

Supplementary Materials for

Medication prescriptions before, during and after pregnancy in Italy: a population-based study

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This PDF file includes:

Table 1S

Medication prescriptions before, during and after pregnancy by age group (n=274,899)

Table 2S

New and prevalent users (n per 1,000 pregnant women) of anti-diabetics, antihypertensives and thyroid preparations per region before, during and after pregnancy

Table 1S

Medication prescriptions before, during and after pregnancy by age group (n=274,899)

	Pre-T		1 st TP		2 nd TP		3 rd TP*		Pregnancy		Post-T	
	n	%	n	%	n	%	n	%	n	%	n	%
Lazio												
Any prescription	38,339	37.0	56,960	55.0	56,345	54.4	50,273	48.7	81,807	79.0	47,895	46.3
≤24	2,019	28.2	3,659	51.0	3,381	47.2	3,284	45.9	5,477	76.4	2,940	41.0
25-29	6,255	32.5	9,946	51.6	8,890	46.1	8,705	45.3	14,436	74.9	8,151	42.3
30-34	12,432	35.7	18,456	53.1	17,387	50.0	16,297	47.0	26,617	76.5	15,101	43.4
35-39	12,152	39.6	17,385	56.7	18,745	61.1	15,437	50.5	25,149	82.0	14,983	48.8
≥40	5,481	47.0	7,514	64.5	7,942	68.1	6,550	56.4	10,128	86.9	6,720	57.7
Emilia-Romagna												
Any prescription	29,478	33.3	52,737	59.6	43,318	49.0	42,399	48.1	70,414	79.6	43,588	49.3
≤24	1,765	23.3	4,093	54.0	3,441	45.4	3,651	48.2	5,941	78.4	3,038	40.1
25-29	5,688	29.2	11,049	56.8	8,865	45.6	9,174	47.1	15,161	77.9	8,547	43.9
30-34	9,915	33.3	17,173	57.7	14,068	47.3	13,988	47.0	23,209	78.0	14,122	47.5
35-39	8,715	36.9	14,869	63.0	12,332	52.3	11,467	48.6	19,247	81.6	12,875	54.6
≥40	3,395	42.1	5,553	68.9	4,612	57.2	4,119	51.1	6,856	85.1	5,006	62.1
Puglia												
Any prescription	32,576	39.3	52,837	63.7	46,460	56.0	41,504	50.2	68,845	83.0	47,827	57.7
≤24	2,957	31.4	5,330	56.7	4,717	50.2	4,298	45.9	7,434	79.1	4,827	51.3
25-29	6,770	36.3	11,467	61.5	9,660	51.8	8,817	47.4	15,114	81.1	10,032	53.8
30-34	11,195	39.7	18,072	64.1	15,225	54.0	14,030	50.0	23,251	82.5	16,045	56.9
35-39	8,748	42.5	13,623	66.2	12,543	60.9	10,804	52.7	17,573	85.4	12,784	62.1
≥40	2,906	47.4	4,345	70.9	4,315	70.4	3,555	58.3	5,473	89.3	4,139	67.5
Overall												
Any prescription	100,393	36.5	162,534	59.1	146,123	53.1	134,176	49.0	221,066	80.4	139,310	50.7
≤24	6,741	27.9	13,082	54.2	11,539	47.8	11,233	46.7	18,852	78.1	10,805	44.7
25-29	18,713	32.6	32,462	56.6	27,415	47.8	26,696	46.6	44,711	77.9	26,730	46.6
30-34	33,542	36.2	53,701	57.9	46,680	50.3	44,315	47.9	73,077	78.8	45,268	48.8
35-39	29,615	39.6	45,877	61.3	43,620	58.3	37,708	50.5	61,969	82.8	40,642	54.3
≥40	11,782	45.6	17,412	67.4	16,869	65.3	14,224	55.3	22,457	86.9	15,865	61.4

*Denominator: pregnancies reaching the 3rd T (exclusion of deliveries occurred between 20-27 weeks of gestation).

Table 2S

New and prevalent users (n per 1,000 pregnant women) of anti-diabetics, antihypertensives and thyroid preparations per region before, during and after pregnancy

Trimester	Anti-diabetics drugs					Antihypertensive drugs					Thyroid preparations				
	Pregnancy					Pregnancy					Pregnancy				
	-1	1	2	3	+1	-1	1	2	3	+1	-1	1	2	3	+1
Lazio															
New users	0.0	2.5	5.7	15.8	1.3	0.0	3.7	7.3	21.3	17.5	0.0	24.8	40.0	37.1	14.9
Prevalent users	8.6	6.2	4.4	4.0	2.7	9.1	5.2	3.5	3.4	4.1	39.0	35.6	34.9	30.0	24.0
Total	8.6	8.8	10.1	19.8	4.0	9.1	8.9	10.8	24.7	21.7	39.0	60.5	74.9	67.1	38.9
Emilia-Romagna															
New users	0.0	1.2	7.2	16.9	0.8	0.0	2.1	3.1	7.7	17.9	0.0	31.9	59.4	50.6	16.8
Prevalent users	4.3	3.6	3.1	2.8	2.0	8.6	5.0	2.8	2.7	4.5	36.7	36.3	37.0	31.6	27.5
Total	4.3	4.8	10.3	19.8	2.8	8.6	7.1	5.9	10.4	22.4	36.7	68.2	96.4	82.2	44.2
Puglia															
New users	0.0	2.2	4.2	11.7	0.8	0.0	1.8	2.3	5.6	13.6	0.0	12.7	21.9	21.7	11.1
Prevalent users	7.4	6.0	4.6	4.3	3.0	6.2	3.4	1.4	1.3	2.6	33.5	32.1	32.7	28.7	24.7
Total	7.4	8.3	8.8	16.0	3.8	6.2	5.2	3.6	7.0	16.2	33.5	44.9	54.5	50.4	35.8