

Supplemental Table 1: Disease classification of underlying cause of death.

These ICD-10 codes were evaluated to help establish the common etiologies of death in each group.

ICD10	Disease Classification*
A00-B99	Certain infectious and parasitic diseases
C00-D48	Neoplasms
D50-D89	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism
E00-E90	Endocrine, nutritional and metabolic diseases
F00-F99	Mental and behavioral disorders
G00-G99	Diseases of the nervous system
H00-H59	Diseases of the eye and adnexa
H60-H95	Diseases of the ear and mastoid process
I00-I99	Diseases of the circulatory system
J00-J99	Diseases of the respiratory system
K00-K93	Diseases of the digestive system
L00-L99	Diseases of the skin and subcutaneous tissue
M00-M99	Diseases of the musculoskeletal system and connective tissue
N00-N99	Diseases of the genitourinary system
O00-O99	Pregnancy, childbirth and the puerperium
P00-P96	Certain conditions originating in the perinatal period
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities
R00-R99	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified
S00-T98	Injury, poisoning and certain other consequences of external causes
V01-Y98	External causes of morbidity and mortality
Z00-Z99	Factors influencing health status and contact with health services
U00-U99	Codes for special purposes

\* Obtained from: <http://apps.who.int/classifications/icd10/browse/2010/en#/XIX>

Supplemental Table 2: Age and Follow-up of Cohorts:

Figures reported here give the average ages in years for each grouping – all women, women who died and those that did not. These groups are then sub-divided into those who were designated as fertile, subfertile and ART. In the lower part of the table they are compared similarly as above except those deaths as a result of external causes have been removed. One notes that the average age is younger in all the fertile groups and the length of follow up is similar in each group.

	All Women			Women who died			Women who did not die		
Characteristics	ART	Subfertile	Fertile	ART	Subfertile	Fertile	ART	Subfertile	Fertile
<b>ALL DEATHS</b>									
<b>N</b>	16,429	11,696	455,422	21	18	1,280	16,408	11,678	454,142
Age at end of follow up (mean years $\pm$ SD)	42.4 (5.5)	41.2 (5.5)	36.5 (6.7)	46.6 (4.5)	42.5 (6.2)	37.5 (7.2)	42.4 (5.5)	41.2 (5.5)	36.5 (6.7)
Follow-up (Median duration in years, Q1-Q3)**	5.7 (3.6–8.4)	5.6 (3.5–8.4)	6.0 (3.8–8.6)	2.8 (1.1–4.7)	3.3 (1.7–6.6)	4.0 (2.0–6.5)	5.7 (3.6–8.4)	5.6 (3.5–8.4)	6.1 (3.8–8.6)
Total women-years	99,331	70,461	2,865,459	66	72	5,542	99,265	70,389	2,859,917
<b>DEATHS EXCLUDING EXTERNAL CAUSES OF MORTALITY<sup>†</sup></b>									
<b>N</b>	16427	11690	454,875	19	12	733	16,408	11,678	454,142
Age at end of follow up (mean years $\pm$ SD)	42.4 (5.5)	41.2 (5.5)	36.5 (6.7)	46.8(4.7)	42.6 (6.2)	39.8 (6.9)	42.4 (5.5)	41.2 (5.5)	36.5 (6.7)
Follow-up (Median duration in years, Q1-Q3)**	5.7 (3.6–8.4)	5.6 (3.5–8.4)	6.0 (3.8–8.6)	2.8 (1.1–4.7)	4.2 (1–6.8)	4.3 (2.2–6.8)	5.7 (3.6–8.4)	5.6 (3.5–8.4)	6.1 (3.8–8.6)
Total women-years	99,331	70,461	2,865,459	59	49	3,300	99,265	70,389	2,859,917

<sup>†</sup> Excludes women who died from Injuries, external causes of mortality (includes opioids, accidents and injuries)

\*\*Q1-Q3: Quartiles, Q1 is the 25<sup>th</sup> quartile and Q3 is the 75<sup>th</sup> quartile