

CHRONOLOGY OF HUMAN DENTITION

FAQ Teeth / Dates are underlined in red

Tooth		Formation of enamel matrix and dentin begins	Amount of enamel matrix formed at birth	Enamel completed	Emergence into oral cavity	Root completed	
Primary dentition	Maxillary	Central incisor	4 mo. in utero	Five-sixths	1½ mo.	7½ mo.	1½ yr
		Lateral incisor	4½ mo. in utero	Two-thirds	2½ mo.	9 mo.	2 yr
		Canine	5 mo. in utero	One-third	9 mo.	18 mo.	3¼ yr
		First molar	5 mo. in utero	Cusps united	6 mo.	14 mo.	2½ yr
		Second molar	6 mo. in utero	Cusps tips still isolated	11 mo.	24 mo.	3 yr
	Mandibular	Central incisor	4½ mo. in utero	Three-fifths	2½ mo.	6 mo.	1½ yr
		Lateral incisor	4½ mo. in utero	Three-fifths	3 mo.	7 mo.	1½ yr
		Canine	5 mo. in utero	One-third	9 mo.	16 mo.	3¼ yr
		First molar	5 mo. in utero	Cusps united	5½ mo.	12 mo.	2¼ yr
		Second molar	6 mo. in utero	Cusps tips still isolated	10 mo.	20 mo.	3 yr
Permanent dentition	<u>Maxillary</u>	<u>Central incisor</u>	3 - 4 mo.		4 - 5 yr	<u>7 - 8 yr</u>	10 yr
		<u>Lateral incisor</u>	10 - 12 mo.		4 - 5 yr	<u>8 - 9 yr</u>	11 yr
		<u>Canine</u>	4 - 5 mo.		6 - 7 yr	<u>11 - 12 yr</u>	13 - 15 yr
		First premolar	1½ - 1¾ yr.		5 - 6 yr	10 - 11 yr	12 - 13 yr
		Second premolar	2 - 2¼ yr.		6 - 7 yr	10 - 12 yr	12 - 14 yr
		<u>First molar</u>	At birth	Sometimes a trace	2½ - 3 yr	<u>6 - 7 yr</u>	9 - 10 yr
		Second molar	2½ - 3 yr.		7 - 8 yr	12 - 13 yr	14 - 16 yr
	Third molar	7 - 9 yr.		12 - 16 yr	17 - 21 yr	18 - 25 yr	
	<u>Mandibular</u>	<u>Central incisor</u>	3 - 4 mo.		4 - 5 yr	<u>6 - 7 yr</u>	9 yr
		<u>Lateral incisor</u>	3 - 4 mo.		4 - 5 yr	<u>7 - 8 yr</u>	10 yr
		Canine	4 - 5 mo.		6 - 7 yr	9 - 10 yr	12 - 14 yr
		First premolar	1¾ - 2 yr.		5 - 6 yr	10 - 12 yr	12 - 13 yr
		Second premolar	2¼ - 2½ yr.		6 - 7 yr	11 - 12 yr	13 - 14 yr
		<u>First molar</u>	At birth	Sometimes a trace	2½ - 3 yr	<u>6 - 7 yr</u>	9 - 10 yr
Second molar		2½ - 3 yr.		7 - 8 yr	11 - 13 yr	14 - 15 yr	
Third molar	8 - 10 mo.		12 - 16 yr	17 - 21 yr	18 - 25 yr		