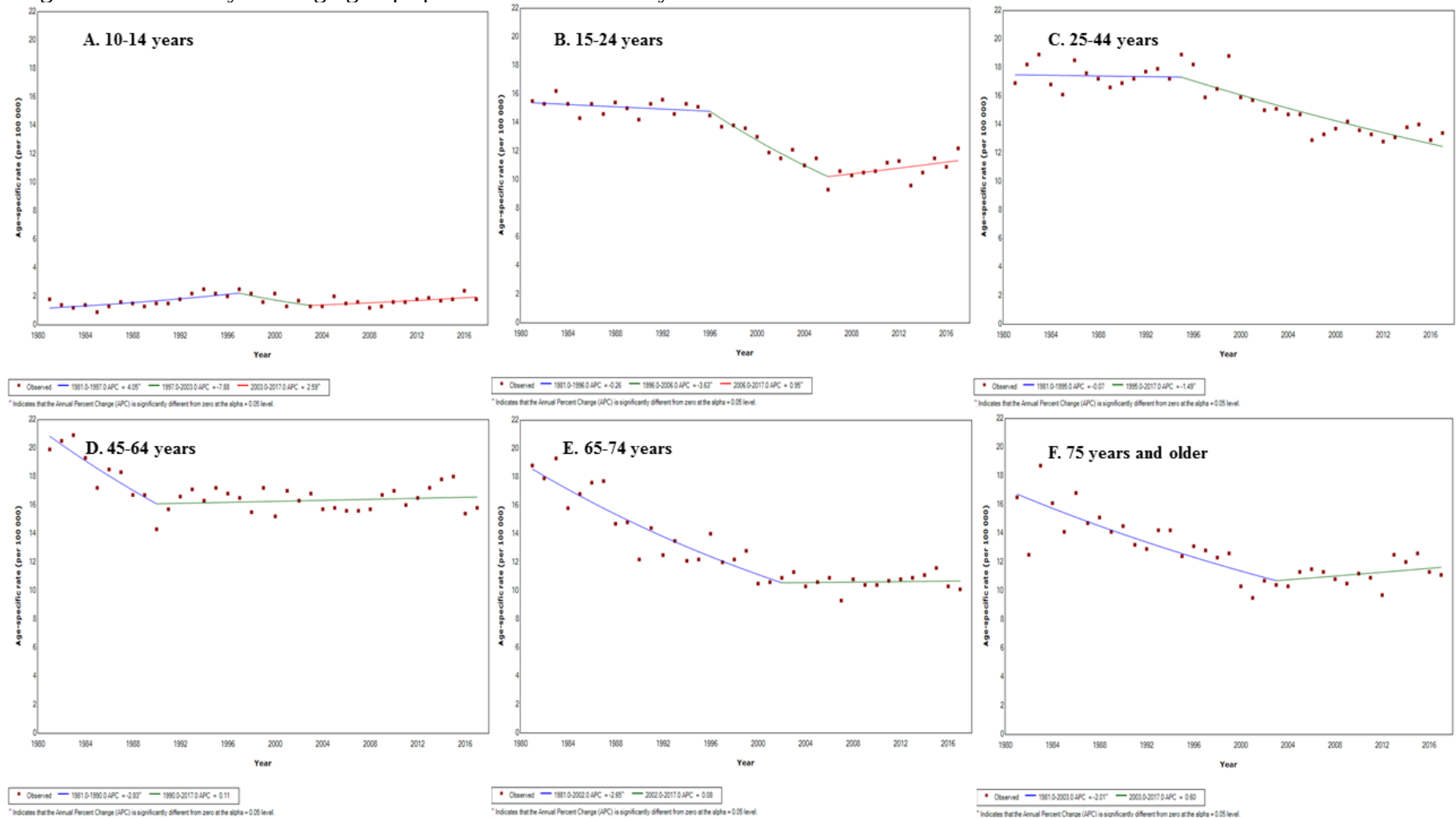


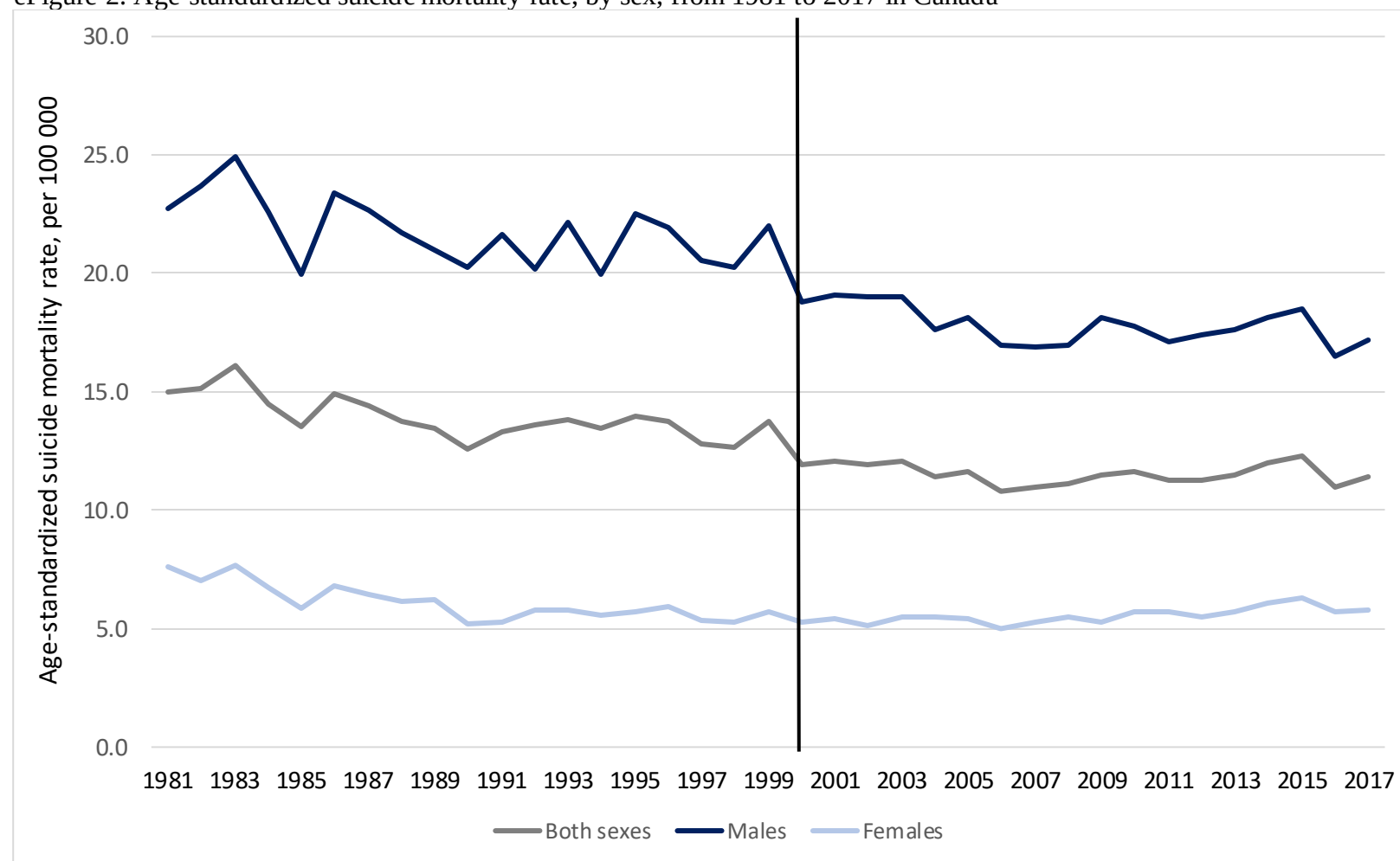
eFigure 1. Trend analysis of age-group specific suicide mortality rates from 1981 to 2017 for both sexes



*Bonferroni correction $p < 0.003$

Data source: Statistics Canada and Vital Statistics - Death Database

eFigure 2. Age-standardized suicide mortality rate, by sex, from 1981 to 2017 in Canada



Note: vertical line represents change from ICD-9 to ICD-10; rates are age-standardized to the 2011 Canadian standard population
 Data source: Statistics Canada and Vital Statistics - Death Database

eTable 1. Age group specific suicide mortality rates from 1981 to 2017, by sex

Year	Both sexes						Females						Males					
	10-14	15-24	25-44	45-64	65-74	75+	10-14	15-24	25-44	45-64	65-74	75+	10-14	15-24	25-44	45-64	65-74	75+
1981	1.8	15.5	16.9	19.9	18.8	16.5	1.0	4.7	8.4	11.8	10.0	7.3	2.5	26.0	25.3	28.2	29.3	31.3
1982	1.4	15.3	18.2	20.5	17.9	12.5	0.4	4.6	8.6	10.9	8.1	4.4	2.3	25.7	27.5	30.5	29.8	25.6
1983	1.2	16.2	18.9	20.9	19.3	18.7	0.3	4.3	9.1	11.8	10.0	6.3	2.1	27.6	28.6	30.3	30.5	38.9
1984	1.4	15.3	16.8	19.3	15.8	16.1	0.4	4.1	7.8	10.5	8.2	5.9	2.4	25.9	25.7	28.4	25.0	32.9
1985	0.9	14.3	16.1	17.2	16.8	14.1	0.6	3.9	7.0	8.5	7.7	5.3	1.3	24.2	25.0	26.2	28.1	28.7
1986	1.3	15.3	18.5	18.5	17.6	16.8	0.6	5.0	7.9	10.0	9.1	5.4	1.9	25.1	28.9	27.3	28.1	35.8
1987	1.6	14.6	17.6	18.3	17.7	14.7	0.6	4.7	8.0	9.0	7.4	6.8	2.7	23.9	27.0	27.7	30.4	27.9
1988	1.5	15.4	17.2	16.7	14.7	15.1	0.4	4.7	8.1	8.3	6.0	6.1	2.5	25.5	26.2	25.3	25.6	30.1
1989	1.3	15.0	16.6	16.7	14.8	14.1	0.7	4.5	7.7	9.0	6.7	5.3	2.0	25.1	25.3	24.4	24.8	28.8
1990	1.5	14.2	16.9	14.3	12.2	14.5	0.7	4.7	7.3	6.4	5.8	4.1	2.4	23.4	26.4	22.3	20.2	31.7
1991	1.5	15.3	17.2	15.7	14.4	13.2	1.0	3.9	7.3	6.7	6.8	3.8	1.9	26.3	26.9	24.8	23.8	28.7
1992	1.8	15.6	17.7	16.6	12.5	12.9	0.9	6.1	7.0	8.0	5.8	4.2	2.6	24.7	28.3	25.3	20.6	27.4
1993	2.2	14.6	17.9	17.1	13.5	14.2	1.9	4.8	6.9	7.9	5.5	6.5	2.6	24.0	28.8	26.3	23.1	27.2
1994	2.5	15.3	17.2	16.3	12.1	14.2	1.2	5.4	6.9	7.8	5.2	4.2	3.6	24.9	27.5	24.9	20.5	30.9
1995	2.2	15.1	18.9	17.2	12.2	12.4	2.2	4.9	7.2	8.1	5.6	3.8	2.1	24.9	30.5	26.4	20.0	27.1
1996	2.0	14.5	18.2	16.8	14.0	13.1	0.9	4.6	7.8	8.6	5.3	3.5	3.0	23.9	28.5	25.0	24.3	29.2
1997	2.5	13.7	15.9	16.5	12.0	12.8	1.2	4.6	6.6	7.6	4.7	4.3	3.8	22.5	25.1	25.6	20.6	27.1
1998	2.2	13.8	16.5	15.5	12.2	12.3	1.5	5.3	6.5	6.8	5.1	5.0	2.9	21.9	26.3	24.3	20.3	24.7
1999	1.6	13.6	18.8	17.2	12.8	12.6	0.7	4.5	7.7	7.9	4.9	5.1	2.4	22.2	29.8	26.6	21.7	25.1
2000	2.2	13.0	15.9	15.2	10.5	10.3	1.7	5.5	6.5	7.8	4.9	2.8	2.8	20.1	25.1	22.7	16.9	22.8
2001	1.3	11.9	15.7	17.0	10.6	9.5	1.3	5.1	6.3	8.3	5.1	3.4	1.3	18.4	24.9	25.8	16.8	19.7
2002	1.7	11.5	15.0	16.3	10.9	10.7	1.6	5.2	6.7	7.4	3.4	2.7	1.7	17.5	23.2	25.4	19.2	23.8
2003	1.3	12.1	15.1	16.8	11.3	10.4	0.8	5.4	6.6	8.4	4.4	3.8	1.7	18.5	23.4	25.4	18.9	21.1
2004	1.3	11.0	14.7	15.7	10.3	10.3	1.1	4.8	6.6	8.4	5.5	3.7	1.5	17.0	22.5	23.1	15.7	20.8
2005	2.0	11.5	14.7	15.8	10.6	11.3	2.4	6.1	6.4	7.5	4.2	4.8	1.7	16.7	22.8	24.3	17.7	21.5
2006	1.5	9.3	12.9	15.6	10.9	11.5	1.8	4.0	5.8	7.3	6.4	3.7	1.2	14.5	20.0	24.0	15.9	23.5
2007	1.6	10.6	13.3	15.6	9.3	11.3	1.5	5.3	6.3	7.8	4.3	4.1	1.7	15.6	20.2	23.5	14.8	22.2
2008	1.2	10.3	13.7	15.7	10.8	10.8	0.9	5.4	6.3	8.9	4.4	3.0	1.5	14.9	21.1	22.4	17.8	22.6
2009	1.3	10.5	14.2	16.7	10.4	10.5	1.2	5.8	6.3	7.9	3.4	3.5	1.3	15.1	21.9	25.5	18.2	20.9
2010	1.6	10.6	13.6	17.0	10.4	11.2	1.4	5.1	7.0	8.4	4.2	3.7	1.9	15.9	20.2	25.6	17.2	22.4

2011	1.6	11.2	13.3	16.0	10.7	10.9	1.8	6.1	6.5	8.5	3.9	4.1	1.4	16.1	20.2	23.4	18.1	21.0
2012	1.8	11.3	12.8	16.5	10.8	9.7	1.8	6.1	5.7	8.4	4.7	3.3	1.7	16.2	19.9	24.7	17.4	19.1
2013	1.9	9.6	13.1	17.2	10.9	12.5	2.2	6.2	6.5	8.2	4.5	4.7	1.5	12.7	19.6	26.3	17.8	23.8
2014	1.7	10.5	13.8	17.8	11.1	12.0	2.3	5.9	7.1	9.3	5.1	3.8	1.1	14.7	20.5	26.4	17.6	23.7
2015	1.8	11.5	14.0	18.0	11.6	12.6	2.3	6.9	7.5	9.0	4.9	4.7	1.4	15.9	20.6	27.1	18.8	23.7
2016	2.4	10.9	12.9	15.4	10.3	11.3	3.3	6.6	6.4	7.9	5.1	4.3	1.6	14.9	19.3	22.9	15.8	21.0
2017	1.8	12.2	13.4	15.8	10.1	11.1	2.6	7.5	6.1	8.2	3.9	4.5	1.1	16.5	20.6	23.6	16.8	20.2

Data source: Statistics Canada and Vital Statistics - Death Database