ELV®

Operating Instructions

Weather station „WS 200US"

ELV Electronics Ltd. · Hongkong

These operating instructions belong with this product. They contain important information for putting it into service and operating it. This should be noted also when this product is passed on to a third party.

Therefore look after these operating instructions for future reference!
A list of contents with the corresponding page numbers can be found in the index on page 4.

Introduction

Dear Customer,

Thank you for purchasing this product.

The product has been EMC-tested and thus meets the requirements of the valid national guidelines. See also FCC Information.

In order to maintain this condition and ensure safe operation, you, as the user, have to observe this operating manual.

Prior to using the product for the first time, please read the entire operating manual and observe all operating and safety instructions.

☞ We should already like to point out now the correct order for commissioning the products. Please also observe the installation and calibration instructions in this operating manual as well as the information about impairment of radio transmission between the sensors and base station.

All company names and product descriptions listed herein are the trademarks of the respective manufacturers. All rights are reserved.

Table of Contents

4

1. Intended Use

The Weather Station WS 200US is a high-quality universal weather measuring system which is able to process a large number of weather data and additional information and can indicate both current values and forecasts.

All relevant data are simultaneously presented on the LC display, further data can be indicated by pressing a key.

A special feature is the figure of the "Wiz Kid". The clothes he wears show the current outdoor temperature range, his hair and scarf reflect the range of the current wind speed and his umbrella indicates prognosticated rain.

The forecasts of the basis station are to be considered orientation values. They do not represent an absolutely accurate prognosis. The manufacturer does not take over any responsibility for incorrect indications, measured values or weather forecasts and the consequences thereof.

This product is designed for private use and is not suitable for medical purposes or for informing the public.

The components of this product are not a toy, they contain fragile glass and ceramic parts.

Set up all the components in such a manner that they are out of the reach of children.

The product is operated by batteries. All external sensors transmit their data to the base station via radio in the range of 433 MHz (coverage up to 100m in the free field).

Use other than that described above will lead to damage to the product.

Please read the complete operating instructions before use. They contain important information for correct installation, functioning and operation.

2. Scope of Delivery

• Weather Station WS 200US

• Plastic foot for the weather station

• Operating instructions

3. Explanation of Symbols

The symbol with the lightening in the triangle is used when your health is at risk, e.g. through an electric shock

An exclamation mark in a triangle indicates important information in these operating instructions which must be observed without fail.

The "hand" symbol can be found when you are to be given tips and information on operation.

4. Features and Functions

a) Base Station

Indication of indoor temperature and air humidity

- temperature indication in °C or °F / air-humidity indication in % rH (% relative air humidity))
- can be switched to the indication of the inside dew point
- storage of minimum/maximum temperatures with the corresponding times/dates of measurement
- storage of minimum/maximum air humidity with the corresponding times/dates of measurement
- Climatic comfort zone indicator
- graphical representation of the march of temperature over the last 24 hours

Indication of an outdoor sensor (temperature and air humidity)

- indication of the data of the multipurpose sensor or of the 8 outdoor sensors for temperature/air humidity
- optional indication of temperature, dew point or perceived temperature (windchill)
- storage of minimum and maximum temperatures with the corresponding times/dates of measurement
- storage of minimum and maximum air humidity with the corresponding times/dates of measurement
- Graphical representation of the march of temperature over the last 24 hours

Indication of wind speed

- wind speed indication with selectable units: km/h, m/s, mph
- storage of the maximum wind speed values with the corresponding times/dates of measurement
- additional graphical representation (wind cone) for light, moderate and strong winds

Indication of the march of air pressure/indication of the tendency of air pressure

- graphical representation of the pressure march over the last 24 hours
- storage of the minimum and maximum air pressure values with the corresponding times/dates of measurement
- indication of the tendency of air pressure in 5 different steps: strongly increasing, increasing, unchanging, decreasing, strongly decreasing

Symbol indication of the weather forecast

- symbols for: rainy, cloudy, bright, sunny

Indication of time and date

- integrated quartz clock

Indication of sunrise and sunset

- based on the locations which are to be entered individually, a calculation is possible in the range from -60°N to +60°N

Indication of the phases of the moon

- indication of the current phase of the moon in 8 steps: new moon, waxing moon, full moon, waning moon (with intermediate steps)

Warning functions

- frost warning for a temperature decreasing below 4°C (symbol: ice crystal)
- storm warning for a sharp air pressure decrease within a short period of time (symbol: danger sign)

”Wiz Kid” weather indicator

Following the almost forgotten weather house, in which a person with an umbrella steps out of the door in case of bad weather and a person lightly dressed appears in case of good weather, the WS 200US is provided with the ”Wiz Kid”.
The behaviour of this figure depends on various weather factors so that you can see at a glance which dressing you should put on if you want to go outside.
This indicator does not only reflect the current measured values for outdoor temperature, air humidity and wind, but also the weather forecast data.

☞ Therefore, many different presentations and kinds of clothing of ”Wiz Kid” are provided and shown according to the weather situation.

- The clothing of ”Wiz Kid” depends on the outdoor temperature measured at the multipurpose sensor and ranges from swimming shorts up to the complete winter dressing including a cap, a muffler and gloves.
- At wind speeds higher than 20 km/h (moderate wind) the hair of ”Wiz Kid” blow in the wind and if he has put a muffler on – dependent on the temperature, too – it also blows in the wind.
- If the weather forecast predicts rain, the ”Wiz Kid” will take his umbrella with him.

b) Multipurpose Sensor

- Radio transmission of:
  - wind speed
  - temperature
  - air humidity

C) Outdoor Sensor

- Radio transmission of:
  - temperature
  - air humidity

5. Safety Instructions

The warranty will lapse for damage due to non-compliance with these operating instructions. We shall not be held liable for any consequential damage or loss!

We shall not accept liability for damage to property or personal injury caused by incorrect handling or non-compliance with the safety instructions. Any claim to warranty will lapse in such cases.

Dear Customer, the following safety and risk instructions are intended not only for the protection of your health but also for the protection of the device. Please read through the following points attentively:

Do not use this product in hospitals or medical institutions. The outdoor sensor does only emit relatively weak radio signals. These radio signals could, however, lead to malfunctions in life-supporting systems. The same may possibly apply to other areas.

The weather station is only designed for dry rooms. Do not expose it to direct sunlight, high temperatures, coldness or excessive dampness and humidity.

The multipurpose sensor (and separately/additionally available outdoor sensors) is suitable for operation in non-protected outdoor areas.

For safety and licensing (CE) reasons, unauthorised conversion of and/or modifications to the product are not permitted.

Do not leave packaging material lying around carelessly. Plastic foil/bags and polystyrene parts etc. could become dangerous toys for children.

Handle the product with care. It can be damaged through impact, blows or by being dropped even from a low height.

6. Battery and Accumulator Information

- Batteries/accumulators must be kept out of the reach of children.

- Make sure that the batteries/accumulators are inserted with the correct polarity.

- Do not leave the batteries/accumulators lying around in the open; there is a risk of their being swallowed by children or domestic animals. If swallowed, immediately contact a doctor.

- Leaking or damaged batteries/accumulators can cause burning if they come into contact with the skin. For this reason you should use suitable protective gloves.

- Make sure that batteries/accumulators are not short-circuited or thrown into a fire. There is a risk of explosion!

- Never dismantle batteries/accumulators!

- Batteries may not be recharged. There is a risk of explosion!

- In case of longer periods of non-use (e.g. during storage) remove the inserted batteries/accumulators to avoid damage by a leaking battery/accumulator.

- Always replace the whole set of batteries/accumulators. Do not mix batteries/accumulators of different types/manufacturers.

- Never mix batteries with accumulators!

Please note:

The weather station, multipurpose sensor and possibly used outdoor sensors can be operated by accumulators. However, due to the lower voltage of accumulators (accumulator = 1.2 V, battery = 1.5 V) the operating life can be decreased. Moreover, the radio coverage will be reduced, in rare cases even malfunctions can be caused.

Therefore, the following rule applies:

If you face any problem during the operation based on accumulators, use batteries instead of them. We recommend you to operate the weather station, multipurpose sensor and possibly existing outdoor sensors only with high-quality alkaline batteries.

Please refer to chapter 16 for the environmental-friendly disposal of batteries and accumulators.

7. Preparation and Start-up

⚠️ **Please note:**

<u>First</u> start up all provided sensors (multipurpose sensor and possibly exist-ing outdoor sensors) (insert batteries) before starting up the weather station itself.

If you fail to follow this order of proceeding, it may be that the base station is not able to identify the provided sensors!

It is principally recommended to test the base station with all its sensors (supplied multipurpose sensor and possibly existing outdoor sensors) first in a room, before installing the sensors outside.

☞ The distance between the base station and the sensors must be at least 2m to avoid interference. Do not place the sensors side by side, but install them throughout the area (e.g. if you have purchased several additional sensors).

If you find out that one of the sensors is not received after the installation, you can take it for granted that the radio reception is too weak.

You avoid complex and time-consuming troubleshooting, if you perform this first functional test.

a) Start-up of the Multipurpose Sensor

- Open the housing of the multipurpose sensor. First, turn the lower cover of the housing a little bit towards the arrow as shown on the right **(1)** and then pull it carefully downwards **(2)**.

- There are two options to mount the sensor on a mast:

  1. Own installation mast, e.g. purchased in the DIY superstore

  2. Optionally available installation mast matched to the system (not included in the scope of delivery, is to be ordered separately)
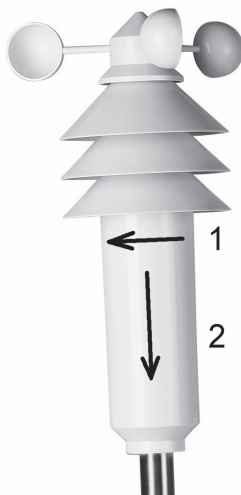
Fig. 1

Proceed as follows for mounting:

1. Own individual installation mast

- Screw out the two small screws at the bottom of the multipurpose sensor a little bit.

- Insert the supplied mounting rod of 25cm from into the multipurpose sensor the bottom in such a way that the two holes in the mounting rod are directly positioned under the screws.

- Then tighten the two screws carefully (screws are to be screwed into the holes of the mounting rod).

- The mast required must have a diameter of between 25mm and 45mm. It can either be a free mast or a mounting angle, e.g. for a satellite dish.

- Position the shaped aluminium part on one side of this mast/mounting angle and put a hose band clip over the two parts.

supplied
mounting rod

supplied shaped
aluminium part

mounting clip

installation mast

Fig. 2a

- Set the short mounting rod of the sensor against the other side of the shaped aluminium part (on the right side in Figure 2 above) and tighten the hose band clip by using a screwdriver.
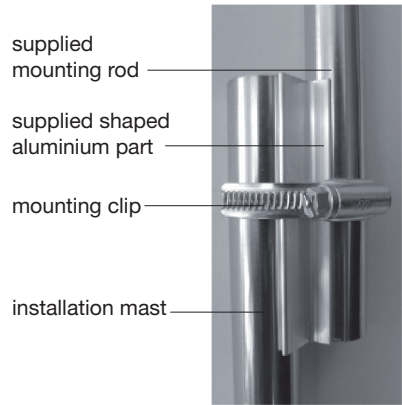
2. Optionally available installation mast (not included in the scope of delivery)

⚠️ If you want to drive the rod with the flat tip (serves as an earth tip) into the ground by means of a hammer, use a suited wooden clump in any case to protect the mast. Otherwise, the upper end of the rod will be damaged (installation of the sensor mast will not be possible any longer), guarantee will lapse!

- Assemble the single parts of the sensor mast. Plastic couplers combine the individual rods.

plastic coupler
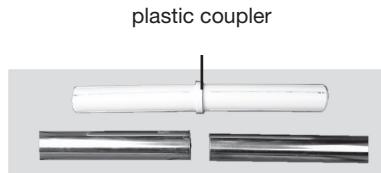
Fig. 2b

- The flat rod end serves as an earth tip.

- After the installation of the mast, insert three batteries (AA/Mignon) with the correct polarity into the battery compartment. You will find the corresponding image in the battery compartment (see also figure 3 on the right).

  If possible use alkaline batteries.

  ☞ As already described in chapter 6, accumulators can be used, too. They, however, can have a negative influence on the operating life, coverage and operational safety.

- During the following 5 minutes, the sensor is in the so called synchronisation mode in which it sends one data package every 4 seconds.
  During this period of time you should insert the batteries into the base station so that it can identify the sensor.

Fig. 3

- Then close the housing of the multipurpose sensor again, slide the cover upwards and lock it by turning it to the right (reverse direction than shown in Fig. 1).

- To avoid unnecessary long ways for checking the functions, the final positioning, e.g. in the garden, should be performed only after a successfully completed functional test as described at the beginning of this chapter.

  The correct location of the multipurpose sensor is decisive for obtaining the most accurate measuring values.

  ☞ The temperature sensor inside the housing of the multipurpose sensor is positioned at the top below the "umbrellas" in a ventilated area of the housing. Therefore, in direct sunlight only a slightly higher temperature value will be measured.

  Please ensure that the wind sensor at the tip of the multipurpose sensor is not positioned too close to houses, trees etc., because this could falsify the measured values of the wind speed.

  That's why, the multipurpose sensor should be set up in a free space, e.g. in the garden.

- The mast must firmly stick in the soil with the multipurpose sensor being positioned approximately 2 m above the ground.

  ⚠ **When selecting the place of installation, consider the safety for children, pets, vehicles etc.**

  If the multipurpose sensor falls down, there is risk of injury or damage to vehicles or other objects.

  Make sure that there are no pipes (e.g. hose pipes for irrigating systems or similar) at the place where the earth rod is inserted/driven into the ground.

b) Start-up of Other Sensors

If you want to use several additional temperature/air humidity sensors suited to the Weather Station WS 200US, insert the batteries into the sensor(s) now. A maximum number of 8 of such sensors can be operated.

The installation, addressing and start-up of the sensor is to be performed according to their operating instructions.

c) Start-up of the Base Station

The base station is designed to indicate all registered and calculated data on a clearly arranged LC display. The sensors for indoor use (temperature, air humidity, air pressure) are also included in the housing of the base station.

For this reason, ensure during the start-up or installation of the base station that a heating or ventilation system (e.g. an air-conditioning system) is not in its proximity, because false data could be indicated in such a case. Avoid direct sunlight, too!

Keep to the following order of steps during the start-up:

• Open the battery compartment on the back side of the base station (remove the foot first, if necessary!).

• Insert four batteries (AA/Mignon) in the battery compartment paying attention to the correct polarity. You will find the corresponding image in the battery compartment (see also figure 4 on the right).

  If possible use alkaline batteries.

  ☞ As already described in chapter 6, accumulators can be used, too. They, however, can have a negative influence on the operating life, coverage and operational safety.

• Close the battery compartment again.

• If the batteries are inserted, all segments of the LC display will be shown briefly.

Fig. 4

• Afterwards, the base station activates the synchronisation mode for 15 minutes. In this period of time all sensors received will be indicated one after the other.

  ☞ If all your installed sensors have already been received, you can cause a premature exit of the synchronisation mode by pressing any button, provided that all sensors have already completed their own synchronisation mode.
  If you face any problem in the identification of one sensor, you should wait as long as the synchronisation time is finished. This process takes 15 minutes.

• After the synchronisation, the normal display of all weather data is shown.

☞   Only sunrise and sunset as well as the phase of the moon have not been indicated yet, because time and data are to be set before.

• Configure the base station as described in chapter 9 ”Configuration and Operation”.

• The base station can either be hung up on the wall (a suited opening is provided on the back side) or placed on a foot onto a surface.

⚠   I**f you drive a nail into the wall or drill a hole for a plug with screw for this purpose, pay attention that no power, gas or water pipes can be damaged, grave danger!**

• If you want to use the foot, first put the front central spike of the foot into the supports on the back side of the base station. Then, swing the foot a little bit back till the two rear spikes lock into the catch supports at the bottom of the base station.

d) Registration of Sensors during Normal Operation

When starting up the product, all available suited sensors are registered at the base station in the synchronisation mode and then received during normal operation
(time required for the synchronisation of the base station takes about 15 minutes after inserting the batteries, time required for the synchronisation of the sensors takes about 5 minutes after inserting the batteries).

To register further new, additionally purchased sensors (or sensors lost during the battery replacement) you do not need to follow the procedure of the initial start-up.

☞   All data saved (minimum and maximum values, time etc.) would be lost during this kind of proceeding.

Every day, the base station performs a synchronisation test at 8 a.m. and 6 p.m. so that it can identify new sensors (or a sensor with battery replacement) automatically.

☞   But if the new sensor is not indicated, the problem may be found in the coverage (see chapter 12 ”Coverage”).

8. Indications of the LC Display
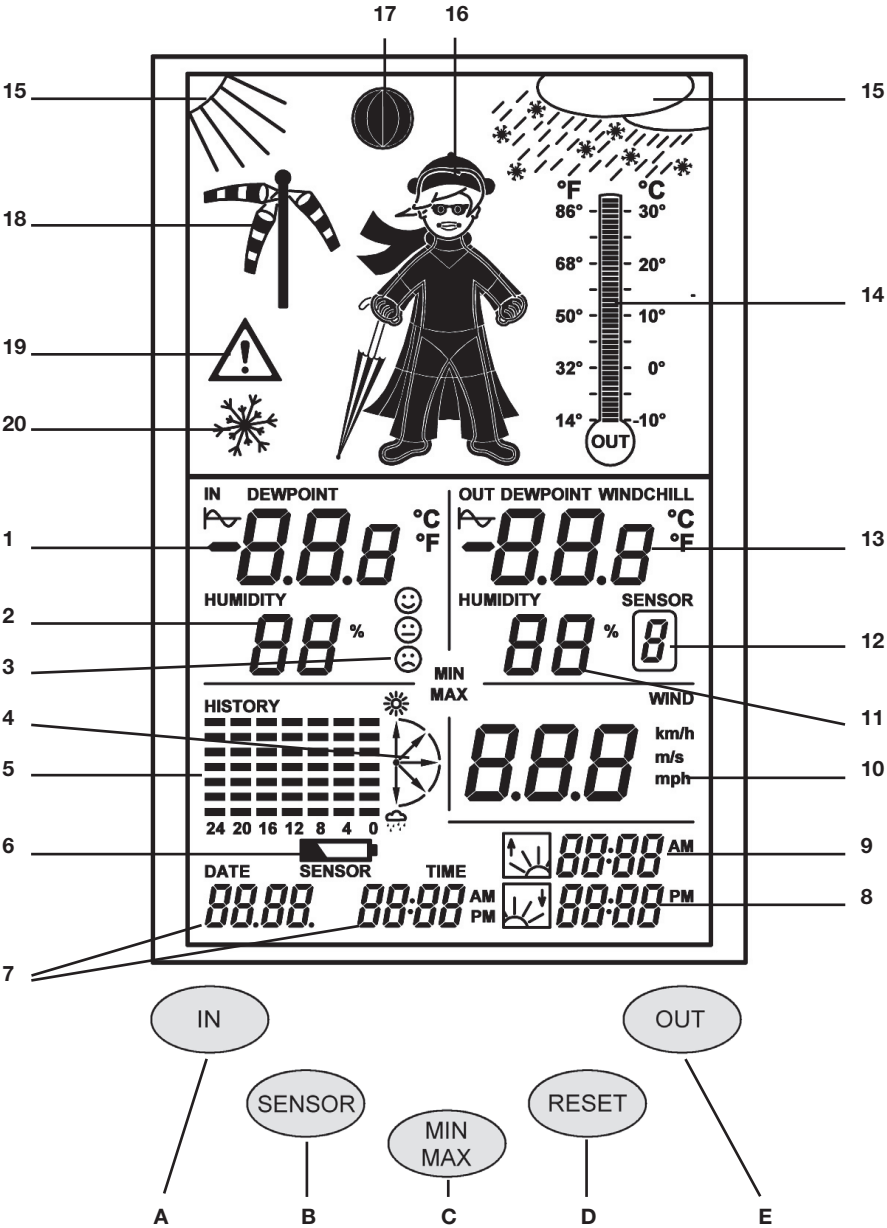
1   indoor temperature

2   indoor air humidity

3   comfort zone indicator (for indicating comfortable/uncomfortable climate)

4   indication of the air pressure tendency

5   graphical presentation of the march (history), according to the unit selected

6   indication of empty battery ("LoBat")

7   time and date indication

8   sunset time

9   sunrise time

10   current wind speed

11   current air-humidity value of the selected outdoor sensor

12   sensor number (no indication, if the multipurpose sensor has been selected)

13   current temperature value of the selected outdoor sensor

14   analogue temperature indication of the multipurpose sensor

15   symbols for the weather forecast (sunny, bright, cloudy, rainy)

16   animated "Wiz Kid" symbol

17   symbol for the phase of the moon

18   additional graphical representation (wind cone) for light, moderate and strong winds

19   bad weather warning

20   frost warning

Control key functions in normal operation (see chapter "Configuration" for further functions):

A   IN   Switching the indoor temperature indication between temperature/dew point

B   SENSOR   Selection of the outdoor sensor

C   MIN/MAX   Selection of the minimum or maximum value indication

D   RESET   No function

E   OUT   Switching the outdoor temperature indication between
temperature/dew point/windchill

Other symbols/terms:

↦   Indicates that this value is presented in the march indication (5)

DEWPOINT   Dew point

WIND CHILL   Perceived temperature

MIN/MAX   Minimum or maximum indication is active

9. Configuration and Operation

When the batteries have been inserted into the sensors and the batteries have been inserted subsequently into the base station (this order is to be strictly followed), the data transmitted via radio by the sensors should appear in the LC display of the base station.

a) Basic Settings, Configuration

The following settings are still required for operation:

• year, month, day, hour, minute

• latitude and longitude degrees of your location

• time zone

☞ Only after these settings, the phase of the moon, MIN-/MAX-data and the sunrise/sunset times as well as the date and time will be indicated.

Additional setting options:

• assignment of the march indication (air pressure, indoor or outdoor temperature; standard: air pressure)

• unit of the temperature measurement (standard: °C)

• unit of the wind speed measurement (standard: km/h)

In the configuration mode the keys have the following functions:

Imprint	Function	Description
IN		(not used, no function)
SENSOR	-	Decrease value
MIN/MAX	EXIT	Exit the configuration mode
RESET	+	Increase value
OUT	NEXT	Go to next setting

Next

IN   OUT

-        Exit   +

SENSOR   MIN MAX   RESET

This key layout is also given on the back side of the weather station.

☞ **Please note:**

If you press the **+** or **-** key during the individual settings a little bit longer, the values will be changed rapidly.

After each setting procedure you can exit the configuration mode by pressing the **EXIT** key or you can go the the next setting by activating the **NEXT** key.

The configuration is performed according to the following order:

year ✱ month ✱ day ✱ minutes ✱ hours ✱ latitude degree (LA = latitude) ✱ Längengrad (LO = "Longitude") ✱ Zeitzone (ti) ✱ assignment of the march indication ✱ temperature unit ✱ wind unit

☞ Afterwards, the setting order restarts from the beginning.
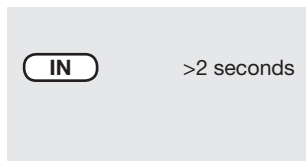
Calling-up the configuration mode

(IN) >2 seconds

Press the **IN** key for approx. 2 seconds till the display changes.
The configuration mode can be closed at any time by pressing the **EXIT** key (= MIN/MAX). See **"Exiting the Configuration Mode"**.
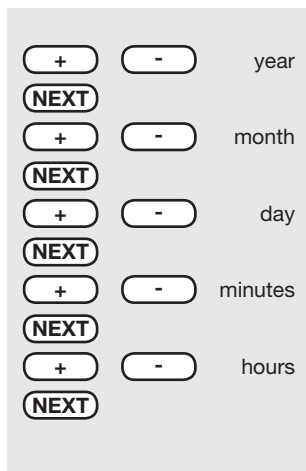
Setting the date and time

(+) (-) year
(NEXT)

Set the current year via the **+** and **-** keys.
Press the **NEXT** key.

(+) (-) month
(NEXT)

Set the month via the **+** and **-** keys.
Press the **NEXT** key.

(+) (-) day
(NEXT)

Set the day via the **+** and **-** keys.
Press the **NEXT** key.

(+) (-) minutes
(NEXT)

Set the minutes via the **+** and **-** keys.
Press the **NEXT** key.

(+) (-) hours
(NEXT)

Set the hours via the + and - keys.
Press the **NEXT** key, afterwards you can set the latitude degree (in the display appears LA = latitude). See next page.

Entering the degrees of latitude/longitude

The entry of the location of the weather station is required for the calculation of sunrise and sunset times.

The degree of latitude can be entered in the range from -60.0° to +60.0°.

The degree of longitude can be entered in the range from 0.0° to 360.0°.

The position of Washington D.C. is programmed by the manufacturer.

You can determine your location in different ways:

• You find a table with the coordinates of all US counties in the chapter "Position Table". Select a town close to you and enter its coordinates.

• If you possess a GPS navigation device, e.g. in your car or a mobile one, you can take over its location information and then you have your exact position.

• You can also get the exact coordinates via the Internet. It provides numerous pages which contain information on navigation.

Please consider the fact that the data for sunrise or sunset are only exact at the sea or for a totally even landscape. Hills, high forests etc. alter these values for your location.

Even for ideal positions the data may vary by some minutes, because an approximation formula is used for the calculation.

| (+) (-) latitude |

Set the degree of latitude via the **+** and **-** keys.
For example: 52.5°, entry: 525

(NEXT)

Press the **NEXT** key. Afterwards, the degree of longitude can be entered. In the display these data are indicated by LO (= longitude).

| (+) (-) longitude |

Set the degree of longitude via the **+** and **-** keys.
For example: 13.4°, entry: 0134

(NEXT)

Press the **NEXT** key. Now, set the time zone. "ti" is faded into the display.

Setting the time zone

The entry of the time zone is required for the calculation of sunrise and sunset times.
Enter the difference to the GMT (Greenwich Mean Time) = UTC (Universal Time).

In the appendix is a table showing the time zone difference from UTC for North America time zones.

(+) (-)   time zone

Set the current value for your time zone via the **+** and **-** keys.

To ensure the correct functioning of the weather station, all settings required have been performed at this point. The extended settings are not necessary for normal operation.

(EXIT)   close the configuration mode

or

(NEXT)   extended configurations

Press the **EXIT** key to close the configuration mode and turn back to the normal mode. Afterwards, the base station is in normal operating mode.

Press the **NEXT** key to set further values if required. See below.
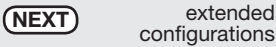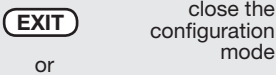
Assigning the march indication

The following representations can be assigned to the course indication:

- air pressure
- indoor temperature
- outdoor temperature

If the march indication is assigned to one of the two temperature indications, the symbol "⌁⌄" appears additionally in the corresponding display field.

Fading-in/Identification in the display field:

P = air pressure
O = outdoor temperature
I = indoor temperature

(+) (-)   assigning the march direction

(NEXT)

Select the assignment desired via the **+** and **-** keys.

Press the **NEXT** key. Now, the unit of the temperature indication can be selected.
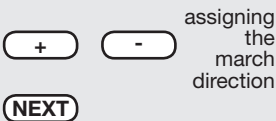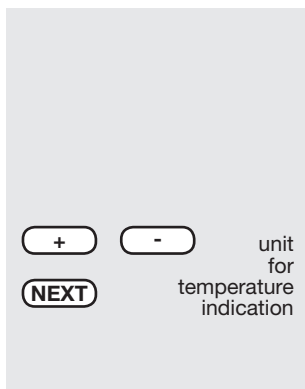
Selecting the unit for the temperature indication

The following units can be selected:

°C   =   grade Centigrade (basic setting)
°F   =   grade Fahrenheit

Here, the indication is presented with the analogue temperature indication, in the normal operating mode in all temperature display fields.

(+) (-)   unit
                    for
(NEXT)   temperature
                   indication

Select the unit desired for indicating the temperature via the **+** and **-** keys.

Press the **NEXT** key. Now, the unit of the wind speed can be selected.
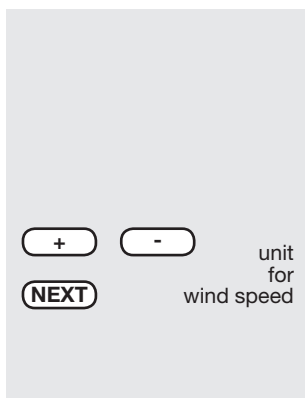
Selecting the unit for the wind speed

The following units can be selected:

km/h   =   kilometres per hour
m/s   =   meters per second
mph   =   miles per hour

The indication is given in the WIND field.

(+) (-)   unit
                    for
(NEXT)   wind speed

Select the unit desired for indicating the wind speed via the **+** and **-** keys.

☞   If you press the **NEXT** key, the year will appear again and the order of entries will start from the beginning. Now, you could either check or change the entries.
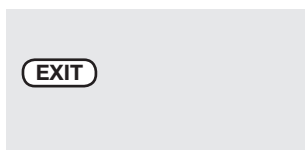
Exiting the configuration mode

(EXIT)

Press the **EXIT** key to close the entry. This can be done at any position, e.g. after entering the time.

The data already entered will be saved automatically.

b) Operation

Selecting the indoor temperature indication

In the normal operation mode, the indoor temperature and air humidity are presented in the IN display field.

Press the **IN** key repeatedly to switch between

• indoor temperature

• corresponding dew point (= DEWPOINT)

Selecting the outdoor temperature indication

In the normal operation mode, the outdoor temperature and air humidity are presented in the OUT display field.

Press the **OUT** key repeatedly to switch between

• outdoor temperature

• corresponding dew point (= DEWPOINT)

• perceived temperature (= WINDCHILL)

Selecting the outdoor sensor

In the Sensor display field the currently selected outdoor sensor and its sensor number are shown. Only active sensors (received in the synchronisation phase) are indicated.

To select the outdoor sensors or the multi-purpose sensor, press the **SENSOR** key as often as it is required to indicate the sensor number desired.

• For the outdoor sensors 1-8 the corresponding sensor number (1-8) is displayed.

• For the multipurpose sensor a sensor number will not displayed, the faded in SENSOR (beside the outdoor air humidity) will disappear.

Indicating the MIN/MAX values

The minimum and maximum values obtained for the measured values of the indoor/outdoor temperatures and air humidity since the last deletion of data are saved.

For the wind speed measurement, only the MAX value is saved.

☞ All MIN and MAX values are saved together with the corresponding times and dates of the extreme values.

If the **MIN/MAX** keys are pressed several times, the display will switch between the indication of the minimum values, the indication of the maximum values and the normal display.

Proceed as follows for calling up the saved data:

- **Calling up minimum values**

  Press the **MIN/MAX** key. **MIN** appears in the centre of the display.

  ☞ Now, the minimum values are indicated in the corresponding display fields. For the wind speed a value will not be given (because the minimum value would always be "0").

- **Calling up maximum values**

  Press the **MIN/MAX** key once again (starting from the normal display press the key twice). **MAX** appears in the centre of the display.

  ☞ The maximum values are indicated in the corresponding display fields.

- **Go back to normal display**

  If you press the **MIN/MAX** key again, you go back to the normal display, MAX appears in the display.

Indicating the time/date for the single extreme value

If required, you can indicate the time and date at which each single value was measured.

Proceed as follows:

- First, select either the indication of the minimum values (press the **MIN/MAX** key once, MIN is shown in the LC display) or the indication of the maximum values (press the **MIN/MAX** key twice, MAX is shown in the LC display).
- Now, the value desired can be displayed by pressing the **SENSOR** key several times.

  Order of indication:

  indoor temperature ✳ indoor air humidity ✳ outdoor temperature ✳ outdoor air humidity ✳ wind speed (MAX value only)

  ☞ Each time, only one display field is shown with its extreme value, at the bottom the point of time and date appear at which the extreme value was measured.

- By a next pressure on the **SENSOR** key you come back to the overview display of all extreme values (MIN or MAX, depending on your selection of the minimum or maximum values).

Deleting the MIN/MAX values

The extreme values can either be deleted in the group (all minimum or all maximum values) or individually.

Delete single value

• Press the **MIN/MAX** key once to display the minimum values or twice to display the maximum values.

• Select the value you want to delete by activating the **SENSOR** key.

• Press and hold the **RESET** key longer than two seconds to delete the value selected.

Delete group

• Press the **MIN/MAX** key once to display the minimum values or twice to display the maximum values.

• Press the **RESET** key longer than two seconds to delete the group selected.

Setting the contrast of the LC display

The contrast of the LC display can be set according to your requirements. For doing this, an opening for setting the contrast is located between the suspending ear and the battery compartment on the back side of the weather station. Using a small flat-blade screwdriver you can set the desired display contrast.

 Do not use force in doing so, turn the setting controller very carefully!

c) Further Functions

Indication of the moon phase

The moon phases are indicated by the following symbols:

full moon   waxing moon   new moon   waning moon

Fig. 7

☞   The indication of the moon phases will only be displayed, if time/date are entered.

Wiz Kid

As an animated figure the "Wiz Kid" shows several weather factors simultaneously:

• **Outdoor temperature (multipurpose sensor only)**

  Depending on the outdoor temperature measured at the multipurpose sensor, the clothing of "Wiz Kid" change from swimming shorts to complete winter clothing including a cap, a muffler and gloves**.**

• **Rain**

  If the weather forecast predicts rain, the "Wiz Kid" will take his umbrella with him**.**

• **Wind speed**

  At wind speeds of more than 20km/h (moderate wind) the hair of "Wiz Kid" blows in the wind.
  If he has put on a scarf, this one will also blow in the wind.

Weather forecast

The symbols describing the weather forecast of the weather station are positioned at the top of the display and deliver the following prognoses:

clouds with rain   ➜   rainy

clouds   ➜   cloudy

clouds with sun   ➜   bright

sun   ➜   sunny

Wind symbol indication (wind cone)

The wind cone symbol shows at a glance whether the wind is light, moderate or strong at the moment.

wind cone hangs down	➜	light wind (< 10km/h)
wind cone is lifted to half the height	➜	moderate wind (1…20km/h)
wind cone is standing horizontally	➜	strong wind (> 20km/h)

Comfort indicator

The comfort indicator (☺ ☺ ☹) reflects the room air conditions (relationship of temperature to air humidity). Please refer to the chapter "Explanation of Terms" for finding a value table of the indication ranges.

Frost warning

The frost warning (ice crystal symbol) will be displayed, if the temperature decreases below 4°C. The frost warning will be deactivated as soon as the temperature increases above 5°C.

Storm warning

The storm warning (danger signal symbol) will be activated, if the air pressure decreases considerably within a short period of time. As soon as the air pressure increases again above 5°C the frost warning will be deactivated.

10. Replacing the Battery

☞ The replacement interval varies significantly for batteries and accumulators. High-quality alkaline batteries are the most efficient ones, whereas accumulators or cheap zinc-carbon batteries require a more frequent replacement.

a) Base Station

If the battery empty symbol (▬▬◻) is displayed, the batteries have to be replaced.

• Always replace the whole set of batteries.

• Never mix full and semi-full batteries.

• Always use four batteries of the same type and manufacturer.

• Never use batteries and accumulators together.

• As already mentioned before, the station can be operated by accumulators, but if batteries are used, the operating time will be much longer.

• Proceed as described in chapter 7 c) to replace the batteries.

☞ **Please note:**

After replacing the batteries, all data/values saved in the base station (e.g. time, data etc.) are deleted and have to be entered anew.

b) Multipurpose Sensor, Outdoor Sensors

If the indication of the individual sensor is not displayed over a period of more than 24 hours, the batteries are to be replaced as described in chapters 7a) and b).

☞ Check, if the failed data transfer is caused by an interfered radio transmission. In this case an indication will not be given in the display of the base station neither.
Another possible source of the problem could be for example a metal part placed in the radio line. Such a problem can be detected by the fact that the data transmission of other sensors being closer positioned also fail. (See chapter 11 on next page.)

11. Troubleshooting

⚠ **Observe all safety instructions included in these operating instructions!**

Problem	Possible solutions
No reception	• The distance between the base station and the outdoor sensors is too long. Change the place of installation of the outdoor sensors. • Objects or shielding materials impair the radio reception. Change the place of installation of the outdoor sensors and the base station. • The batteries of the outdoor sensors are weak or almost empty. As a test, insert new batteries into the outdoor sensors. • Another transmitter at the same or adjacent frequency interferes the radio signal of the outdoor sensors. This could be wireless phones, wireless loudspeakers or similar systems. In most cases, such products are not operated continuously. That means that the radio reception will be perfect on the following day and its more difficult to detect the cause of the problem. If it is possible, set another frequency for these devices. This step can eliminate the reception problem of the weather station.
Interference of other devices by the outdoor sensors	• The outdoor sensors emit their data to the base station at intervals of approximately 3 minutes for the duration of 0.1 second (100ms). In this short period of time other devices are possibly interfered. For example, a very short interfering signal can be heard in a wireless phone every 3 minutes.
Problems during synchronisation	• When the batteries are inserted into the outdoor sensors and the base station (keep strictly to this order of proceeding!!), these devices are in the synchronisation mode. Here, a data telegram is emitted every 4 seconds. This accelerates the detection and registration process of the outdoor sensors at the base station. To force a new synchronisation, take the batteries out of the base station and the outdoor sensors. Afterwards, wait at least 50 seconds before inserting the batteries again into the outdoor sensors and finally in the base station (this sequence is to be observed in any case, first insert the batteries into all the existing outdoor sensors and only then insert the batteries into the base station). However, all the data/values saved in the base station (e.g. minimum values, maximum values, but also dates and times) will be lost then. • Before installing the outdoor sensors for example in your garden, carry out a functional test as described at the beginning of chapter 7.

Problem	Possible solutions
Sunrise/sunset times are not indicated	• The base station has not been configured. Configure the base station according to the chapter "Configuration".
Sunrise/sunset times are wrongly indicated	• The longitude or latitude is set incorrectly. Enter the correct position (chapter "Configuration"). • Time zone is set incorrectly. Enter the correct time zone for your position (chapter "Configuration"). • The date is wrong. Enter the correct date (chapter "Configuration").
Minimum and maximum values are not indicated	• The base station has not been configured. Configure the base station according to the chapter "Configuration". Set the time and date.
Moon phase is not indicated	• The base station has not been configured. Configure the base station according to the chapter "Configuration". Set the time and date.

12. Coverage

The coverage of the transmission of the radio signals to the base station can reach up to 100m under optimal conditions. This is also often designated as "free-field coverage".

☞ This ideal arrangement (e.g. base station and outdoor sensor on a plane, even meadow without trees, houses etc.), however, is never reality.

Normally, the base station is installed inside the house, the multipurpose sensor in the garden and further outdoor sensors are positioned in outbuildings (e.g. in a aviary) or in the garage.

The coverage can be considerably limited by:

• walls, reinforced concrete ceilings

• coated/vapour-deposited insulating glass panes

• vehicles

• trees, brushes, earth, rocks

• the proximity to metallic & conductive objects (e.g. heating elements)

• the proximity to the human body

• broad-band interference, e.g. in residence areas (DECT telephones, mobile phones, wireless loudspeakers, other radio weather stations, baby phones etc.)

• the proximity to electric motors, transformers, power supply units, computers

• the proximity to improperly shielded or uncovered operating computers or other electric appliances

☞ However, a guarantee for a specific coverage is not possible as the local circumstances are different for different places of installation.

If the base station does not receive data from the multipurpose sensor or from possibly additional other sensors (despite new batteries), reduce the distance between the outdoor sensors and the base station, change the place of installation.

13. Maintenance and Cleaning

a) General

Check the technical safety of the weather station, such as damage to the housing, at regular intervals.

When it can be assumed that a safe operation is no longer possible, the product must be put out of service and precautions taken to ensure that it is not used unintentionally. Remove the batteries.

It must be assumed that safe operation is not possible any longer, if

• the station is visibly damaged,

• the device does not operate any longer and

• it has been stored for long periods under unfavourable conditions or

• it has been subject to considerable stress in transit.

The safety instructions below must be observed before the weather station is cleaned or maintained:

Before cleaning, servicing or repair works, the batteries must be removed.

None of the components inside the station is to be maintained by the user. The housing must not be opened.

Repair work must always be carried out by qualified experts familiar with the hazards involved and with the relevant regulations.

b) Cleaning the Base Station

Dust may be removed easily by using a vacuum cleaner and a clean, soft brush. Hold the opening of the vacuum cleaner close to the base station (do not contact it, scratches could be caused!) and remove the dust by means of the brush. The vacuum cleaner soaks up the dust that has been blown up.

A soft, dry and lint-free cloth can also be used to clean the outside of the product.

For more resistant dirt, you may moisten the cloth slightly in lukewarm water.

Never use aggressive cleaning agents or chemical solutions, which could damage the housing or even impair operation.

c) Cleaning the Multipurpose Sensor and the Outdoor Sensors

After a longer period of operation in the open, dust can deposit at the plastic surface of the outdoor sensors. It can be removed rapidly with a cloth slightly moistened in water.

 Never use a garden hose to clean the outdoor sensors, because they are only protected against rain coming from the sky above but not against jets of water coming from the sides or below.

14. Handling

⚠️ **Observe all safety instructions included in these operating instructions!**

a) General

The product may not be opened or disassembled (apart from the battery replacement described in these operating instructions).

None of the components inside the product is to be maintained by the user. Moreover, the licence (CE) and warranty will lapse in such cases.

Do not drop the product, it will be damaged even if it falls down from a low height.

b) Base Station

Avoid the following unfavourable ambient conditions during the operation of the base station:

- damp or air humidity which is too high
- extreme cold or heat
- direct sunlight
- dust or combustible gases, vapours or solvents
- strong vibrations
- strong magnetic fields such as those found in the vicinity of machinery or loudspeakers.

Do not use the product immediately after it has been taken from a cold environment to a warm one. The condensation water produced may destroy the product.

Wait until the base station has reached room temperature. This may take several hours!

Select such a place of installation that the base station stands safely and cannot fall down. There is risk of injury due to its weight.

You should protect scratch-sensitive or valuable furniture surfaces by means of suited supports before setting up the base station.

c) Multipurpose Sensor

Although the multipurpose sensor is protected against rain coming from above, it is not protected against water from the sides or below. Therefore, never splash the station, e.g. by means of a garden hose or another irrigation system.

Select such a place of installation that children can not tilt the multipurpose sensor. Do not set it up in the proximity of vehicles, glass doors/windows or similar objects!

15. Explanation of Terms

Perceived temperature

See "Windchill"

Comfort indicator

The symbols of the comfort indicator (the three different smilies (☹ 😐 ☺)) reflect the room air conditions and will be shown according to the following table:

Temperature	Humidity									
	20%	30%	35%	40%	45%	50%	55%	60%	65%	70%
<18°C	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹
18 -19.9°C	☹	☹	☹	😐	😐	😐	😐	😐	😐	☹
20 -21.9°C	☹	☹	☹	😐	☺	☺	☺	☺	😐	☹
22 -23.9°C	☹	☹	😐	☺	☺	☺	☺	😐	☹	☹
24 -25.9°C	☹	😐	☺	☺	☺	☺	😐	☹	☹	☹
26 -27.9°C	☹	😐	😐	😐	😐	😐	😐	☹	☹	☹
> 28°C	☹	☹	☹	☹	☹	☹	☹	☹	☹	☹

Depending on the relationship between temperature and air humidity, clearly limited areas of comfortable or uncomfortable air conditions can be defined.
At a temperature of 25°C an air humidity below 30% is perceived to be too dry (e.g. heating air) and a humidity above 60% to be sultry.

Dew point

The dew point is a point of temperature which depends on the coincidence of a certain air pressure, temperature and air humidity.
At this point of temperature the condensation of the air humidity starts, the so called dewing, the air humidity condenses out and settles in form of a liquid (mist, vapour).
If the dew point for the water vapour is below 0°C, it condenses as snow or hoar.

Weather forecast

The weather forecast of the weather station is reflected in different weather symbols which are calculated from the rate of increase or decrease of the air pressure (tendency).
This changing rate of the air pressure is the decisive factor for the forecast of the weather to be expected, the absolute value plays only a secondary role here. Generally one can say that an increasing air pressure means better weather, whereas a decreasing air pressure means that the weather will become worse.

Windchill (equivalent temperature, perceived temperature)

Under certain conditions, men perceive temperatures totally different than shown by a thermometer. At low temperatures, we perceive the temperature at our naked skin the lower the more rapidly an additional wind blows.

The windchill is defined as a cooling effect for naked skin having a theoretical surface temperature of 33°C and at a wind speed of more than 2.6m/s.

The higher the wind speed and the lower the actual ambient temperature, the more perceptible is the windchill effect.

The "perceived temperature" can almost be compared to the so called felt temperature which additionally considers such effects as the radiation of sunlight, the luminous reflectance of the clouds, the light wave length etc..

Wind speed table (Beaufort)

Beaufort	Wind speed	Designation
0	0 – 0.7km/h	calm
1	0.7 – 5.4km/h	very soft breeze
2	5.5 – 11.9km/h	light breeze
3	12.0 – 19.4km/h	weak breeze
4	19.5 – 28.5km/h	moderate breeze
5	28.6 – 38.7km/h	fresh breeze
6	38.8 – 49.8km/h	strong wind
7	49.9 – 61.7km/h	stiff wind
8	61.8 – 74.6km/h	stormy wind
9	74.7 – 88.9km/h	storm
10	89.0 – 102.4km/h	heavy storm
11	102.5 – 117.4km/h	violent storm
12	> 117.4km/h	hurricane

16. Disposal

a) General

Once the product becomes unusable, dispose of it in accordance with the relevant statutory regulations.

b) Disposal Instructions for Battery/Accumulators

You, as the ultimate consumer, are required by law **(Battery Ordinance)** to return all spent batteries/accumulators. **Disposing of spent batteries/accumulators in the household waste is prohibited!**

Batteries/accumulators containing hazardous substances are marked by the opposite symbols. These symbols also indicate that it is prohibited to dispose of these batteries in the household waste.
The heavy metals concerned are: **Cd**=cadmium, **Hg**=mercury, **Pb**=lead (the designation is written on the accumulator e.g. under the rubbish can symbols depicted at the left).

You can hand in your used batteries/accumulators at the official collection points of your community at no cost, at our outlets or everywhere where batteries/accumulators are sold.

You thus fulfil your statutory obligations and contribute to the protection of the environment.

17. Technical Data

Measurement interval of the outdoor sensors:... approx. 3 minutes
Measurement interval of the indoor sensors:..... approx. 10 minutes

Transmitting frequency:...................................... 433.92 MHz
Coverage in the open field: .... max. 100m (Observe chapter 12!)

Inside temperature range: .... 0°C to +59.9°C
Resolution: .... 0.1°C
Accuracy: .... ±0.8°C

Outdoor temperature range
(multipurpose sensor):....................................... -29.9°C to +79.9°C
Resolution: .... 0.1°C
Accuracy: .... ±0.8°C
Measurement range of relative air humidity
(indoor/outdoor):.. 1% - 99 %
Resolution: 1%
Accuracy: .... ±5% rH (30–70% rH)

Wind speed: .... 0 to 200km/h
Resolution: .... up to100km/h 0.1km/h; above 100km/h: 1km/h

Voltage supply:

Base station:... 4 x 1.5 V batteries, AA, Mignon,
(alkaline type recommended)

Multipurpose sensor:.. 3 x 1.5 V batteries, AA, Mignon
(alkaline type recommended)

Dimensions (W x H x D) base station: .... approx. 136mm * 198mm * 35mm (without foot)

18. FCC Information

FCC ID: RNT-WS200US

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

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

State	County	Col3	Col4	State	County	Col3	Col4
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	Value 1	Value 2	State	County	Value 1	Value 2
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

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

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

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

State	County/Parish	Value1	Value2	State	County/Parish	Value1	Value2
KY	Martin County	37.8	277.5	LA	St. Martin Parish	30.2	268.2
KY	Mason County	38.6	276.2	LA	St. Mary Parish	29.7	268.6
KY	Meade County	37.9	273.9	LA	St. Tammany Parish	30.4	270.1
KY	Menifee County	38.0	276.4	LA	Tangipahoa Parish	30.6	269.5
KY	Mercer County	37.8	275.2	LA	Tensas Parish	32.0	268.7
KY	Metcalfe County	37.0	274.4	LA	Terrebonne Parish	29.5	269.3
KY	Monroe County	36.7	274.3	LA	Union Parish	32.8	267.6
KY	Montgomery County	38.0	276.1	LA	Vermilion Parish	30.0	267.8
KY	Morgan County	37.9	276.7	LA	Vernon Parish	31.1	266.8
KY	Muhlenberg County	37.2	272.9	LA	Washington Parish	30.8	270.0
KY	Nelson County	37.8	274.5	LA	Webster Parish	32.7	266.7
KY	Nicholas County	38.3	276.0	LA	West Baton Rouge Parish	30.5	268.7
KY	Ohio County	37.5	273.1	LA	West Carroll Parish	32.8	268.6
KY	Oldham County	38.4	274.6	LA	West Feliciana Parish	30.9	268.6
KY	Owen County	38.5	275.2	LA	Winn Parish	31.9	267.4
KY	Owsley County	37.4	276.3	ME	Androscoggin County	44.1	289.8
KY	Pendleton County	38.7	275.6	ME	Aroostook County	46.6	291.7
KY	Perry County	37.2	276.8	ME	Cumberland County	43.8	289.7
KY	Pike County	37.4	277.6	ME	Franklin County	44.9	289.6
KY	Powell County	37.8	276.1	ME	Hancock County	44.5	291.6
KY	Pulaski County	37.1	275.4	ME	Kennebec County	44.4	290.2
KY	Robertson County	38.5	275.9	ME	Knox County	44.1	290.9
KY	Rockcastle County	37.4	275.7	ME	Lincoln County	44.0	290.5
KY	Rowan County	38.2	276.6	ME	Oxford County	44.3	289.3
KY	Russell County	37.0	274.9	ME	Penobscot County	45.2	291.3
KY	Scott County	38.2	275.4	ME	Piscataquis County	45.6	290.7
KY	Shelby County	38.2	274.8	ME	Sagadahoc County	43.9	290.1
KY	Simpson County	36.7	273.4	ME	Somerset County	45.1	290.1
KY	Spencer County	38.0	274.7	ME	Waldo County	44.5	290.9
KY	Taylor County	37.4	274.7	ME	Washington County	44.9	292.4
KY	Todd County	36.8	272.8	ME	York County	43.4	289.3
KY	Trigg County	36.8	272.1	MD	Allegany County	39.6	281.2
KY	Trimble County	38.6	274.6	MD	Anne Arundel County	39.1	283.4
KY	Union County	37.6	272.1	MD	Baltimore County	39.4	283.4
KY	Warren County	37.0	273.6	MD	Calvert County	38.5	283.5
KY	Washington County	37.7	274.8	MD	Caroline County	38.9	284.2
KY	Wayne County	36.8	275.2	MD	Carroll County	39.6	283.0
KY	Webster County	37.5	272.3	MD	Cecil County	39.6	284.0
KY	Whitley County	36.8	275.9	MD	Charles County	38.5	283.0
KY	Wolfe County	37.7	276.5	MD	Dorchester County	38.5	284.0
KY	Woodford County	38.1	275.3	MD	Frederick County	39.5	282.6
LA	Acadia Parish	30.3	267.6	MD	Garrett County	39.5	280.7
LA	Allen Parish	30.7	267.2	MD	Harford County	39.5	283.7
LA	Ascension Parish	30.2	269.1	MD	Howard County	39.2	283.1
LA	Assumption Parish	29.9	268.9	MD	Kent County	39.3	283.9
LA	Avoyelles Parish	31.1	267.9	MD	Montgomery County	39.1	282.9
LA	Beauregard Parish	30.7	266.7	MD	Prince George's County	38.9	283.1
LA	Bienville Parish	32.4	267.0	MD	Queen Anne's County	39.0	283.9
LA	Bossier Parish	32.6	266.3	MD	St. Mary's County	38.3	283.4
LA	Caddo Parish	32.5	266.2	MD	Somerset County	38.1	284.2
LA	Calcasieu Parish	30.2	266.7	MD	Talbot County	38.8	283.9
LA	Caldwell Parish	32.1	267.9	MD	Washington County	39.6	282.2
LA	Cameron Parish	29.9	266.8	MD	Wicomico County	38.4	284.4
LA	Catahoula Parish	31.7	268.1	MD	Worcester County	38.3	284.7
LA	Claiborne Parish	32.8	267.0	MD	Baltimore city	39.3	283.4
LA	Concordia Parish	31.6	268.5	MA	Barnstable County	41.7	289.7
LA	De Soto Parish	32.1	266.2	MA	Berkshire County	42.4	286.8
LA	East Baton Rouge Parish	30.5	268.9	MA	Bristol County	41.8	288.9
LA	East Carroll Parish	32.8	268.8	MA	Dukes County	41.4	289.4
LA	East Feliciana Parish	30.8	268.9	MA	Essex County	42.6	289.0
LA	Evangeline Parish	30.7	267.6	MA	Franklin County	42.6	287.4
LA	Franklin Parish	32.1	268.3	MA	Hampden County	42.1	287.4
LA	Grant Parish	31.6	267.4	MA	Hampshire County	42.3	287.4
LA	Iberia Parish	30.0	268.2	MA	Middlesex County	42.5	288.7
LA	Iberville Parish	30.3	268.7	MA	Nantucket County	41.3	289.9
LA	Jackson Parish	32.3	267.4	MA	Norfolk County	42.2	288.8
LA	Jefferson Parish	29.9	269.8	MA	Plymouth County	42.0	289.2
LA	Jefferson Davis Parish	30.2	267.2	MA	Suffolk County	42.3	288.9
LA	Lafayette Parish	30.2	268.0	MA	Worcester County	42.3	288.2
LA	Lafourche Parish	29.6	269.4	MI	Alcona County	44.7	276.4
LA	La Salle Parish	31.7	267.8	MI	Alger County	46.4	273.4
LA	Lincoln Parish	32.6	267.3	MI	Allegan County	42.6	274.1
LA	Livingston Parish	30.5	269.2	MI	Alpena County	45.0	276.5
LA	Madison Parish	32.4	268.8	MI	Antrim County	45.0	274.8
LA	Morehouse Parish	32.8	268.1	MI	Arenac County	44.1	276.1
LA	Natchitoches Parish	31.7	266.9	MI	Baraga County	46.7	271.6
LA	Orleans Parish	30.0	269.9	MI	Barry County	42.6	274.7
LA	Ouachita Parish	32.5	267.9	MI	Bay County	43.6	276.1
LA	Plaquemines Parish	29.6	270.2	MI	Benzie County	44.6	274.0
LA	Pointe Coupee Parish	30.6	268.5	MI	Berrien County	42.0	273.6
LA	Rapides Parish	31.3	267.5	MI	Branch County	41.9	274.9
LA	Red River Parish	32.1	266.7	MI	Calhoun County	42.3	274.9
LA	Richland Parish	32.4	268.3	MI	Cass County	41.9	274.0
LA	Sabine Parish	31.6	266.4	MI	Charlevoix County	45.2	274.9
LA	St. Bernard Parish	29.9	270.1	MI	Cheboygan County	45.5	275.5
LA	St. Charles Parish	29.9	269.6	MI	Chippewa County	46.3	275.5
LA	St. Helena Parish	30.8	269.3	MI	Clare County	44.0	275.1
LA	St. James Parish	30.0	269.2	MI	Clinton County	42.9	275.4
LA	St. John the Baptist Parish	30.1	269.5	MI	Crawford County	44.7	275.4
LA	St. Landry Parish	30.5	267.9	MI	Delta County	45.9	273.1

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

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

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

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

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	264.3
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.

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

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

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

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

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

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.

State	County			State	County		
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

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

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	237.4
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.

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

Appendix B: Table of time zone difference from UTC

Time Zone	Major Cities	Symbol	Difference from UTC
Atlantic Time	San Juan	AST	20
Eastern Time	Boston, New York, Washington DC, Miami	EST	19
Central Time	Minneapolis, New Orleans, Houston, Chicago	CST	18
Mountain Time	Salt Lake City, Boise, Denver	MST	17
Pacific Time	Seattle, San Francisco, Los Angeles, Las Vegas	PST	16
Alaska Time	Fairbanks	AKST	15
Hawaii-Aleutian Time	Honolulu	HAST	14

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.

19. Brief Instructions

◄ **Step 1**
Install the mast (own mast or separately purchased mast) and put on the multipurpose sensor
(See from Page 11)

Step 2 ▶
Open the battery compartment of the multipurpose sensor, turn the lower part to the left and slide it downwards
(See from Page 11)

◄ **Step 3**
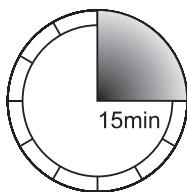Insert the batteries into the multipurpose sensor, close the battery compartment
(See Page 13)

Step 4 ▶
Insert the batteries into the base station; DO NOT PRESS ANY KEY at the base station!
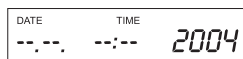(See Page 14)

15min

◄ **Step 5**
Wait 15 minutes to allow the base station to identify the sensor(s)
(See Page 14)

Step 6 ▶
Configure the base station (set the date, time, etc.)
(See from Page 18)

DATE   TIME   *2004*
--.--.   --:--

◄ **Step 7**
Set up the base station by using a foot or hanging it on the wall
(See Page 15)

Key Functions

IN

Short key pressure:
Switching between the indoor temperature indication and the dew point temperature

Long key pressure (min. 2 seconds, till the display changes):
Call-up of the configuration mode (see back of the housing for key layout)

SENSOR

If applicable, selection of additional outdoor sensors (display of SENSOR and sensor number (1….8))
(if only the multipurpose sensor is used, the display will not change)

In the IN/MAX mode: indication of the point of time at which the MIN/MAX value has been measured

MIN MAX

Call-up of the MIN/MAX values:
press once: MIN values (MIN appears in the display)
press twice: MAX values (MAX appears in the display)
press three times: back to normal display

During the MIN or MAX display, use the SENSOR key to call up/indicate the point of time at which the MIN/MAX value has been measured

Sequence of indication:
indoor temperature ✳ indoor air humidity ✳ outdoor temperature ✳
outdoor air humidity ✳ wind speed (MAX value only)

Deletion of the currently displayed MIN/MAX value(s):
Press the RESET key for at least 2 seconds till the values indicated are deleted (lines appear instead of numeric values)

RESET

In the MIN/MAX mode:
Long key pressure (at least for 2 seconds) deletes the corresponding MIN/MAX values

OUT

Switching between the outdoor temperature indication and the windchill temperature