Tutorial 2 Popular O Filia of
Tutorial 2: Problems On Fertility Measures
1 Population of Scotland on 30 June in verious years
Continuate Gude birth rates
160x lotal Pop (000) F. Pop (000) Birth CBR (3/P) GFR (B/W). 1971 5236 1011 86700 0.0166 0.08576
1981 5180 1094 69100 0.0133 0.0632
1991 5107 1122 67000 0.0131 0.05971
1993 5/21 1/03 63300 0.0124 0.05739
1994 5132 1102 61700 0.0120 0.05599
1995 5136 1101 60100 0.0117 0.05457
@ Thomas A a laid of laid of laid
2 Montal tu orta for interpenuonal Mota palas
2. Mortality rate for women is high compared to men
3. Table 2 Relate to fortility is Enland and miles 1000
3. Table 2 Relate to fertility in England and Wales in 1976 and
1976 Age Births(000s) F. Pop(000s) f. Births(000s) (000s) f.
15-19 57.9 1809 0.0301 45.1 1455 0.031
20-24 182:2 1672 0.10847 152.0 1831 0.0230
25-29 220,7 1855 0.11898 - 236,0 2070 0.1140
30-34 90.8 1598 0.0570 171.1 1967 0.0870
35-39 26.1 1379 0.01893 58.8 1729 0.034
40-44 6.5 1300 0,005 po.5 1750 0,006
Total 584.2 9608 0.24089 673.5 10802 0.355
a) Calculate the GFR for 1976 and 1993
GFR = > fiwi = 0.0608 => 1976.
W = 0.0608 × 1000 = 60.8 live bitths per 1000 women
In their reproductive ages (15-44) +15. GFR (1993) = 2fiwi = 0.0623 × 1000 = 62-3 live births por 1000 women
(4+12(1993) = 2+iWi = 0.0623 × 1000 = 62-3 live births por 1000 women
W Committee of the comm
in their reproductive ages (15-44) yrs

6) ASFR (1976) = 0.3	4-129		
ASFR (1993) = 0.355			
13412, (1795)=0,383			
Other War 16	1 1	1 114	TIT
C) Using the 1976 population	is the standard	d, colculates a	studeday
forbility Rate for 1993.		-	
Standardized Fortility Rate			
1	5 W:69		
Age Wilmo films	fichas * Willa	70	
1122	56.079		•
25-29 1855 0.1140	132.776		
2-24	211.47		
0720	138,591		
	46.886		
Total 9608	7.8	COLUMN TO A	
1001	599.602		
SFR = Sfiggs * N			
5 W: (1972	(1976) = 599.60	2 = 0.0624	X1000
		-	
reproductive ages (15-4)	DEN 1000 M	ones in their	0
reproductive gaps (15-4)	12416	The same	
F Egypt, 1988		T	
Age WGood Births (0002) ASFR	(£) 0 11	Junisia, 1989.	
12/19 20/19 110/		s (coor) ASTR	M (000)
20 211 2-01 20 11-24		V VIA	370588
25 20 .02 10	10	The state of the s	332.84
2- 24 44619		VIII	285.694
0.40	U	The state of the s	233-523
1121111	51.	X-112	MIS
	5	1 0.041	139.025
45-49 96538 25·1 0.026	The state of the s	0.009	122.223
10777.16 1773.9 1.091	176	1 0.682	1674.97

7 -1	ATO			
and the second	GFR			
	9/1	Egypt	<0.	
	(0 4+K= 16	= Zfiw	i = 0.1646 *1000 = (164.6)
		V	UW	
		= 164	- live bit	this per 1000 women in their
	reprod	active ggs	35 (1549	the per 1000 women in their
	-			
	6	unilia;		0.1045×1000 = (104.5 live 6+4hs)
		G+12= 175	1 =====================================	0.1043 × 1000 = (10)13 avo 4
)_		1674	2974	in reproductive ages (15-49)/12
	per it	000 womel	1 in the	a reproductive ago (1.27)
	0.5	-0		
	6) SF	Wicegot	NEO (C	Emisia) Fictionisia * Wiceinst
	Age		ASFR(fic	35.295
and the second	15-19	2076.19	0.017	271.994
	2024	2076.29	0.195	356,1051
	25-29	1826.18	0.176	263.935
	30-34	1269.11	0.113	143,4094
	35-39	1064.38	0,041	43.640
-	45-49	965.38	0.009	8.68842
	Total	1077.16		1123.06692
	4	FR (SFRITE)	= 2fil	101510 * Wi(89.10t)
			n	(Egypt)
				0"
			= 1123.06	692 = 0.1042 * 1000
			10777.	16
-			= 104 G	ve little per 1000 women
	in their	reproducti	Je ages ((15-49) +1's
			U	

TFR.
D) Colculate That for Egypt and Tunisia:
i) 29-10t;
1=5
TER= 12fi = 5*1.091
= 5.455
25
(1) Junisia
$TFR_{T} = 15f_{c} = 5 \times 0.682$ $= 3.41$
= 3
5 Table 4.
Age grap Nicordan Wigners Franko fico finicipa finicena)
15-19 129.398 928.692 0.135 0,165 17.468 163:134
30-24 134.7 820.404 0.268 0.291 36.099 238.737
25-29 120,06 662.634 0.242 0.273 29.054 180.899
30-34 84.42 557.454 0,210 0,261 17,728 145.495
35-39 62.698 462,792 0.149 0.20 9.342 92,558
40-44 40.02 462,792 0.086 0.123 3.441 56.923
45-49 25.346 326.058 0.012 0.062 0.304 20.215
Total 596.642 4280.826 1.102 1.375 113.436 897.96]
12 2) GER 5 f. W. 112,426 2 10012 *1000-10012
a) i) GFR = (URBAN) = Sf: Wi - 113.436 = 0, 19012 *1000 = 190.12 -
~ 190 live births per 1000 women in their reproducti- ve gges (15-49) 475.
NE GRES (15-49)-171
in GFR (2012) = 2fiwi_ 897.961 _ 0, 20976 * 1000-209,76 - W 4280.826
W 4280.826
~ 209 live births per 1000 women in their reproductive
9905 C15-49) 415-
24 (14-21) 49 (1)

	6) Calculate TFR, for usban and sural areas
	TFRs (users) = NZfi
-	= 5 × 1.102
-	25
-	
-	TED - 05 f.
-	I+RECRUPAD = 15ti
-	= 5×1.375 ~ 6
-	
-	DOLLA DE WAR DE CONTRACTOR HOUSE
-	c) Standardized Fertility Rates for urban areas, using the rural
	area as the Standard.
-	CFR = 5 ficuran * Wi (RUPAL).
-	W (RURAL).
	Age William Figures Figures + William + William 15-19 988:692 0.135 133.38
15	2 2/2
-	20-24 220.404 0,268 219.868
	25-29 662,634 0.242 160.357
5	30-34 557, 454 0.210 117.065
10	35-39 462.792 0.149 68.956
	40-44 462,792 0.086 39,800
	45-49 326.058 0.012 3.912
	Total 4280.826 743.338
_	
-	SFR = > ficerend * Wicevern
	Warran
-	
	= 743.388 - 0.17362
	4280,826
	= 0.17364 * 1000 = 173.64
	ages (15-49) tres births per 1000 women in their reproductive
	9985 (15-49) 475

