchester County	38.5	284.0
MD	Frederick County	39.5	282.6
MD	Garrett County	39.5	280.7
MD	Harford County	39.5	283.7
MD	Howard County	39.2	283.1
MD	Kent County	39.3	283.9
MD	Montgomery County	39.1	282.9
MD	Prince George's County	38.9	283.1
MD	Queen Anne's County	39.0	283.9
MD	St. Mary's County	38.3	283.4
MD	Somerset County	38.1	284.2
MD	Talbot County	38.8	283.9
MD	Washington County	39.6	282.2
MD	Wicomico County	38.4	284.4
MD	Worcester County	38.3	284.7
MD	Baltimore city	39.3	283.4
MA	Barnstable County	41.7	289.7
MA	Berkshire County	42.4	286.8
MA	Bristol County	41.8	288.9
MA	Dukes County	41.4	289.4
MA	Essex County	42.6	289.0
MA	Franklin County	42.6	287.4
MA	Hampden County	42.1	287.4
MA	Hampshire County	42.3	287.4
MA	Middlesex County	42.5	288.7
MA	Nantucket County	41.3	289.9
MA	Norfolk County	42.2	288.8
MA	Plymouth County	42.0	289.2
MA	Suffolk County	42.3	288.9
MA	Worcester County	42.3	288.2
MI	Alcona County	44.7	276.4
MI	Alger County	46.4	273.4
MI	Allegan County	42.6	274.1
MI	Alpena County	45.0	276.5
MI	Antrim County	45.0	274.8
MI	Arenac County	44.1	276.1
MI	Baraga County	46.7	271.6
MI	Barry County	42.6	274.7
MI	Bay County	43.6	276.1
MI	Benzie County	44.6	274.0
MI	Berrien County	42.0	273.6
MI	Branch County	41.9	274.9
MI	Calhoun County	42.3	274.9
MI	Cass County	41.9	274.0
MI	Charlevoix County	45.2	274.9
MI	Cheboygan County	45.5	275.5
MI	Chippewa County	46.3	275.5
MI	Clare County	44.0	275.1
MI	Clinton County	42.9	275.4
MI	Crawford County	44.7	275.4
MI	Delta County	45.9	273.1

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

State	County			State	County		
MI	Dickinson County	45.9	272	MN	Hubbard County	47.1	265.1
MI	Eaton County	42.6	275.2	MN	Isanti County	45.6	266.7
MI	Emmet County	45.5	275.1	MN	Itasca County	47.4	266.4
MI	Genesee County	43.0	276.3	MN	Jackson County	43.7	264.9
MI	Gladwin County	44.0	275.6	MN	Kanabec County	45.9	266.7
MI	Gogebic County	46.4	270.2	MN	Kandiyohi County	45.2	265.0
MI	Grand Traverse County	44.7	274.4	MN	Kittson County	48.8	263.1
MI	Gratiot County	43.3	275.4	MN	Koochiching County	48.4	266.3
MI	Hillsdale County	41.9	275.4	MN	Lac qui Parle County	45.0	263.8
MI	Houghton County	47.0	271.4	MN	Lake County	47.5	268.5
MI	Huron County	43.8	276.9	MN	Lake of the Woods County	48.7	265.2
MI	Ingham County	42.7	275.5	MN	Le Sueur County	44.4	266.3
MI	Ionia County	43.0	274.9	MN	Lincoln County	44.4	263.7
MI	Iosco County	44.4	276.4	MN	Lyon County	44.4	264.2
MI	Iron County	46.2	271.4	MN	McLeod County	44.8	265.7
MI	Isabella County	43.6	275.2	MN	Mahnomen County	47.3	264.2
MI	Jackson County	42.2	275.6	MN	Marshall County	48.3	263.5
MI	Kalamazoo County	42.3	274.4	MN	Martin County	43.7	265.5
MI	Kalkaska County	44.7	274.9	MN	Meeker County	45.1	265.5
MI	Kent County	43.0	274.4	MN	Mille Lacs County	45.9	266.4
MI	Keweenaw County	47.4	271.8	MN	Morrison County	46.0	265.7
MI	Lake County	44.0	274.2	MN	Mower County	43.7	267.2
MI	Lapeer County	43.1	276.8	MN	Murray County	44.0	264.3
MI	Leelanau County	44.9	274.2	MN	Nicollet County	44.3	265.9
MI	Lenawee County	41.9	275.9	MN	Nobles County	43.7	264.3
MI	Livingston County	42.6	276.1	MN	Norman County	47.3	263.5
MI	Luce County	46.5	274.4	MN	Olmsted County	44.0	267.6
MI	Mackinac County	46.0	275.0	MN	Otter Tail County	46.4	264.3
MI	Macomb County	42.6	277.0	MN	Pennington County	48.1	263.9
MI	Manistee County	44.3	273.9	MN	Pine County	46.1	267.2
MI	Marquette County	46.5	272.4	MN	Pipestone County	44.0	263.7
MI	Mason County	44.0	273.7	MN	Polk County	47.8	263.6
MI	Mecosta County	43.6	274.6	MN	Pope County	45.6	264.6
MI	Menominee County	45.5	272.4	MN	Ramsey County	45.0	266.9
MI	Midland County	43.6	275.7	MN	Red Lake County	47.9	263.9
MI	Missaukee County	44.3	274.9	MN	Redwood County	44.4	264.8
MI	Monroe County	41.9	276.5	MN	Renville County	44.7	265.1
MI	Montcalm County	43.3	274.8	MN	Rice County	44.3	266.7
MI	Montmorency County	45.0	275.9	MN	Rock County	43.7	263.8
MI	Muskegon County	43.3	273.8	MN	Roseau County	48.8	264.2
MI	Newaygo County	43.5	274.2	MN	St. Louis County	47.4	267.6
MI	Oakland County	42.6	276.7	MN	Scott County	44.7	266.5
MI	Oceana County	43.6	273.7	MN	Sherburne County	45.4	266.2
MI	Ogemaw County	44.3	275.9	MN	Sibley County	44.6	265.8
MI	Ontonagon County	46.7	270.7	MN	Stearns County	45.5	265.5
MI	Osceola County	44.0	274.7	MN	Steele County	44.0	266.8
MI	Oscoda County	44.7	275.8	MN	Stevens County	45.6	264.0
MI	Otsego County	45.0	275.4	MN	Swift County	45.3	264.3
MI	Ottawa County	42.9	274.0	MN	Todd County	46.1	265.1
MI	Presque Isle County	45.4	276.1	MN	Traverse County	45.8	263.5
MI	Roscommon County	44.4	275.3	MN	Wabasha County	44.3	267.8
MI	Saginaw County	43.4	276.0	MN	Wadena County	46.5	265.0
MI	St. Clair County	42.9	277.4	MN	Waseca County	44.0	266.4
MI	St. Joseph County	41.9	274.5	MN	Washington County	45.0	267.1
MI	Sanilac County	43.4	277.2	MN	Watonwan County	44.0	265.4
MI	Schoolcraft County	46.1	273.8	MN	Wilkin County	46.3	263.5
MI	Shiawassee County	42.9	275.9	MN	Winona County	44.0	268.3
MI	Tuscola County	43.5	276.6	MN	Wright County	45.2	266.1
MI	Van Buren County	42.3	274.0	MN	Yellow Medicine County	44.7	264.2
MI	Washtenaw County	42.3	276.2	MS	Adams County	31.5	268.6
MI	Wayne County	42.3	276.8	MS	Alcorn County	34.9	271.5
MI	Wexford County	44.3	274.4	MS	Amite County	31.2	269.2
MN	Aitkin County	46.6	266.5	MS	Attala County	33.1	270.4
MN	Anoka County	45.2	266.7	MS	Benton County	34.8	270.8
MN	Becker County	46.9	264.3	MS	Bolivar County	33.8	269.2
MN	Beltrami County	47.7	265.2	MS	Calhoun County	33.9	270.7
MN	Benton County	45.7	265.9	MS	Carroll County	33.5	270.1
MN	Big Stone County	45.4	263.6	MS	Chickasaw County	33.9	271.1
MN	Blue Earth County	44.1	266.0	MS	Choctaw County	33.3	270.7
MN	Brown County	44.3	265.3	MS	Claiborne County	32.0	269.1
MN	Carlton County	46.6	267.4	MS	Clarke County	32.1	271.3
MN	Carver County	44.8	266.3	MS	Clay County	33.6	271.3
MN	Cass County	46.9	265.6	MS	Coahoma County	34.2	269.4
MN	Chippewa County	45.0	264.4	MS	Copiah County	31.9	269.6
MN	Chisago County	45.5	267.1	MS	Covington County	31.6	270.5
MN	Clay County	46.9	263.4	MS	DeSoto County	34.9	270.0
MN	Clearwater County	47.5	264.6	MS	Forrest County	31.3	270.7
MN	Cook County	47.9	269.5	MS	Franklin County	31.5	269.1
MN	Cottonwood County	44.0	264.8	MS	George County	30.9	271.4
MN	Crow Wing County	46.5	265.9	MS	Greene County	31.2	271.4
MN	Dakota County	44.8	266.9	MS	Grenada County	33.8	270.2
MN	Dodge County	44.0	267.2	MS	Hancock County	30.4	270.5
MN	Douglas County	45.9	264.6	MS	Harrison County	30.4	270.9
MN	Faribault County	43.7	266.0	MS	Hinds County	32.3	269.7
MN	Fillmore County	43.7	267.9	MS	Holmes County	33.1	269.9
MN	Freeborn County	43.7	266.6	MS	Humphreys County	33.1	269.5
MN	Goodhue County	44.4	267.3	MS	Issaquena County	32.8	269.0
MN	Grant County	45.9	264.0	MS	Itawamba County	34.3	271.6
MN	Hennepin County	45.0	266.6	MS	Jackson County	30.5	271.4
MN	Houston County	43.7	268.5	MS	Jasper County	32.0	270.9

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MS	Jefferson County	31.7	269.0		MO	Grundy County	40.1	266.4
MS	Jefferson Davis County	31.6	270.2		MO	Harrison County	40.3	266.0
MS	Jones County	31.7	270.8		MO	Henry County	38.4	266.2
MS	Kemper County	32.8	271.3		MO	Hickory County	37.9	266.7
MS	Lafayette County	34.4	270.5		MO	Holt County	40.1	264.8
MS	Lamar County	31.2	270.5		MO	Howard County	39.1	267.3
MS	Lauderdale County	32.4	271.3		MO	Howell County	36.8	268.1
MS	Lawrence County	31.6	269.9		MO	Iron County	37.5	269.3
MS	Leake County	32.7	270.5		MO	Jackson County	39.0	265.5
MS	Lee County	34.3	271.3		MO	Jasper County	37.1	265.6
MS	Leflore County	33.6	269.7		MO	Jefferson County	38.3	269.5
MS	Lincoln County	31.5	269.6		MO	Johnson County	38.7	266.2
MS	Lowndes County	33.5	271.6		MO	Knox County	40.1	267.9
MS	Madison County	32.6	269.9		MO	Laclede County	37.7	267.4
MS	Marion County	31.2	270.2		MO	Lafayette County	39.1	266.2
MS	Marshall County	34.8	270.5		MO	Lawrence County	37.1	266.2
MS	Monroe County	33.9	271.5		MO	Lewis County	40.1	268.3
MS	Montgomery County	33.5	270.3		MO	Lincoln County	39.0	269.1
MS	Neshoba County	32.7	270.9		MO	Linn County	39.8	266.9
MS	Newton County	32.4	270.9		MO	Livingston County	39.8	266.4
MS	Noxubee County	33.1	271.4		MO	McDonald County	36.6	265.6
MS	Oktibbeha County	33.4	271.1		MO	Macon County	39.8	267.4
MS	Panola County	34.4	270.0		MO	Madison County	37.5	269.7
MS	Pearl River County	30.7	270.4		MO	Maries County	38.1	268.1
MS	Perry County	31.2	271.0		MO	Marion County	39.8	268.5
MS	Pike County	31.2	269.6		MO	Mercer County	40.4	266.4
MS	Pontotoc County	34.2	271.0		MO	Miller County	38.2	267.5
MS	Prentiss County	34.6	271.5		MO	Mississippi County	36.8	270.7
MS	Quitman County	34.3	269.7		MO	Moniteau County	38.6	267.4
MS	Rankin County	32.3	270.0		MO	Monroe County	39.5	268.0
MS	Scott County	32.4	270.5		MO	Montgomery County	38.9	268.5
MS	Sharkey County	32.9	269.2		MO	Morgan County	38.4	267.2
MS	Simpson County	31.9	270.1		MO	New Madrid County	36.6	270.3
MS	Smith County	32.0	270.5		MO	Newton County	36.9	265.6
MS	Stone County	30.8	270.9		MO	Nodaway County	40.4	265.1
MS	Sunflower County	33.6	269.4		MO	Oregon County	36.6	268.6
MS	Tallahatchie County	33.9	269.8		MO	Osage County	38.5	268.1
MS	Tate County	34.6	270.0		MO	Ozark County	36.6	267.5
MS	Tippah County	34.8	271.1		MO	Pemiscot County	36.2	270.2
MS	Tishomingo County	34.7	271.8		MO	Perry County	37.7	270.2
MS	Tunica County	34.7	269.6		MO	Pettis County	38.7	266.7
MS	Union County	34.5	271.0		MO	Phelps County	37.9	268.2
MS	Walthall County	31.1	269.9		MO	Pike County	39.4	268.9
MS	Warren County	32.3	269.1		MO	Platte County	39.3	265.3
MS	Washington County	33.4	269.0		MO	Polk County	37.6	266.6
MS	Wayne County	31.6	271.3		MO	Pulaski County	37.8	267.8
MS	Webster County	33.6	270.8		MO	Putnam County	40.5	267.0
MS	Wilkinson County	31.2	268.7		MO	Ralls County	39.5	268.5
MS	Winston County	33.1	270.9		MO	Randolph County	39.4	267.5
MS	Yalobusha County	34.1	270.3		MO	Ray County	39.3	266.0
MS	Yazoo County	32.8	269.6		MO	Reynolds County	37.4	269.0
MO	Adair County	40.2	267.4		MO	Ripley County	36.6	269.2
MO	Andrew County	40.0	265.2		MO	St. Charles County	38.8	269.3
MO	Atchison County	40.4	264.6		MO	St. Clair County	38.1	266.2
MO	Audrain County	39.2	268.2		MO	Ste. Genevieve County	37.9	269.8
MO	Barry County	36.7	266.2		MO	St. Francois County	37.8	269.5
MO	Barton County	37.5	265.7		MO	St. Louis County	38.7	269.6
MO	Bates County	38.2	265.6		MO	Saline County	39.1	266.8
MO	Benton County	38.3	266.7		MO	Schuyler County	40.5	267.5
MO	Bollinger County	37.3	270.0		MO	Scotland County	40.4	267.9
MO	Boone County	39.0	267.7		MO	Scott County	37.0	270.4
MO	Buchanan County	39.7	265.2		MO	Shannon County	37.1	268.6
MO	Butler County	36.7	269.6		MO	Shelby County	39.8	267.9
MO	Caldwell County	39.7	266.0		MO	Stoddard County	36.8	270.0
MO	Callaway County	38.8	268.1		MO	Stone County	36.7	266.5
MO	Camden County	38.1	267.2		MO	Sullivan County	40.2	266.9
MO	Cape Girardeau County	37.4	270.4		MO	Taney County	36.7	266.8
MO	Carroll County	39.4	266.5		MO	Texas County	37.3	268.0
MO	Carter County	36.9	269.1		MO	Vernon County	37.8	265.7
MO	Cass County	38.7	265.6		MO	Warren County	38.8	268.9
MO	Cedar County	37.7	266.1		MO	Washington County	38.0	269.2
MO	Chariton County	39.5	267.0		MO	Wayne County	37.1	269.5
MO	Christian County	37.0	266.8		MO	Webster County	37.3	267.1
MO	Clark County	40.4	268.3		MO	Worth County	40.5	265.6
MO	Clay County	39.3	265.5		MO	Wright County	37.2	267.5
MO	Clinton County	39.6	265.6		MO	St. Louis city	38.6	269.8
MO	Cole County	38.5	267.8		MT	Beaverhead County	45.2	247.1
MO	Cooper County	38.9	267.2		MT	Big Horn County	45.5	252.5
MO	Crawford County	38.0	268.7		MT	Blaine County	48.5	251.0
MO	Dade County	37.4	266.2		MT	Broadwater County	46.3	248.5
MO	Dallas County	37.7	267.0		MT	Carbon County	45.3	250.9
MO	Daviess County	40.0	266.0		MT	Carter County	45.6	255.5
MO	DeKalb County	39.9	265.6		MT	Cascade County	47.4	248.7
MO	Dent County	37.6	268.5		MT	Chouteau County	47.9	249.6
MO	Douglas County	36.9	267.5		MT	Custer County	46.3	254.2
MO	Dunklin County	36.3	269.9		MT	Daniels County	48.8	254.6
MO	Franklin County	38.4	269.0		MT	Dawson County	47.2	255.2
MO	Gasconade County	38.4	268.5		MT	Deer Lodge County	46.1	247.0
MO	Gentry County	40.2	265.6		MT	Fallon County	46.4	255.6
MO	Greene County	37.2	266.7		MT	Fergus County	47.1	250.6

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

State	County			State	County		
MT	Flathead County	48.3	245.7	NE	Johnson County	40.4	263.7
MT	Gallatin County	45.7	248.8	NE	Kearney County	40.5	261.0
MT	Garfield County	47.2	253.0	NE	Keith County	41.2	258.3
MT	Glacier County	48.6	247.2	NE	Keya Paha County	42.9	260.3
MT	Golden Valley County	46.4	250.9	NE	Kimball County	41.2	256.3
MT	Granite County	46.4	246.6	NE	Knox County	42.6	262.1
MT	Hill County	48.6	250.0	NE	Lancaster County	40.8	263.3
MT	Jefferson County	46.1	247.9	NE	Lincoln County	41.1	259.2
MT	Judith Basin County	47.0	249.8	NE	Logan County	41.5	259.5
MT	Lake County	47.7	245.9	NE	Loup County	41.9	260.6
MT	Lewis and Clark County	46.8	247.8	NE	McPherson County	41.6	259.0
MT	Liberty County	48.6	249.0	NE	Madison County	42.0	262.5
MT	Lincoln County	48.6	244.6	NE	Merrick County	41.2	262.0
MT	McCone County	47.6	254.3	NE	Morrill County	41.7	256.9
MT	Madison County	45.4	248.1	NE	Nance County	41.4	262.1
MT	Meagher County	46.6	249.1	NE	Nemaha County	40.4	264.2
MT	Mineral County	47.1	245.0	NE	Nuckolls County	40.2	262.0
MT	Missoula County	46.9	246.0	NE	Otoe County	40.7	263.9
MT	Musselshell County	46.6	251.6	NE	Pawnee County	40.1	263.8
MT	Park County	45.7	249.5	NE	Perkins County	40.8	258.4
MT	Petroleum County	47.0	251.7	NE	Phelps County	40.5	260.6
MT	Phillips County	48.4	252.2	NE	Pierce County	42.3	262.4
MT	Pondera County	48.2	247.8	NE	Platte County	41.5	262.5
MT	Powder River County	45.4	254.4	NE	Polk County	41.2	262.4
MT	Powell County	46.6	247.2	NE	Red Willow County	40.2	259.5
MT	Prairie County	46.9	254.6	NE	Richardson County	40.1	264.3
MT	Ravalli County	46.2	245.9	NE	Rock County	42.5	260.5
MT	Richland County	47.8	255.5	NE	Saline County	40.5	262.9
MT	Roosevelt County	48.2	255.0	NE	Sarpy County	41.1	264.0
MT	Rosebud County	46.0	253.3	NE	Saunders County	41.2	263.4
MT	Sanders County	47.6	244.9	NE	Scotts Bluff County	41.9	256.3
MT	Sheridan County	48.7	255.5	NE	Seward County	40.9	262.9
MT	Silver Bow County	46.0	247.4	NE	Sheridan County	42.6	257.6
MT	Stillwater County	45.6	250.6	NE	Sherman County	41.2	261.0
MT	Sweet Grass County	45.9	250.1	NE	Sioux County	42.4	256.2
MT	Teton County	47.8	247.8	NE	Stanton County	41.9	262.8
MT	Toole County	48.6	248.2	NE	Thayer County	40.2	262.4
MT	Treasure County	46.3	252.7	NE	Thomas County	42.0	259.4
MT	Valley County	48.3	253.4	NE	Thurston County	42.2	263.4
MT	Wheatland County	46.4	250.1	NE	Valley County	41.5	261.0
MT	Wibaux County	47.0	255.8	NE	Washington County	41.5	263.8
MT	Yellowstone County	45.8	251.5	NE	Wayne County	42.2	262.9
NE	Adams County	40.6	261.5	NE	Webster County	40.2	261.5
NE	Antelope County	42.2	261.9	NE	Wheeler County	41.9	261.5
NE	Arthur County	41.6	258.3	NE	York County	40.9	262.4
NE	Banner County	41.5	256.3	NV	Churchill County	39.5	241.3
NE	Blaine County	41.9	260.0	NV	Clark County	36.1	244.9
NE	Boone County	41.7	262.0	NV	Douglas County	39.0	240.3
NE	Box Butte County	42.2	257.1	NV	Elko County	41.0	244.6
NE	Boyd County	42.9	261.3	NV	Esmeralda County	37.8	242.4
NE	Brown County	42.5	260.1	NV	Eureka County	40.0	243.7
NE	Buffalo County	40.8	260.9	NV	Humboldt County	41.3	242.2
NE	Burt County	41.9	263.7	NV	Lander County	40.0	243.0
NE	Butler County	41.2	262.9	NV	Lincoln County	37.8	245.3
NE	Cass County	40.9	263.9	NV	Lyon County	39.2	240.7
NE	Cedar County	42.6	262.8	NV	Mineral County	38.5	241.5
NE	Chase County	40.5	258.3	NV	Nye County	37.9	243.4
NE	Cherry County	42.7	258.9	NV	Pershing County	40.4	241.7
NE	Cheyenne County	41.2	257.0	NV	Storey County	39.4	240.4
NE	Clay County	40.5	262.0	NV	Washoe County	39.7	240.2
NE	Colfax County	41.6	262.9	NV	White Pine County	39.3	245.1
NE	Cuming County	41.9	263.2	NV	Carson City	39.2	240.2
NE	Custer County	41.4	260.4	NH	Belknap County	43.5	288.6
NE	Dakota County	42.4	263.5	NH	Carroll County	43.8	288.8
NE	Dawes County	42.7	256.8	NH	Cheshire County	42.9	287.8
NE	Dawson County	40.8	260.1	NH	Coos County	44.6	288.7
NE	Deuel County	41.1	257.7	NH	Grafton County	43.9	288.1
NE	Dixon County	42.5	263.2	NH	Hillsborough County	42.9	288.4
NE	Dodge County	41.5	263.4	NH	Merrimack County	43.3	288.4
NE	Douglas County	41.3	263.9	NH	Rockingham County	43.0	288.9
NE	Dundy County	40.1	258.4	NH	Strafford County	43.3	289.0
NE	Fillmore County	40.5	262.4	NH	Sullivan County	43.3	287.8
NE	Franklin County	40.2	261.1	NJ	Atlantic County	39.4	285.4
NE	Frontier County	40.5	259.6	NJ	Bergen County	40.9	285.9
NE	Furnas County	40.2	260.1	NJ	Burlington County	40.0	285.2
NE	Gage County	40.2	263.3	NJ	Camden County	39.9	285.0
NE	Garden County	41.5	257.7	NJ	Cape May County	39.1	285.2
NE	Garfield County	41.8	261.0	NJ	Cumberland County	39.4	284.9
NE	Gosper County	40.6	260.2	NJ	Essex County	40.8	285.8
NE	Grant County	41.9	258.3	NJ	Gloucester County	39.8	284.9
NE	Greeley County	41.6	261.5	NJ	Hudson County	40.7	285.9
NE	Hall County	40.9	261.6	NJ	Hunterdon County	40.6	285.1
NE	Hamilton County	40.9	262.0	NJ	Mercer County	40.3	285.3
NE	Harlan County	40.2	260.6	NJ	Middlesex County	40.5	285.6
NE	Hayes County	40.5	258.9	NJ	Monmouth County	40.3	285.9
NE	Hitchcock County	40.2	259.0	NJ	Morris County	40.9	285.5
NE	Holt County	42.5	261.3	NJ	Ocean County	39.9	285.8
NE	Hooker County	42.0	258.9	NJ	Passaic County	40.9	285.8
NE	Howard County	41.2	261.5	NJ	Salem County	39.6	284.6
NE	Jefferson County	40.2	262.9	NJ	Somerset County	40.6	285.4

NJ	Sussex County	41.1	285.3	NY	Tompkins County	42.5	283.5
NJ	Union County	40.7	285.7	NY	Ulster County	41.9	285.9
NJ	Warren County	40.8	285.0	NY	Warren County	43.5	286.2
NM	Bernalillo County	35.1	253.4	NY	Washington County	43.3	286.6
NM	Catron County	34.0	251.6	NY	Wayne County	43.1	282.9
NM	Chaves County	33.4	255.6	NY	Westchester County	41.1	286.2
NM	Cibola County	35.0	252.0	NY	Wyoming County	42.7	281.8
NM	Colfax County	36.6	255.3	NY	Yates County	42.6	282.9
NM	Curry County	34.5	256.7	NC	Alamance County	36.1	280.6
NM	De Baca County	34.4	255.8	NC	Alexander County	35.9	278.8
NM	Dona Ana County	32.3	253.2	NC	Alleghany County	36.5	278.9
NM	Eddy County	32.5	255.7	NC	Anson County	35.0	279.9
NM	Grant County	32.7	251.8	NC	Ashe County	36.4	278.5
NM	Guadalupe County	34.9	255.2	NC	Avery County	36.1	278.1
NM	Harding County	35.9	256.1	NC	Beaufort County	35.5	283.1
NM	Hidalgo County	32.0	251.3	NC	Bertie County	36.1	283.0
NM	Lea County	32.7	256.7	NC	Bladen County	34.6	281.4
NM	Lincoln County	33.6	254.5	NC	Brunswick County	34.0	281.8
NM	Los Alamos County	35.9	253.7	NC	Buncombe County	35.6	277.5
NM	Luna County	32.2	252.3	NC	Burke County	35.7	278.4
NM	McKinley County	35.6	251.6	NC	Cabarrus County	35.4	279.4
NM	Mora County	36.0	255.1	NC	Caldwell County	35.9	278.5
NM	Otero County	32.8	254.2	NC	Camden County	36.4	283.8
NM	Quay County	35.1	256.4	NC	Carteret County	34.7	283.2
NM	Rio Arriba County	36.4	253.3	NC	Caswell County	36.4	280.7
NM	Roosevelt County	34.1	256.6	NC	Catawba County	35.7	278.8
NM	Sandoval County	35.5	253.2	NC	Chatham County	35.7	280.7
NM	San Juan County	36.6	251.7	NC	Cherokee County	35.1	276.0
NM	San Miguel County	35.5	254.9	NC	Chowan County	36.1	283.4
NM	Santa Fe County	35.6	254.0	NC	Clay County	35.0	276.2
NM	Sierra County	33.1	252.7	NC	Cleveland County	35.3	278.5
NM	Socorro County	34.2	253.0	NC	Columbus County	34.3	281.3
NM	Taos County	36.5	254.4	NC	Craven County	35.1	282.9
NM	Torrance County	34.8	254.0	NC	Cumberland County	35.1	281.1
NM	Union County	36.5	256.6	NC	Currituck County	36.4	284.0
NM	Valencia County	34.7	253.2	NC	Dare County	35.8	284.3
NY	Albany County	42.7	286.2	NC	Davidson County	35.8	279.8
NY	Allegany County	42.2	282.0	NC	Davie County	35.9	279.5
NY	Bronx County	40.8	286.1	NC	Duplin County	34.9	282.0
NY	Broome County	42.1	284.1	NC	Durham County	36.0	281.1
NY	Cattaraugus County	42.2	281.4	NC	Edgecombe County	35.9	282.4
NY	Cayuga County	42.9	283.4	NC	Forsyth County	36.1	279.8
NY	Chautauqua County	42.2	280.7	NC	Franklin County	36.1	281.7
NY	Chemung County	42.1	283.2	NC	Gaston County	35.3	278.8
NY	Chenango County	42.5	284.4	NC	Gates County	36.4	283.3
NY	Clinton County	44.7	286.4	NC	Graham County	35.4	276.2
NY	Columbia County	42.3	286.3	NC	Granville County	36.3	281.3
NY	Cortland County	42.6	283.9	NC	Greene County	35.5	282.3
NY	Delaware County	42.2	285.0	NC	Guilford County	36.1	280.2
NY	Dutchess County	41.7	286.2	NC	Halifax County	36.3	282.3
NY	Erie County	42.9	281.2	NC	Harnett County	35.4	281.2
NY	Essex County	44.2	286.3	NC	Haywood County	35.5	277.0
NY	Franklin County	44.6	285.7	NC	Henderson County	35.3	277.5
NY	Fulton County	43.1	285.6	NC	Hertford County	36.3	283.0
NY	Genesee County	43.0	281.8	NC	Hoke County	35.0	280.8
NY	Greene County	42.3	286.0	NC	Hyde County	35.5	283.8
NY	Hamilton County	43.6	285.5	NC	Iredell County	35.7	279.1
NY	Herkimer County	43.2	285.0	NC	Jackson County	35.3	276.8
NY	Jefferson County	44.0	284.1	NC	Johnston County	35.5	281.6
NY	Kings County	40.6	286.0	NC	Jones County	35.0	282.6
NY	Lewis County	43.8	284.5	NC	Lee County	35.5	280.8
NY	Livingston County	42.7	282.2	NC	Lenoir County	35.3	282.4
NY	Madison County	42.9	284.3	NC	Lincoln County	35.5	278.8
NY	Monroe County	43.2	282.4	NC	McDowell County	35.7	278.0
NY	Montgomery County	42.9	285.6	NC	Macon County	35.2	276.6
NY	Nassau County	40.7	286.4	NC	Madison County	35.8	277.3
NY	New York County	40.8	286.0	NC	Martin County	35.8	282.9
NY	Niagara County	43.1	281.2	NC	Mecklenburg County	35.2	279.2
NY	Oneida County	43.2	284.6	NC	Mitchell County	36.0	277.9
NY	Onondaga County	43.0	283.8	NC	Montgomery County	35.3	280.1
NY	Ontario County	42.9	282.7	NC	Moore County	35.2	280.5
NY	Orange County	41.4	285.7	NC	Nash County	36.0	282.1
NY	Orleans County	43.3	281.8	NC	New Hanover County	34.2	282.1
NY	Oswego County	43.4	283.8	NC	Northampton County	36.4	282.5
NY	Otsego County	42.6	285.0	NC	Onslow County	34.7	282.6
NY	Putnam County	41.4	286.3	NC	Orange County	36.0	280.9
NY	Queens County	40.7	286.2	NC	Pamlico County	35.1	283.2
NY	Rensselaer County	42.7	286.4	NC	Pasquotank County	36.3	283.8
NY	Richmond County	40.6	285.9	NC	Pender County	34.5	282.1
NY	Rockland County	41.1	286.0	NC	Perquimans County	36.2	283.5
NY	St. Lawrence County	44.6	284.8	NC	Person County	36.4	281.0
NY	Saratoga County	43.0	286.2	NC	Pitt County	35.6	282.6
NY	Schenectady County	42.8	286.0	NC	Polk County	35.3	277.8
NY	Schoharie County	42.6	285.6	NC	Randolph County	35.7	280.2
NY	Schuyler County	42.4	283.1	NC	Richmond County	35.0	280.3
NY	Seneca County	42.8	283.2	NC	Robeson County	34.7	280.9
NY	Steuben County	42.3	282.6	NC	Rockingham County	36.4	280.2
NY	Suffolk County	40.8	287.0	NC	Rowan County	35.6	279.5
NY	Sullivan County	41.7	285.3	NC	Rutherford County	35.4	278.1
NY	Tioga County	42.1	283.7	NC	Sampson County	35.0	281.6

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

State	County			State	County		
NC	Scotland County	34.8	280.5	OH	Defiance County	41.3	275.5
NC	Stanly County	35.3	279.8	OH	Delaware County	40.3	277.0
NC	Stokes County	36.4	279.7	OH	Erie County	41.4	277.4
NC	Surry County	36.4	279.3	OH	Fairfield County	39.8	277.4
NC	Swain County	35.4	276.6	OH	Fayette County	39.6	276.5
NC	Transylvania County	35.2	277.2	OH	Franklin County	40.0	277.0
NC	Tyrrell County	35.8	283.8	OH	Fulton County	41.6	275.9
NC	Union County	35.0	279.4	OH	Gallia County	38.8	277.7
NC	Vance County	36.3	281.6	OH	Geauga County	41.5	278.8
NC	Wake County	35.8	281.3	OH	Greene County	39.7	276.1
NC	Warren County	36.4	281.9	OH	Guernsey County	40.0	278.5
NC	Washington County	35.9	283.4	OH	Hamilton County	39.2	275.5
NC	Watauga County	36.2	278.3	OH	Hancock County	41.0	276.3
NC	Wayne County	35.4	282.0	OH	Hardin County	40.7	276.4
NC	Wilkes County	36.2	278.8	OH	Harrison County	40.3	278.9
NC	Wilson County	35.7	282.1	OH	Henry County	41.3	275.9
NC	Yadkin County	36.2	279.3	OH	Highland County	39.2	276.4
NC	Yancey County	35.9	277.7	OH	Hocking County	39.5	277.6
ND	Adams County	46.1	257.4	OH	Holmes County	40.6	278.1
ND	Barnes County	46.9	261.9	OH	Huron County	41.2	277.4
ND	Benson County	48.1	260.6	OH	Jackson County	39.0	277.4
ND	Billings County	47.0	256.6	OH	Jefferson County	40.4	279.3
ND	Bottineau County	48.8	259.2	OH	Knox County	40.4	277.6
ND	Bowman County	46.1	256.6	OH	Lake County	41.7	278.7
ND	Burke County	48.8	257.5	OH	Lawrence County	38.5	277.5
ND	Burleigh County	46.9	259.4	OH	Licking County	40.1	277.5
ND	Cass County	46.9	262.9	OH	Logan County	40.4	276.2
ND	Cavalier County	48.8	261.5	OH	Lorain County	41.4	277.9
ND	Dickey County	46.1	261.5	OH	Lucas County	41.6	276.4
ND	Divide County	48.8	256.5	OH	Madison County	39.9	276.6
ND	Dunn County	47.3	257.4	OH	Mahoning County	41.1	279.3
ND	Eddy County	47.7	261.0	OH	Marion County	40.6	276.9
ND	Emmons County	46.3	259.8	OH	Medina County	41.1	278.1
ND	Foster County	47.5	261.1	OH	Meigs County	39.1	278.0
ND	Golden Valley County	46.9	256.1	OH	Mercer County	40.5	275.4
ND	Grand Forks County	47.9	262.7	OH	Miami County	40.1	275.8
ND	Grant County	46.4	258.3	OH	Monroe County	39.7	278.9
ND	Griggs County	47.5	261.8	OH	Montgomery County	39.8	275.8
ND	Hettinger County	46.4	257.5	OH	Morgan County	39.6	278.2
ND	Kidder County	47.0	260.2	OH	Morrow County	40.5	277.2
ND	LaMoure County	46.4	261.5	OH	Muskingum County	40.0	278.0
ND	Logan County	46.5	260.5	OH	Noble County	39.8	278.5
ND	McHenry County	48.2	259.3	OH	Ottawa County	41.5	277.0
ND	McIntosh County	46.1	260.5	OH	Paulding County	41.1	275.4
ND	McKenzie County	47.8	256.6	OH	Perry County	39.7	277.8
ND	McLean County	47.6	258.8	OH	Pickaway County	39.6	277.0
ND	Mercer County	47.3	258.3	OH	Pike County	39.1	277.0
ND	Morton County	46.8	258.7	OH	Portage County	41.2	278.7
ND	Mountrail County	48.2	257.7	OH	Preble County	39.7	275.4
ND	Nelson County	47.9	261.8	OH	Putnam County	41.0	275.9
ND	Oliver County	47.1	258.6	OH	Richland County	40.8	277.5
ND	Pembina County	48.8	262.5	OH	Ross County	39.3	277.0
ND	Pierce County	48.2	260.0	OH	Sandusky County	41.4	276.9
ND	Ramsey County	48.2	261.2	OH	Scioto County	38.8	277.1
ND	Ransom County	46.5	262.3	OH	Seneca County	41.1	276.8
ND	Renville County	48.7	258.4	OH	Shelby County	40.3	275.8
ND	Richland County	46.2	263.1	OH	Stark County	40.8	278.6
ND	Rolette County	48.8	260.2	OH	Summit County	41.1	278.5
ND	Sargent County	46.1	262.4	OH	Trumbull County	41.2	279.2
ND	Sheridan County	47.6	259.7	OH	Tuscarawas County	40.5	278.5
ND	Sioux County	46.1	259.1	OH	Union County	40.3	276.6
ND	Slope County	46.4	256.6	OH	Van Wert County	40.9	275.4
ND	Stark County	46.9	257.3	OH	Vinton County	39.2	277.5
ND	Steele County	47.5	262.3	OH	Warren County	39.4	275.8
ND	Stutsman County	47.0	261.1	OH	Washington County	39.4	278.5
ND	Towner County	48.7	260.8	OH	Wayne County	40.8	278.1
ND	Traill County	47.5	262.8	OH	Williams County	41.5	275.4
ND	Walsh County	48.4	262.3	OH	Wood County	41.4	276.4
ND	Ward County	48.3	258.5	OH	Wyandot County	40.9	276.7
ND	Wells County	47.6	260.3	OK	Adair County	35.9	265.4
ND	Williams County	48.3	256.5	OK	Alfalfa County	36.7	261.7
OH	Adams County	38.8	276.5	OK	Atoka County	34.4	263.9
OH	Allen County	40.8	275.9	OK	Beaver County	36.7	259.5
OH	Ashland County	40.8	277.7	OK	Beckham County	35.3	260.4
OH	Ashtabula County	41.8	279.2	OK	Blaine County	35.9	261.6
OH	Athens County	39.4	277.9	OK	Bryan County	34.0	263.7
OH	Auglaize County	40.5	275.7	OK	Caddo County	35.1	261.7
OH	Belmont County	40.0	279.1	OK	Canadian County	35.5	262.1
OH	Brown County	38.9	276.1	OK	Carter County	34.2	262.8
OH	Butler County	39.4	275.5	OK	Cherokee County	35.9	265.0
OH	Carroll County	40.6	278.9	OK	Choctaw County	34.0	264.5
OH	Champaign County	40.1	276.2	OK	Cimarron County	36.8	257.6
OH	Clark County	39.9	276.2	OK	Cleveland County	35.2	262.6
OH	Clermont County	39.1	275.8	OK	Coal County	34.6	263.7
OH	Clinton County	39.4	276.2	OK	Comanche County	34.6	261.6
OH	Columbiana County	40.8	279.3	OK	Cotton County	34.3	261.6
OH	Coshocton County	40.3	278.1	OK	Craig County	36.7	264.8
OH	Crawford County	40.8	277.1	OK	Creek County	36.0	263.7
OH	Cuyahoga County	41.5	278.3	OK	Custer County	35.6	261.1
OH	Darke County	40.1	275.4	OK	Delaware County	36.5	265.2

State	County			State	County		
OK	Dewey County	36.0	261.0	OR	Wheeler County	44.7	240.0
OK	Ellis County	36.3	260.2	OR	Yamhill County	45.2	236.8
OK	Garfield County	36.4	262.2	PA	Adams County	39.9	282.8
OK	Garvin County	34.7	262.7	PA	Allegheny County	40.4	280.0
OK	Grady County	35.1	262.1	PA	Armstrong County	40.8	280.5
OK	Grant County	36.8	262.2	PA	Beaver County	40.7	279.7
OK	Greer County	34.9	260.5	PA	Bedford County	40.0	281.5
OK	Harmon County	34.7	260.1	PA	Berks County	40.4	284.1
OK	Harper County	36.8	260.3	PA	Blair County	40.5	281.6
OK	Haskell County	35.2	264.9	PA	Bradford County	41.8	283.5
OK	Hughes County	35.1	263.7	PA	Bucks County	40.3	285.0
OK	Jackson County	34.6	260.6	PA	Butler County	40.9	280.1
OK	Jefferson County	34.1	262.1	PA	Cambria County	40.4	281.2
OK	Johnston County	34.3	263.3	PA	Cameron County	41.4	281.8
OK	Kay County	36.8	262.8	PA	Carbon County	40.9	284.3
OK	Kingfisher County	35.9	262.1	PA	Centre County	40.9	282.2
OK	Kiowa County	34.9	261.0	PA	Chester County	40.0	284.3
OK	Latimer County	34.9	264.7	PA	Clarion County	41.2	280.6
OK	Le Flore County	35.0	265.3	PA	Clearfield County	41.0	281.5
OK	Lincoln County	35.7	263.1	PA	Clinton County	41.2	282.5
OK	Logan County	35.9	262.6	PA	Columbia County	41.0	283.6
OK	Love County	33.9	262.8	PA	Crawford County	41.7	279.9
OK	McClain County	35.0	262.5	PA	Cumberland County	40.2	282.9
OK	McCurtain County	34.1	265.2	PA	Dauphin County	40.3	283.2
OK	McIntosh County	35.4	264.4	PA	Delaware County	39.9	284.6
OK	Major County	36.3	261.6	PA	Elk County	41.4	281.3
OK	Marshall County	34.0	263.3	PA	Erie County	42.1	279.9
OK	Mayes County	36.3	264.8	PA	Fayette County	40.0	280.3
OK	Murray County	34.5	263.0	PA	Forest County	41.5	280.7
OK	Muskogee County	35.7	264.6	PA	Franklin County	39.9	282.3
OK	Noble County	36.4	262.8	PA	Fulton County	39.9	281.9
OK	Nowata County	36.8	264.4	PA	Greene County	39.9	279.8
OK	Okfuskee County	35.4	263.7	PA	Huntingdon County	40.4	282.0
OK	Oklahoma County	35.5	262.5	PA	Indiana County	40.6	280.9
OK	Okmulgee County	35.6	264.0	PA	Jefferson County	41.1	281.0
OK	Osage County	36.6	263.6	PA	Juniata County	40.6	282.7
OK	Ottawa County	36.9	265.2	PA	Lackawanna County	41.4	284.4
OK	Pawnee County	36.3	263.4	PA	Lancaster County	40.1	283.7
OK	Payne County	36.1	263.0	PA	Lawrence County	41.0	279.7
OK	Pittsburg County	34.9	264.3	PA	Lebanon County	40.3	283.6
OK	Pontotoc County	34.8	263.3	PA	Lehigh County	40.6	284.5
OK	Pottawatomie County	35.3	263.1	PA	Luzerne County	41.2	284.1
OK	Pushmataha County	34.4	264.6	PA	Lycoming County	41.3	283.0
OK	Roger Mills County	35.7	260.3	PA	McKean County	41.8	281.4
OK	Rogers County	36.3	264.4	PA	Mercer County	41.3	279.7
OK	Seminole County	35.2	263.4	PA	Mifflin County	40.6	282.4
OK	Sequoyah County	35.5	265.2	PA	Monroe County	41.1	284.7
OK	Stephens County	34.5	262.1	PA	Montgomery County	40.2	284.7
OK	Texas County	36.7	258.5	PA	Montour County	41.0	283.4
OK	Tillman County	34.4	261.1	PA	Northampton County	40.7	284.7
OK	Tulsa County	36.1	264.1	PA	Northumberland County	40.9	283.3
OK	Wagoner County	36.0	264.5	PA	Perry County	40.4	282.8
OK	Washington County	36.7	264.1	PA	Philadelphia County	40.0	284.9
OK	Washita County	35.3	261.0	PA	Pike County	41.3	285.0
OK	Woods County	36.7	261.2	PA	Potter County	41.8	282.1
OK	Woodward County	36.4	260.7	PA	Schuylkill County	40.7	283.8
OR	Baker County	44.7	242.2	PA	Snyder County	40.8	283.0
OR	Benton County	44.5	236.7	PA	Somerset County	40.0	281.0
OR	Clackamas County	45.3	237.5	PA	Sullivan County	41.5	283.5
OR	Clatsop County	46.0	236.2	PA	Susquehanna County	41.8	284.2
OR	Columbia County	45.9	237.0	PA	Tioga County	41.8	282.8
OR	Coos County	43.2	235.9	PA	Union County	41.0	283.0
OR	Crook County	44.2	239.5	PA	Venango County	41.4	280.2
OR	Curry County	42.4	235.7	PA	Warren County	41.8	280.7
OR	Deschutes County	44.0	238.7	PA	Washington County	40.2	279.9
OR	Douglas County	43.3	236.7	PA	Wayne County	41.6	284.7
OR	Gilliam County	45.3	239.8	PA	Westmoreland County	40.3	280.4
OR	Grant County	44.5	241.1	PA	Wyoming County	41.5	284.0
OR	Harney County	43.5	241.0	PA	York County	39.9	283.3
OR	Hood River County	45.6	238.4	RI	Bristol County	41.7	288.7
OR	Jackson County	42.4	237.2	RI	Kent County	41.7	288.5
OR	Jefferson County	44.6	238.8	RI	Newport County	41.5	288.7
OR	Josephine County	42.4	236.6	RI	Providence County	41.9	288.5
OR	Klamath County	42.7	238.3	RI	Washington County	41.5	288.4
OR	Lake County	42.7	239.4	SC	Abbeville County	34.2	277.5
OR	Lane County	44.0	236.9	SC	Aiken County	33.6	278.3
OR	Lincoln County	44.7	236.1	SC	Allendale County	33.0	278.7
OR	Linn County	44.5	237.3	SC	Anderson County	34.5	277.4
OR	Malheur County	43.6	242.6	SC	Bamberg County	33.2	278.9
OR	Marion County	44.9	237.2	SC	Barnwell County	33.3	278.6
OR	Morrow County	45.4	240.4	SC	Beaufort County	32.4	279.3
OR	Multnomah County	45.5	237.4	SC	Berkeley County	33.1	280.0
OR	Polk County	44.9	236.6	SC	Calhoun County	33.7	279.2
OR	Sherman County	45.5	239.3	SC	Charleston County	32.8	280.0
OR	Tillamook County	45.5	236.2	SC	Cherokee County	35.1	278.4
OR	Umatilla County	45.6	241.2	SC	Chester County	34.7	278.9
OR	Union County	45.3	242.0	SC	Chesterfield County	34.7	279.8
OR	Wallowa County	45.6	242.7	SC	Clarendon County	33.7	279.8
OR	Wasco County	45.3	238.7	SC	Colleton County	32.9	279.3
OR	Washington County	45.5	237.1	SC	Darlington County	34.3	280.0

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State	County			State	County		
SC	Dillon County	34.4	280.6	SD	Tripp County	43.4	260.1
SC	Dorchester County	33.0	279.7	SD	Turner County	43.3	262.9
SC	Edgefield County	33.8	278.1	SD	Union County	42.8	263.3
SC	Fairfield County	34.4	278.9	SD	Walworth County	45.5	259.9
SC	Florence County	34.1	280.3	SD	Yankton County	43.0	262.6
SC	Georgetown County	33.4	280.7	SD	Ziebach County	45.0	258.3
SC	Greenville County	34.9	277.6	TN	Anderson County	36.1	275.8
SC	Greenwood County	34.2	277.9	TN	Bedford County	35.5	273.6
SC	Hampton County	32.8	278.9	TN	Benton County	36.1	271.9
SC	Horry County	33.8	281.1	TN	Bledsoe County	35.6	274.8
SC	Jasper County	32.4	279.0	TN	Blount County	35.8	276.0
SC	Kershaw County	34.3	279.4	TN	Bradley County	35.2	275.1
SC	Lancaster County	34.7	279.3	TN	Campbell County	36.4	275.9
SC	Laurens County	34.5	278.0	TN	Cannon County	35.8	273.9
SC	Lee County	34.2	279.7	TN	Carroll County	36.0	271.6
SC	Lexington County	33.9	278.8	TN	Carter County	36.3	277.8
SC	McCormick County	33.9	277.7	TN	Cheatham County	36.3	272.9
SC	Marion County	34.2	280.7	TN	Chester County	35.4	271.4
SC	Marlboro County	34.6	280.3	TN	Claiborne County	36.5	276.3
SC	Newberry County	34.3	278.4	TN	Clay County	36.6	274.5
SC	Oconee County	34.7	277.0	TN	Cocke County	35.9	276.9
SC	Orangeburg County	33.5	279.2	TN	Coffee County	35.5	273.9
SC	Pickens County	34.8	277.3	TN	Crockett County	35.8	270.9
SC	Richland County	34.0	279.0	TN	Cumberland County	35.9	275.0
SC	Saluda County	34.0	278.3	TN	Davidson County	36.2	273.2
SC	Spartanburg County	35.0	278.0	TN	Decatur County	35.6	271.9
SC	Sumter County	33.9	279.6	TN	DeKalb County	36.0	274.1
SC	Union County	34.7	278.4	TN	Dickson County	36.1	272.6
SC	Williamsburg County	33.6	280.3	TN	Dyer County	36.1	270.6
SC	York County	35.0	278.9	TN	Fayette County	35.2	270.6
SD	Aurora County	43.7	261.5	TN	Fentress County	36.4	275.1
SD	Beadle County	44.4	261.7	TN	Franklin County	35.2	273.9
SD	Bennett County	43.2	258.3	TN	Gibson County	36.0	271.1
SD	Bon Homme County	43.0	262.1	TN	Giles County	35.2	273.0
SD	Brookings County	44.3	263.2	TN	Grainger County	36.3	276.5
SD	Brown County	45.5	261.6	TN	Greene County	36.2	277.2
SD	Brule County	43.8	260.9	TN	Grundy County	35.4	274.3
SD	Buffalo County	44.0	260.7	TN	Hamblen County	36.2	276.7
SD	Butte County	44.8	256.4	TN	Hamilton County	35.1	274.8
SD	Campbell County	45.8	260.0	TN	Hancock County	36.5	276.8
SD	Charles Mix County	43.2	261.5	TN	Hardeman County	35.2	271.0
SD	Clark County	44.9	262.3	TN	Hardin County	35.2	271.8
SD	Clay County	42.9	263.0	TN	Hawkins County	36.4	277.1
SD	Codington County	44.9	262.8	TN	Haywood County	35.6	270.7
SD	Corson County	45.8	258.9	TN	Henderson County	35.6	271.6
SD	Custer County	43.7	256.5	TN	Henry County	36.3	271.7
SD	Davison County	43.7	261.9	TN	Hickman County	35.8	272.6
SD	Day County	45.4	262.4	TN	Houston County	36.3	272.3
SD	Deuel County	44.7	263.3	TN	Humphreys County	36.1	272.2
SD	Dewey County	45.2	259.0	TN	Jackson County	36.4	274.3
SD	Douglas County	43.4	261.6	TN	Jefferson County	36.1	276.6
SD	Edmunds County	45.4	260.8	TN	Johnson County	36.4	278.2
SD	Fall River County	43.3	256.4	TN	Knox County	36.0	276.0
SD	Faulk County	45.1	260.9	TN	Lake County	36.3	270.5
SD	Grant County	45.2	263.3	TN	Lauderdale County	35.8	270.5
SD	Gregory County	43.2	260.8	TN	Lawrence County	35.2	272.6
SD	Haakon County	44.2	258.5	TN	Lewis County	35.5	272.5
SD	Hamlin County	44.7	262.8	TN	Lincoln County	35.1	273.4
SD	Hand County	44.5	261.0	TN	Loudon County	35.7	275.7
SD	Hanson County	43.7	262.2	TN	McMinn County	35.4	275.4
SD	Harding County	45.6	256.5	TN	McNairy County	35.2	271.4
SD	Hughes County	44.4	259.8	TN	Macon County	36.5	274.0
SD	Hutchinson County	43.3	262.3	TN	Madison County	35.6	271.2
SD	Hyde County	44.6	260.5	TN	Marion County	35.1	274.4
SD	Jackson County	43.8	258.3	TN	Marshall County	35.5	273.2
SD	Jerauld County	44.1	261.4	TN	Maury County	35.6	272.9
SD	Jones County	44.0	259.3	TN	Meigs County	35.5	275.2
SD	Kingsbury County	44.4	262.5	TN	Monroe County	35.5	275.7
SD	Lake County	44.0	262.9	TN	Montgomery County	36.5	272.6
SD	Lawrence County	44.4	256.2	TN	Moore County	35.3	273.6
SD	Lincoln County	43.3	263.3	TN	Morgan County	36.1	275.4
SD	Lyman County	43.9	260.2	TN	Obion County	36.4	270.9
SD	McCook County	43.7	262.6	TN	Overton County	36.4	274.7
SD	McPherson County	45.8	260.7	TN	Perry County	35.6	272.1
SD	Marshall County	45.7	262.4	TN	Pickett County	36.6	274.9
SD	Meade County	44.4	256.9	TN	Polk County	35.1	275.5
SD	Mellette County	43.6	259.2	TN	Putnam County	36.2	274.5
SD	Miner County	44.0	262.4	TN	Rhea County	35.6	275.1
SD	Minnehaha County	43.6	263.3	TN	Roane County	35.9	275.5
SD	Moody County	44.0	263.3	TN	Robertson County	36.5	273.1
SD	Pennington County	44.0	256.9	TN	Rutherford County	35.9	273.6
SD	Perkins County	45.6	257.6	TN	Scott County	36.4	275.5
SD	Potter County	45.0	260.1	TN	Sequatchie County	35.4	274.6
SD	Roberts County	45.6	263.1	TN	Sevier County	35.8	276.5
SD	Sanborn County	44.0	261.9	TN	Shelby County	35.1	270.1
SD	Shannon County	43.3	257.5	TN	Smith County	36.2	274.0
SD	Spink County	44.9	261.6	TN	Stewart County	36.5	272.2
SD	Stanley County	44.4	259.4	TN	Sullivan County	36.5	277.6
SD	Sully County	44.7	259.9	TN	Sumner County	36.4	273.5
SD	Todd County	43.2	259.2	TN	Tipton County	35.5	270.3

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State	County			State	County		
TN	Trousdale County	36.4	273.8	TX	Franklin County	33.1	264.8
TN	Unicoi County	36.1	277.6	TX	Freestone County	31.7	263.8
TN	Union County	36.3	276.2	TX	Frio County	28.9	260.9
TN	Van Buren County	35.7	274.5	TX	Gaines County	32.8	257.3
TN	Warren County	35.7	274.2	TX	Galveston County	29.4	265.1
TN	Washington County	36.3	277.6	TX	Garza County	33.2	258.7
TN	Wayne County	35.2	272.2	TX	Gillespie County	30.3	261.1
TN	Weakley County	36.3	271.3	TX	Glasscock County	31.9	258.5
TN	White County	35.9	274.5	TX	Goliad County	28.7	262.6
TN	Williamson County	35.9	273.1	TX	Gonzales County	29.5	262.5
TN	Wilson County	36.2	273.7	TX	Gray County	35.4	259.1
TX	Anderson County	31.8	264.4	TX	Grayson County	33.7	263.4
TX	Andrews County	32.3	257.4	TX	Gregg County	32.5	265.2
TX	Angelina County	31.3	265.3	TX	Grimes County	30.5	264.0
TX	Aransas County	28.0	263.0	TX	Guadalupe County	29.6	262.0
TX	Archer County	33.7	261.3	TX	Hale County	34.1	258.2
TX	Armstrong County	35.0	258.6	TX	Hall County	34.5	259.3
TX	Atascosa County	28.9	261.5	TX	Hamilton County	31.8	261.9
TX	Austin County	29.9	263.8	TX	Hansford County	36.3	258.7
TX	Bailey County	34.1	257.2	TX	Hardeman County	34.3	260.3
TX	Bandera County	29.7	260.9	TX	Hardin County	30.3	265.7
TX	Bastrop County	30.1	262.7	TX	Harris County	29.8	264.6
TX	Baylor County	33.6	260.7	TX	Harrison County	32.5	265.6
TX	Bee County	28.4	262.3	TX	Hartley County	35.9	257.4
TX	Bell County	31.1	262.5	TX	Haskell County	33.2	260.2
TX	Bexar County	29.5	261.5	TX	Hays County	30.0	262.0
TX	Blanco County	30.2	261.6	TX	Hemphill County	35.8	259.7
TX	Borden County	32.7	258.6	TX	Henderson County	32.2	264.1
TX	Bosque County	31.9	262.4	TX	Hidalgo County	26.2	261.8
TX	Bowie County	33.4	265.7	TX	Hill County	32.0	262.8
TX	Brazoria County	29.2	264.6	TX	Hockley County	33.6	257.6
TX	Brazos County	30.6	263.7	TX	Hood County	32.4	262.2
TX	Brewster County	30.0	256.6	TX	Hopkins County	33.1	264.4
TX	Briscoe County	34.5	258.7	TX	Houston County	31.3	264.6
TX	Brooks County	27.1	261.8	TX	Howard County	32.2	258.6
TX	Brown County	31.8	261.0	TX	Hudspeth County	31.5	254.6
TX	Burleson County	30.4	263.4	TX	Hunt County	33.1	263.9
TX	Burnet County	30.7	261.8	TX	Hutchinson County	35.7	258.6
TX	Caldwell County	29.8	262.3	TX	Irion County	31.3	259.0
TX	Calhoun County	28.5	263.4	TX	Jack County	33.2	261.8
TX	Callahan County	32.3	260.6	TX	Jackson County	28.9	263.4
TX	Cameron County	26.1	262.4	TX	Jasper County	30.8	266.0
TX	Camp County	33.0	265.0	TX	Jeff Davis County	30.7	255.9
TX	Carson County	35.4	258.7	TX	Jefferson County	30.0	265.9
TX	Cass County	33.1	265.7	TX	Jim Hogg County	27.1	261.3
TX	Castro County	34.5	257.7	TX	Jim Wells County	27.7	261.9
TX	Chambers County	29.8	265.3	TX	Johnson County	32.4	262.7
TX	Cherokee County	31.9	264.8	TX	Jones County	32.8	260.1
TX	Childress County	34.5	259.8	TX	Karnes County	28.9	262.1
TX	Clay County	33.8	261.8	TX	Kaufman County	32.6	263.7
TX	Cochran County	33.7	257.2	TX	Kendall County	29.9	261.3
TX	Coke County	31.9	259.5	TX	Kenedy County	26.9	262.3
TX	Coleman County	31.8	260.6	TX	Kent County	33.2	259.3
TX	Collin County	33.1	263.4	TX	Kerr County	30.0	260.8
TX	Collingsworth County	34.9	259.8	TX	Kimble County	30.5	260.3
TX	Colorado County	29.6	263.5	TX	King County	33.6	259.7
TX	Comal County	29.8	261.8	TX	Kinney County	29.3	259.6
TX	Comanche County	32.0	261.4	TX	Kleberg County	27.5	262.1
TX	Concho County	31.3	260.1	TX	Knox County	33.5	260.3
TX	Cooke County	33.6	262.8	TX	Lamar County	33.7	264.4
TX	Coryell County	31.3	262.2	TX	Lamb County	34.1	257.6
TX	Cottle County	34.1	259.7	TX	Lampasas County	31.1	261.8
TX	Crane County	31.4	257.5	TX	La Salle County	28.4	260.8
TX	Crockett County	30.7	258.6	TX	Lavaca County	29.4	263.0
TX	Crosby County	33.6	258.7	TX	Lee County	30.3	263.1
TX	Culberson County	31.3	255.4	TX	Leon County	31.3	263.9
TX	Dallam County	36.2	257.3	TX	Liberty County	30.2	265.2
TX	Dallas County	32.8	263.2	TX	Limestone County	31.6	263.4
TX	Dawson County	32.7	258.1	TX	Lipscomb County	36.3	259.7
TX	Deaf Smith County	34.9	257.5	TX	Live Oak County	28.3	261.9
TX	Delta County	33.4	264.3	TX	Llano County	30.7	261.4
TX	Denton County	33.1	262.9	TX	Loving County	31.8	256.4
TX	DeWitt County	29.1	262.7	TX	Lubbock County	33.6	258.1
TX	Dickens County	33.6	259.2	TX	Lynn County	33.2	258.2
TX	Dimmit County	28.5	260.2	TX	McCulloch County	31.2	260.7
TX	Donley County	35.0	259.2	TX	McLennan County	31.5	262.8
TX	Duval County	27.7	261.5	TX	McMullen County	28.4	261.5
TX	Eastland County	32.3	261.2	TX	Madison County	31.0	264.0
TX	Ector County	31.9	257.6	TX	Marion County	32.8	265.6
TX	Edwards County	30.0	259.8	TX	Martin County	32.3	258.1
TX	Ellis County	32.4	263.2	TX	Mason County	30.8	260.8
TX	El Paso County	31.8	253.6	TX	Matagorda County	28.9	264.0
TX	Erath County	32.2	261.8	TX	Maverick County	28.7	259.6
TX	Falls County	31.3	263.0	TX	Medina County	29.3	261.0
TX	Fannin County	33.6	263.8	TX	Menard County	30.9	260.2
TX	Fayette County	29.9	263.1	TX	Midland County	32.0	257.9
TX	Fisher County	32.8	259.6	TX	Milam County	30.8	263.0
TX	Floyd County	34.1	258.7	TX	Mills County	31.5	261.4
TX	Foard County	34.0	260.2	TX	Mitchell County	32.3	259.1
TX	Fort Bend County	29.6	264.3	TX	Montague County	33.7	262.3

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

TX	Montgomery County	30.3	264.5	UT	Davis County	41.0	248.1
TX	Moore County	35.9	258.1	UT	Duchesne County	40.2	249.7
TX	Morris County	33.1	265.3	UT	Emery County	39.2	249.1
TX	Motley County	34.1	259.2	UT	Garfield County	37.8	248.1
TX	Nacogdoches County	31.6	265.4	UT	Grand County	38.8	250.5
TX	Navarro County	32.1	263.5	UT	Iron County	37.8	246.8
TX	Newton County	30.8	266.3	UT	Juab County	39.7	247.7
TX	Nolan County	32.4	259.6	UT	Kane County	37.3	247.6
TX	Nueces County	27.7	262.5	UT	Millard County	39.1	247.1
TX	Ochiltree County	36.3	259.2	UT	Morgan County	41.1	248.4
TX	Oldham County	35.4	257.4	UT	Piute County	38.3	247.9
TX	Orange County	30.1	266.2	UT	Rich County	41.7	248.7
TX	Palo Pinto County	32.8	261.7	UT	Salt Lake County	40.7	248.1
TX	Panola County	32.2	265.7	UT	San Juan County	37.4	250.5
TX	Parker County	32.8	262.2	UT	Sanpete County	39.4	248.4
TX	Parmer County	34.5	257.2	UT	Sevier County	38.8	248.1
TX	Pecos County	30.9	257.3	UT	Summit County	40.8	248.7
TX	Polk County	30.8	265.1	UT	Tooele County	40.4	247.3
TX	Potter County	35.3	258.2	UT	Uintah County	40.3	250.4
TX	Presidio County	30.0	255.8	UT	Utah County	40.2	248.3
TX	Rains County	32.9	264.2	UT	Wasatch County	40.5	248.6
TX	Randall County	35.1	258.1	UT	Washington County	37.2	246.5
TX	Reagan County	31.3	258.5	UT	Wayne County	38.3	248.7
TX	Real County	29.8	260.1	UT	Weber County	41.2	248.0
TX	Red River County	33.6	264.9	VT	Addison County	44.0	286.8
TX	Reeves County	31.3	256.4	VT	Bennington County	43.0	286.9
TX	Refugio County	28.3	262.8	VT	Caledonia County	44.5	287.9
TX	Roberts County	35.8	259.2	VT	Chittenden County	44.5	286.9
TX	Robertson County	31.0	263.4	VT	Essex County	44.7	288.3
TX	Rockwall County	32.9	263.6	VT	Franklin County	44.9	287.0
TX	Runnels County	31.8	260.0	VT	Grand Isle County	44.8	286.7
TX	Rusk County	32.2	265.2	VT	Lamoille County	44.6	287.4
TX	Sabine County	31.3	266.1	VT	Orange County	44.0	287.6
TX	San Augustine County	31.4	265.8	VT	Orleans County	44.8	287.8
TX	San Jacinto County	30.6	264.9	VT	Rutland County	43.6	286.9
TX	San Patricio County	28.0	262.5	VT	Washington County	44.2	287.4
TX	San Saba County	31.2	261.2	VT	Windham County	43.0	287.3
TX	Schleicher County	30.9	259.5	VT	Windsor County	43.6	287.5
TX	Scurry County	32.7	259.0	VA	Accomack County	37.8	284.4
TX	Shackelford County	32.7	260.7	VA	Albemarle County	38.0	281.5
TX	Shelby County	31.8	265.9	VA	Alleghany County	37.8	280.0
TX	Sherman County	36.3	258.1	VA	Amelia County	37.3	282.0
TX	Smith County	32.3	264.7	VA	Amherst County	37.6	280.9
TX	Somervell County	32.2	262.2	VA	Appomattox County	37.4	281.2
TX	Starr County	26.5	261.2	VA	Arlington County	38.9	282.9
TX	Stephens County	32.7	261.1	VA	Augusta County	38.1	280.9
TX	Sterling County	31.8	259.0	VA	Bath County	38.0	280.3
TX	Stonewall County	33.2	259.8	VA	Bedford County	37.3	280.4
TX	Sutton County	30.5	259.4	VA	Bland County	37.1	278.9
TX	Swisher County	34.5	258.3	VA	Botetourt County	37.5	280.2
TX	Tarrant County	32.8	262.7	VA	Brunswick County	36.8	282.1
TX	Taylor County	32.4	260.2	VA	Buchanan County	37.3	278.0
TX	Terrell County	30.2	257.9	VA	Buckingham County	37.6	281.5
TX	Terry County	33.2	257.7	VA	Campbell County	37.2	280.9
TX	Throckmorton County	33.2	260.8	VA	Caroline County	38.0	282.6
TX	Titus County	33.2	265.0	VA	Carroll County	36.7	279.3
TX	Tom Green County	31.4	259.5	VA	Charles City County	37.3	282.9
TX	Travis County	30.3	262.2	VA	Charlotte County	37.0	281.4
TX	Trinity County	31.0	264.8	VA	Chesterfield County	37.4	282.5
TX	Tyler County	30.8	265.6	VA	Clarke County	39.1	282.0
TX	Upshur County	32.7	265.1	VA	Craig County	37.5	279.8
TX	Upton County	31.3	257.9	VA	Culpeper County	38.5	282.0
TX	Uvalde County	29.3	260.3	VA	Cumberland County	37.5	281.7
TX	Val Verde County	29.6	259.0	VA	Dickenson County	37.1	277.6
TX	Van Zandt County	32.6	264.2	VA	Dinwiddie County	37.1	282.4
TX	Victoria County	28.8	263.0	VA	Essex County	37.9	283.1
TX	Walker County	30.7	264.5	VA	Fairfax County	38.8	282.8
TX	Waller County	30.0	264.0	VA	Fauquier County	38.7	282.2
TX	Ward County	31.5	257.0	VA	Floyd County	36.9	279.6
TX	Washington County	30.2	263.6	VA	Fluvanna County	37.9	281.7
TX	Webb County	27.6	260.6	VA	Franklin County	37.0	280.1
TX	Wharton County	29.3	263.8	VA	Frederick County	39.2	281.8
TX	Wheeler County	35.4	259.7	VA	Giles County	37.3	279.3
TX	Wichita County	33.9	261.4	VA	Gloucester County	37.4	283.5
TX	Wilbarger County	34.1	260.8	VA	Goochland County	37.7	282.1
TX	Willacy County	26.5	262.2	VA	Grayson County	36.6	278.8
TX	Williamson County	30.6	262.3	VA	Greene County	38.3	281.5
TX	Wilson County	29.2	261.9	VA	Greensville County	36.7	282.4
TX	Winkler County	31.8	256.9	VA	Halifax County	36.7	281.1
TX	Wise County	33.2	262.3	VA	Hanover County	37.7	282.6
TX	Wood County	32.8	264.6	VA	Henrico County	37.6	282.5
TX	Yoakum County	33.1	257.2	VA	Henry County	36.7	280.1
TX	Young County	33.2	261.3	VA	Highland County	38.4	280.4
TX	Zapata County	27.0	260.8	VA	Isle of Wight County	36.9	283.3
TX	Zavala County	28.9	260.2	VA	James City County	37.3	283.2
UT	Beaver County	38.3	247.0	VA	King and Queen County	37.7	283.1
UT	Box Elder County	41.6	247.5	VA	King George County	38.3	282.8
UT	Cache County	41.8	248.2	VA	King William County	37.7	283.0
UT	Carbon County	39.6	249.2	VA	Lancaster County	37.7	283.5
UT	Daggett County	40.9	250.5	VA	Lee County	36.7	276.9

State	County			State	County		
VA	Loudoun County	39.1	282.4	WA	Cowlitz County	46.2	237.3
VA	Louisa County	38.0	282.0	WA	Douglas County	47.7	240.1
VA	Lunenburg County	36.9	281.8	WA	Ferry County	48.5	241.5
VA	Madison County	38.4	281.7	WA	Franklin County	46.4	241.0
VA	Mathews County	37.4	283.7	WA	Garfield County	46.4	242.5
VA	Mecklenburg County	36.7	281.7	WA	Grant County	47.2	240.6
VA	Middlesex County	37.6	283.5	WA	Grays Harbor County	47.1	236.2
VA	Montgomery County	37.2	279.6	WA	Island County	48.2	237.4
VA	Nelson County	37.8	281.1	WA	Jefferson County	47.9	236.8
VA	New Kent County	37.5	283.0	WA	King County	47.5	237.8
VA	Northampton County	37.4	284.1	WA	Kitsap County	47.6	237.4
VA	Northumberland County	37.9	283.6	WA	Kittitas County	47.1	239.3
VA	Nottoway County	37.1	281.9	WA	Klickitat County	45.9	239.0
VA	Orange County	38.2	281.9	WA	Lewis County	46.6	237.3
VA	Page County	38.6	281.5	WA	Lincoln County	47.6	241.6
VA	Patrick County	36.7	279.7	WA	Mason County	47.3	236.9
VA	Pittsylvania County	36.8	280.6	WA	Okanogan County	48.5	240.4
VA	Powhatan County	37.6	282.1	WA	Pacific County	46.5	236.2
VA	Prince Edward County	37.2	281.6	WA	Pend Oreille County	48.5	242.7
VA	Prince George County	37.2	282.7	WA	Pierce County	47.2	237.6
VA	Prince William County	38.7	282.6	WA	San Juan County	48.6	237.0
VA	Pulaski County	37.1	279.3	WA	Skagit County	48.5	237.8
VA	Rappahannock County	38.7	281.8	WA	Skamania County	45.9	238.0
VA	Richmond County	37.9	283.3	WA	Snohomish County	48.0	237.9
VA	Roanoke County	37.3	280.0	WA	Spokane County	47.7	242.6
VA	Rockbridge County	37.8	280.6	WA	Stevens County	48.4	242.2
VA	Rockingham County	38.5	281.2	WA	Thurston County	47.0	237.2
VA	Russell County	36.9	277.9	WA	Wahkiakum County	46.3	236.5
VA	Scott County	36.7	277.4	WA	Walla Walla County	46.1	241.6
VA	Shenandoah County	38.9	281.4	WA	Whatcom County	48.8	237.6
VA	Smyth County	36.8	278.4	WA	Whitman County	46.9	242.6
VA	Southampton County	36.7	282.9	WA	Yakima County	46.5	239.5
VA	Spotsylvania County	38.2	282.4	WV	Barbour County	39.1	280.0
VA	Stafford County	38.4	282.6	WV	Berkeley County	39.5	282.0
VA	Surry County	37.1	283.1	WV	Boone County	38.1	278.3
VA	Sussex County	36.9	282.7	WV	Braxton County	38.7	279.3
VA	Tazewell County	37.1	278.4	WV	Brooke County	40.3	279.4
VA	Warren County	38.9	281.8	WV	Cabell County	38.4	277.7
VA	Washington County	36.7	278.0	WV	Calhoun County	38.9	278.9
VA	Westmoreland County	38.2	283.2	WV	Clay County	38.5	278.9
VA	Wise County	37.0	277.4	WV	Doddridge County	39.3	279.3
VA	Wythe County	36.9	278.9	WV	Fayette County	38.0	278.9
VA	York County	37.2	283.5	WV	Gilmer County	38.9	279.2
VA	Alexandria city	38.8	282.9	WV	Grant County	39.1	280.8
VA	Bedford city	37.3	280.5	WV	Greenbrier County	37.9	279.5
VA	Bristol city	36.6	277.8	WV	Hampshire County	39.3	281.4
VA	Buena Vista city	37.7	280.6	WV	Hancock County	40.5	279.4
VA	Charlottesville city	38.0	281.5	WV	Hardy County	39.0	281.1
VA	Chesapeake city	36.8	283.7	WV	Harrison County	39.3	279.7
VA	Clifton Forge city	37.8	280.2	WV	Jackson County	38.8	278.3
VA	Colonial Heights city	37.3	282.6	WV	Jefferson County	39.3	282.2
VA	Covington city	37.8	280.0	WV	Kanawha County	38.3	278.4
VA	Danville city	36.6	280.6	WV	Lewis County	39.0	279.5
VA	Emporia city	36.7	282.5	WV	Lincoln County	38.2	277.9
VA	Fairfax city	38.9	282.7	WV	Logan County	37.8	278.0
VA	Falls Church city	38.9	282.8	WV	McDowell County	37.4	278.4
VA	Franklin city	36.7	283.1	WV	Marion County	39.5	279.8
VA	Fredericksburg city	38.3	282.5	WV	Marshall County	39.9	279.3
VA	Galax city	36.7	279.1	WV	Mason County	38.8	278.0
VA	Hampton city	37.0	283.6	WV	Mercer County	37.3	278.8
VA	Harrisonburg city	38.4	281.1	WV	Mineral County	39.4	281.1
VA	Hopewell city	37.3	282.7	WV	Mingo County	37.7	277.8
VA	Lexington city	37.8	280.6	WV	Monongalia County	39.6	280.0
VA	Lynchburg city	37.4	280.8	WV	Monroe County	37.6	279.4
VA	Manassas city	38.8	282.5	WV	Morgan County	39.6	281.7
VA	Manassas Park city	38.8	282.5	WV	Nicholas County	38.3	279.2
VA	Martinsville city	36.7	280.1	WV	Ohio County	40.1	279.3
VA	Newport News city	37.1	283.5	WV	Pendleton County	38.7	280.7
VA	Norfolk city	36.9	283.7	WV	Pleasants County	39.4	278.8
VA	Norton city	36.9	277.4	WV	Pocahontas County	38.3	280.0
VA	Petersburg city	37.2	282.6	WV	Preston County	39.5	280.3
VA	Poquoson city	37.1	283.6	WV	Putnam County	38.5	278.1
VA	Portsmouth city	36.8	283.7	WV	Raleigh County	37.8	278.8
VA	Radford city	37.1	279.4	WV	Randolph County	38.8	280.1
VA	Richmond city	37.5	282.5	WV	Ritchie County	39.2	278.9
VA	Roanoke city	37.3	280	WV	Roane County	38.7	278.6
VA	Salem city	37.3	279.9	WV	Summers County	37.7	279.2
VA	Staunton city	38.2	280.9	WV	Taylor County	39.3	280.0
VA	Suffolk city	36.7	283.4	WV	Tucker County	39.1	280.4
VA	Virginia Beach city	36.8	283.9	WV	Tyler County	39.5	279.1
VA	Waynesboro city	38.1	281.1	WV	Upshur County	38.9	279.8
VA	Williamsburg city	37.3	283.3	WV	Wayne County	38.2	277.5
VA	Winchester city	39.2	281.8	WV	Webster County	38.5	279.6
WA	Adams County	47.0	241.3	WV	Wetzel County	39.6	279.3
WA	Asotin County	46.3	242.9	WV	Wirt County	39.0	278.6
WA	Benton County	46.2	240.6	WV	Wood County	39.3	278.5
WA	Chelan County	47.6	239.6	WV	Wyoming County	37.6	278.5
WA	Clallam County	48.1	236.2	WI	Adams County	44.0	270.2
WA	Clark County	45.7	237.5	WI	Ashland County	46.3	269.3
WA	Columbia County	46.3	242.0	WI	Barron County	45.4	268.2

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

WI	Bayfield County	46.5	268.8		WY	Washakie County	44.0	252.3
WI	Brown County	44.5	272.0		WY	Weston County	43.9	255.4
WI	Buffalo County	44.4	268.2		PR	Adjuntas Municipio	18.2	293.3
WI	Burnett County	45.9	267.6		PR	Aguada Municipio	18.4	292.8
WI	Calumet County	44.1	271.8		PR	Aguadilla Municipio	18.5	292.9
WI	Chippewa County	45.0	268.7		PR	Aguas Buenas Municipio	18.3	293.9
WI	Clark County	44.8	269.4		PR	Aibonito Municipio	18.1	293.7
WI	Columbia County	43.5	270.7		PR	A±asco Municipio	18.3	292.9
WI	Crawford County	43.2	269.0		PR	Arecibo Municipio	18.4	293.3
WI	Dane County	43.1	270.6		PR	Arroyo Municipio	18.0	293.9
WI	Dodge County	43.4	271.3		PR	Barceloneta Municipio	18.5	293.4
WI	Door County	45.0	272.7		PR	Barranquitas Municipio	18.2	293.7
WI	Douglas County	46.5	268.1		PR	Bayam?n Municipio	18.4	293.8
WI	Dunn County	44.9	268.1		PR	Cabo Rojo Municipio	18.1	292.8
WI	Eau Claire County	44.8	268.6		PR	Caguas Municipio	18.2	294.0
WI	Florence County	45.8	271.6		PR	Camuy Municipio	18.4	293.1
WI	Fond du Lac County	43.8	271.5		PR	Can?vanas Municipio	18.4	294.1
WI	Forest County	45.6	271.2		PR	Carolina Municipio	18.4	294.0
WI	Grant County	42.9	269.3		PR	Cata±o Municipio	18.4	293.9
WI	Green County	42.7	270.4		PR	Cayey Municipio	18.1	293.8
WI	Green Lake County	43.8	271.0		PR	Ceiba Municipio	18.3	294.3
WI	Iowa County	43.0	269.9		PR	Ciales Municipio	18.3	293.5
WI	Iron County	46.3	269.8		PR	Cidra Municipio	18.2	293.8
WI	Jackson County	44.3	269.1		PR	Coamo Municipio	18.1	293.6
WI	Jefferson County	43.0	271.2		PR	Comer?o Municipio	18.2	293.8
WI	Juneau County	43.9	269.9		PR	Corozal Municipio	18.3	293.7
WI	Kenosha County	42.6	272.0		PR	Culebra Municipio	18.3	294.7
WI	Kewaunee County	44.5	272.4		PR	Dorado Municipio	18.4	293.7
WI	La Crosse County	43.9	268.8		PR	Fajardo Municipio	18.3	294.3
WI	Lafayette County	42.7	269.9		PR	Florida Municipio	18.4	293.4
WI	Langlade County	45.2	270.9		PR	Gußnica Municipio	18.0	293.1
WI	Lincoln County	45.3	270.3		PR	Guayama Municipio	18.0	293.9
WI	Manitowoc County	44.1	272.2		PR	Guayanilla Municipio	18.0	293.2
WI	Marathon County	44.9	270.3		PR	Guaynabo Municipio	18.4	293.9
WI	Marinette County	45.3	272.1		PR	Gurabo Municipio	18.3	294.0
WI	Marquette County	43.8	270.6		PR	Hatillo Municipio	18.4	293.2
WI	Menominee County	44.9	271.4		PR	Hormigueros Municipio	18.1	292.9
WI	Milwaukee County	43.0	272.0		PR	Humacao Municipio	18.1	294.2
WI	Monroe County	43.9	269.4		PR	Isabela Municipio	18.5	293.0
WI	Oconto County	45.0	271.8		PR	Jayuya Municipio	18.2	293.4
WI	Oneida County	45.7	270.5		PR	Juana D?az Municipio	18.0	293.5
WI	Outagamie County	44.3	271.6		PR	Juncos Municipio	18.2	294.1
WI	Ozaukee County	43.3	272.1		PR	Lajas Municipio	18.0	293.0
WI	Pepin County	44.6	268.0		PR	Lares Municipio	18.3	293.1
WI	Pierce County	44.7	267.5		PR	Las Mar?as Municipio	18.2	293.0
WI	Polk County	45.5	267.5		PR	Las Piedras Municipio	18.2	294.1
WI	Portage County	44.5	270.5		PR	Lo?za Municipio	18.4	294.1
WI	Price County	45.7	269.6		PR	Luquillo Municipio	18.4	294.3
WI	Racine County	42.7	272.0		PR	Manat? Municipio	18.4	293.5
WI	Richland County	43.4	269.6		PR	Maricao Municipio	18.2	293.0
WI	Rock County	42.7	271.0		PR	Maunabo Municipio	18.0	294.1
WI	Rusk County	45.4	268.9		PR	Mayag?ez Municipio	18.2	292.9
WI	St. Croix County	45.0	267.5		PR	Moca Municipio	18.4	292.9
WI	Sauk County	43.4	270.1		PR	Morovis Municipio	18.3	293.6
WI	Sawyer County	45.9	268.7		PR	Naguabo Municipio	18.2	294.3
WI	Shawano County	44.8	271.2		PR	Naranjito Municipio	18.3	293.7
WI	Sheboygan County	43.7	272.1		PR	Orocovis Municipio	18.2	293.6
WI	Taylor County	45.2	269.5		PR	Patillas Municipio	18.0	294.0
WI	Trempealeau County	44.3	268.6		PR	Pe±uelas Municipio	18.1	293.3
WI	Vernon County	43.6	269.2		PR	Ponce Municipio	18.0	293.4
WI	Vilas County	46.0	270.5		PR	Quebradillas Municipio	18.5	293.1
WI	Walworth County	42.6	271.5		PR	Rinc?n Municipio	18.3	292.8
WI	Washburn County	45.9	268.2		PR	R?o Grande Municipio	18.4	294.2
WI	Washington County	43.4	271.8		PR	Sabana Grande Municipio	18.1	293.1
WI	Waukesha County	43.0	271.7		PR	Salinas Municipio	18.0	293.7
WI	Waupaca County	44.5	271.0		PR	San Germßn Municipio	18.1	293.0
WI	Waushara County	44.1	270.7		PR	San Juan Municipio	18.4	293.9
WI	Winnebago County	44.1	271.4		PR	San Lorenzo Municipio	18.2	294.0
WI	Wood County	44.4	270.0		PR	San Sebastißn Municipio	18.3	293.0
WY	Albany County	41.4	254.3		PR	Santa Isabel Municipio	18.0	293.6
WY	Big Horn County	44.5	251.9		PR	Toa Alta Municipio	18.4	293.8
WY	Campbell County	44.1	254.5		PR	Toa Baja Municipio	18.4	293.8
WY	Carbon County	41.7	253.1		PR	Trujillo Alto Municipio	18.3	294.0
WY	Converse County	42.9	254.5		PR	Utuado Municipio	18.3	293.3
WY	Crook County	44.6	255.4		PR	Vega Alta Municipio	18.4	293.7
WY	Fremont County	43.1	251.3		PR	Vega Baja Municipio	18.4	293.6
WY	Goshen County	42.1	255.7		PR	Vieques Municipio	18.1	294.5
WY	Hot Springs County	43.7	251.7		PR	Villalba Municipio	18.1	293.5
WY	Johnson County	44.1	253.4		PR	Yabucoa Municipio	18.1	294.1
WY	Laramie County	41.2	255.2		PR	Yauco Municipio	18.1	293.1
WY	Lincoln County	42.2	249.3					
WY	Natrona County	42.9	253.5					
WY	Niobrara County	43.0	255.5					
WY	Park County	44.6	251.0					
WY	Platte County	42.2	255.1					
WY	Sheridan County	44.8	253.0					
WY	Sublette County	42.8	250.0					
WY	Sweetwater County	41.6	250.8					
WY	Teton County	43.6	249.3					
WY	Uinta County	41.3	249.4					

Source: US Census Bureau. Data is provided "as-is". Not responsible for errors.

Appendix B: Table of time zone difference from UTC

Time Zone	Major Cities	Symbol	Difference from UTC
Atlantic Time	San Juan	AST	-4
Eastern Time	Boston, New York, Washington DC, Miami	EST	-5
Central Time	Minneapolis, New Orleans, Houston, Chicago	CST	-6
Mountain Time	Salt Lake City, Boise, Denver	MST	-7
Pacific Time	Seattle, San Francisco, Los Angeles, Las Vegas	PST	-8
Alaska Time	Fairbanks	AKST	-9
Hawaii-Aleutian Time	Honolulu	HAST	-10

Enter the difference from UTC (Coordinated Universal Time)/GMT (Greenwich Mean Time) for your time zone when you configure the Professional Weather Station as par section 3.1. Do not consider daylight saving time when making this entry. Follow instuctions for setting the status of daylight saving time as a separate entry.

Appendix C: Service and Warrenty information

Appendix C: Warranty and Service information

This product is sold and serviced in North America by P3 International Corporation under the following conditions:

P3 INTERNATIONAL CORPORATION LIMITED WARRANTY

P3 INTERNATIONAL CORPORATION ("P3") warrants to the original retail purchaser only, that its product is free from defects in material or workmanship under the condition of normal use and service for a period of six (6) months from the date of purchase. In the event that a defect, malfunction or failure occurs or is discovered during the warranty period, P3 will repair or replace at its option the product or component part(s) which shall appear in the reasonable judgment of P3 to be defective or not to factory specifications. A product requiring service is to be returned to P3 along with the sales receipt or other proof of purchase acceptable to P3 and a statement describing the defect or malfunction. All transportation costs shall be borne by the owner and the risk of loss shall be upon the party initiating the transportation. All items repaired or replaced thereunder shall be subjected to the same limited warranty for a period of six (6) months from the day P3 ships the repaired or replaced product. The warranty does not apply to any product that has been subject to misuse, tampering, neglect, or accident or as a result of unauthorized alterations or repairs to the product. This warranty is void if the serial number (if any) has been removed, altered, or defaced. This warranty is in lieu of all warranties expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose which are expressly excluded or disclaimed. P3 shall not be responsible for consequential, incidental or other damages, and P3 expressly excludes and disclaims liability for any damages resulting from the use, operation, improper application, malfunction or defeat of any P3 product covered by this limited warranty. P3's obligation is strictly and exclusively limited to the replacement or repair of any defective product or component part(s). Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. P3 does not assume or authorize anyone to assume for it any other obligation whatsoever. Some states do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you. It is the owner/user's responsibility to comply with local, state, or federal regulations, if any, that may pertain to P3 products or their use. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

If you experience difficulty in the operation of your unit, or if your unit requires repair please contact:

P3 INTERNATIONAL CORPORATION
TECHNICAL SUPPORT
Tel: 212-741-7289
Fax: 212-741-2288

Email: techsupport@p3international.com