



Pew Geometry - How many people can we seat in the Nave while observing six feet of distancing?

Our pews are 11' 8" long. So we cannot seat three people from different households in a single pew.

The distance between seat backs in the pews is 2' 8". So even skipping a pew, seating people in every other row, we don't achieve six feet of separation between people seated directly behind one another.

Likewise, seating people in the two aisle seats and someone in the center of the pew directly behind them only achieves 5' 6" of separation.

If we use the first diagram below, and seat only single individuals in the church, we can accommodate 27 people in the nave.

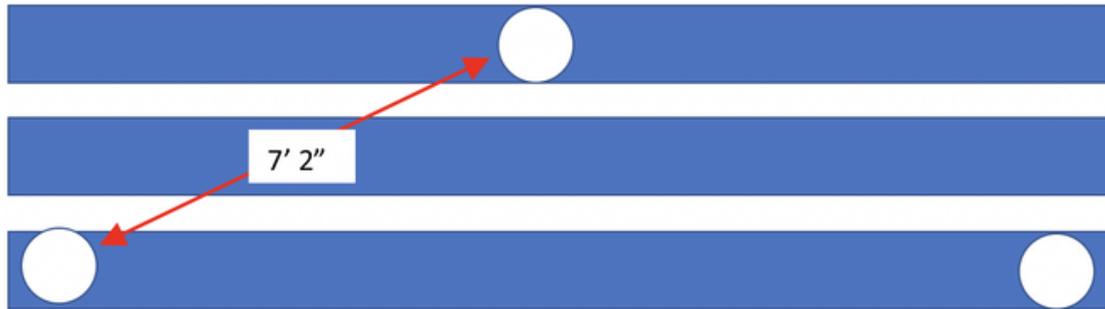
Looking at the second diagram we see that we can seat a household of three people in the center of a pew and still have 6' of separation. If we filled all of the "single seat" pews with households of three people we could accommodate 45 people in the nave.

Looking at the final diagram we see that a household of four people in a pew would require us to vacate the end pew seats in the rows in front of and behind them, losing two seats to add one individual to the group seated together. In this scenario our capacity begins to decline.

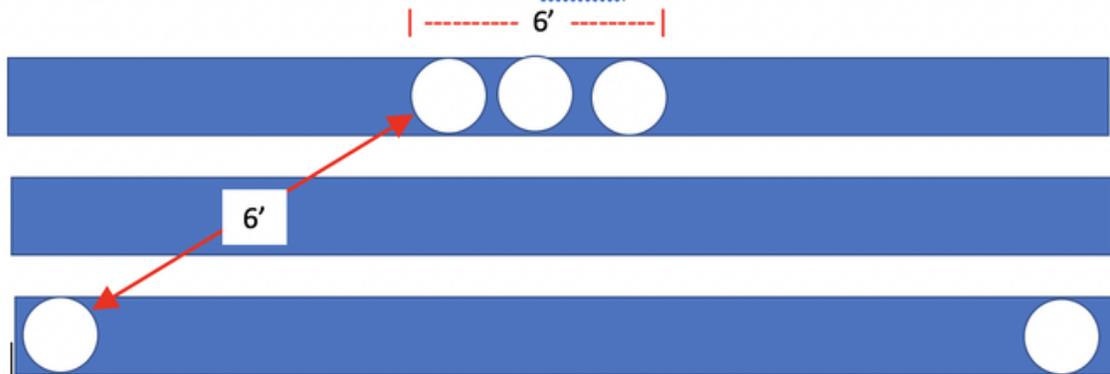
How many people can we seat in the Nave while observing six feet of distancing?

The answer is between 27 and 45

If we are seating single individuals



Placing a family of three in the middle of a pew



Placing a family of four in the middle of a pew

