

### Source 3: Market Profile of U.S. Cardiologists

Key points-There were 31,481 cardiologists in the US in 2013 (page 1). Based on the cardiologist/patient data on page 2, we can roughly estimate the number of clinics as follows

Triangulation:

(a) No of doctors (office sizes)	(b) Average doctors (per office size)	(c) Total docs per office	(d) Number of offices (c/d)
1	1	3817	$3817/1 = 3817$
2	2	2682	$2682/2 = 1341$
3-5	$4 (3+5)/2$	6858	$6858/4 = 1715$
6-10	$8 (6+10)/2$	7316	$7316/8 = 915$
11-25	$18 (11+25)/2$	7481	$7481/18 = 416$
26+	26	3327	$3327/26 = 127$

Total number of cardiology clinics in 2013 = 8331

1.The report has given (page 2) the total number of cardiologists as 31,481. It has also given the number of cardiologists in each office which is split into five office sizes (clinic sizes). Refer column (a)

2.In column (b) I calculated the average number of cardiologists per office size

3.The total number of cardiologists for each office is given in the table in page 2. This is column (c)

4.To calculate the number of clinics I've divided the total number of cardiologists in each clinic(office) by the average number of cardiologists in each clinic. Column (d)

8331 was the the total number of cardiology clinics in 2013.

Hence we can calculate the number of clinics in 2017 by applying an approximate growth rate according to the info in page 2 (2012-2013). Since the growth rate of clinics is not available, we can calculate it for the growth in cardiologists instead.

$$=(31,481-30,515)/30,515*100$$
$$=3.2\%$$

Hence, the number of cardiology clinics in 2017 will be

$$=8331*1.032^4$$

$$= 9450$$

The numbers/statistics used for triangulation have been taken from [this report](#).