

Table 1: Reference ranges of hormones as according to data source (NIP)

Hormone	Reference range	Unit
TSH	04.-4.2	mIU/L
T ₃	2.52-5.35	pmol/L
T ₄	9.01-19.05	pmol/L
FSH	3.85-8.78	mIU/L
LH	0.4- 105	mIU/L
E ₂	37-184	pg/ml
PROG	<0.3	nmol
PRL	33.4-580.0	mIU/L

Table 2 : Cross tabulation of TSH values and age

			TSH mIU/L			Total
			<0.4	0.4-4.2	>4.2	
Ages	16-25	Count	632	11872	513	13017
		% within Age coded	4.9%	91.2%	3.9%	100.0%
	26-35	Count	1237	17802	1223	20262
		% within Age coded	6.1%	87.9%	6.0%	100.0%
	36-45	Count	1021	12930	1383	15334
		% within Age coded	6.7%	84.3%	9.0%	100.0%
	46-60	Count	1243	11318	1732	14293
		% within Age coded	8.7%	79.2%	12.1%	100.0%
Total	Count		4133	53922	4851	62906
	% within Age coded		6.6%	85.7%	7.7%	100.0%

Table 3: Cross tabulation of T₃, T₄ values and age

		T ₃ values (pmol/L)			Total	T ₄ Values (pmol/L)	Total	
		<2.52	2.52- 5.35	>5.35		9.01- 19.05		
Age	16-25	Count	244	4660	689	5593	6	6
		% within Age coded	4.4%	83.3%	12.3%	100.0%	100.0%	100.0%
	26-35	Count	403	7020	1023	8446	5	5
		% within Age coded	4.8%	83.1%	12.1%	100.0%	100.0%	100.0%
	36-45	Count	446	5794	699	6939	3	3
		% within Age coded	6.4%	83.5%	10.1%	100.0%	100.0%	100.0%
	46-60	Count	602	5889	726	7217	2	2
		% within Age coded	8.3%	81.6%	10.1%	100.0%	100.0%	100.0%
Total	Count	1695	23363	3137	28195	16	16	
	% within Age coded	6.0%	82.9%	11.1%	100.0%	100.0%	100.0%	

Table 4: Cross tabulation of FSH, LH values and Age

			FSH values				LH values (mIU/L)		
			<1.79	1.79-22.51	>22.51	Total	<0.4	0.4-105	Total
Age	16-25	Count	753	6430	97	7280	101	6835	6936
		% within Age coded	10.3%	88.3%	1.3%	100.0%	1.5%	98.5%	100.0%
	26-35	Count	1085	8884	395	10364	0	9655	9655
		% within Age coded	10.5%	85.7%	3.8%	100.0%	0.0%	100.0%	100.0%
	36-45	Count	454	4310	1177	5941	0	5343	5343
		% within Age coded	7.6%	72.5%	19.8%	100.0%	0.0%	100.0%	100.0%
	46-60	Count	49	820	1008	1877	0	1482	1482
		% within Age coded	2.6%	43.7%	53.7%	100.0%	0.0%	100.0%	100.0%
Total		Count	2341	20444	2677	25462	101	23315	23416
		% within Age coded	9.2%	80.3%	10.5%	100.0%	0.4%	99.6%	100%

Table5: Cross tabulation of E2, PROG, PRL values and Age

			E ₂ values (pg/mL)				PROG values (nmol/L)				PRL values (mIU/L)			
						Total		0.86-122.84		Total				Total
			<37	37-184	>184		<0.86		>122.84		<33.4	33.4-580.0	>580.0	
Age	16-25	Count	1447	4258	630	6335	6560	0	0	6560	21	6277	807	7107
		% within Age coded	22.8%	67.2%	9.9%	100.0%	100.0%	0.0%	0.0%	100.0%	0.3%	88.3%	11.4%	100 %
	26-35	Count	2221	5877	1163	9261	1482	8769	0	10251	48	9116	1124	10288
		% within Age coded	24.0%	63.5%	12.6%	100.0%	14.5%	85.5%	0.0%	100.0%	0.5%	88.6%	10.9%	100.0%
	36-45	Count	1740	2934	628	5302	4263	1156	56	5475	51	4986	586	5623
		% within Age coded	32.8%	55.3%	11.8%	100.0%	77.9%	21.1%	1.0%	100.0%	0.9%	88.7%	10.4%	100.0%
	46-60	Count	1035	562	120	1717	1270	0	0	1270	42	1321	146	1509
		% within Age coded	60.3%	32.7%	7.0%	100.0%	100.0%	0.0%	0.0%	100.0%	2.8%	87.5%	9.7%	100.0%
Total	Count	6443	13631	2541	22615	13575	9925	56	23556	162	21700	2663	24525	
	% within Age coded	28.5%	60.3%	11.2%	100.0%	57.6%	42.1%	0.2%	100.0%	0.7%	88.5%	10.9%	100.0%	