

### Chlamydia Screening in Women: FPOS vs. Non-FPOS

Q: Is there any relationship between being in the FPOS program and being screened?  
 H0: There is NO relationship.  
 H1: There is relationship.

Age	MY2013 Sexually Active Non-Screened Member Count	MY2013 Sexually Active Screened Member Count	Row Total	MY2013 Sexually Active Non-Screened Expected	MY2013 Sexually Active Screened Expected
FPOS Age 16 - 24	7,866	4,297	12,163	6,318	5,845
Non-FPOS Age 16 - 24	19,002	20,557	39,559	20,550	19,009
Column Total	26,868	24,854	51,722	26,868	24,854

Calculated P-value: 2.5291E-226  
 P-value of 0.05: Much smaller than P value of 0.05, thus the null hypothesis is rejected.

Age	MY2012 Sexually Active Non-Screened Member Count	MY2012 Sexually Active Screened Member Count	Row Total	MY2012 Sexually Active Non-Screened Expected	MY2012 Sexually Active Screened Expected
FPOS Age 16 - 24	8,665	4,624	13,289	6,744	6,545
Non-FPOS Age 16 - 24	19,614	22,821	42,435	21,535	20,900
Column Total	28,279	27,445	55,724	28,279	27,445

Calculated P-value: 0.00000E+00  
 P-value of 0.05: Much smaller than P value of 0.05, thus the null hypothesis is rejected.

Age	MY2011 Sexually Active Non-Screened Member Count	MY2011 Sexually Active Screened Member Count	Row Total	MY2011 Sexually Active Non-Screened Expected	MY2011 Sexually Active Screened Expected
FPOS Age 16 - 24	8,192	4,790	12,982	6,381	6,601
Non-FPOS Age 16 - 24	21,218	25,634	46,852	23,029	23,823
Column Total	29,410	30,424	59,834	29,410	30,424

Calculated P-value: 1.0601E-282  
 P-value of 0.05: Much smaller than P value of 0.05, thus the null hypothesis is rejected.

Age	MY2010 Sexually Active Non-Screened Member Count	MY2010 Sexually Active Screened Member Count	Row Total	MY2010 Sexually Active Non-Screened Expected	MY2010 Sexually Active Screened Expected
FPOS Age 16 - 24	8,489	5,097	13,586	6,660	6,926
Non-FPOS Age 16 - 24	22,094	26,705	48,799	23,923	24,876
Column Total	30,583	31,802	62,385	30,583	31,802

Calculated P-value: 8.1896E-276  
 P-value of 0.05: Much smaller than P value of 0.05, thus the null hypothesis is rejected.