

Calculation of reference age, reference period and reference cohort

Analyzed period: 2005-2019

Analyzed age groups: 20-90

Interval: 5-year intervals

			Reference value
Reference Age	$(\text{Number of Age Groups} + 1)/2$	$(14+1)/2 = 7.5$	7th age range is the reference age range
Reference Period	$(\text{Number of Periods} + 1)/2$	$(3+1)/2 = 2$	2nd period group is the reference period range
Reference Cohort	Reference Period – Reference Age + Number of Age Groups	$2-7+14 = 19$	19th cohort group is the reference cohort range
Period Point	$(\text{Lower Value} + \text{Upper Value} + 1)/2$	$(2010+2014)/2 = 2012.5$	2012
Age Point	$(\text{Lower Value} + \text{Upper Value} + 1)/2$	$(50+54)/2 = 52$	52
Cohort Point	Reference Period Point – Reference Age Point	$2012.5 - 52 = 1960.5$	1960