

A1C %	A1c mmol/molHb	eAG (mmol/l)
6%	42	7.0
6.5%	48	7.8
7%	53	8.6
7.5%	58	9.4
8%	64	10.1
8.5%	69	10.9
9%	75	11.8
9.5%	80	12.6
10%	86	13.4

HbA1c Conversion Chart. Older DCCT-aligned (%) and newer IFCC-standardised (mmol/mol) concentrations. Conversions are grouped according to each percentage point on the current DCCT-aligned measurement scale. IFCC-standardised values are rounded to the nearest whole number.

DCCT (%)	5 IFCC (mmol/mol)	DCCT (%)	6 IFCC (mmol/mol)	DCCT (%)	7 IFCC (mmol/mol)	DCCT (%)	8 IFCC (mmol/mol)	DCCT (%)	9 IFCC (mmol/mol)
5.0	31	6.0	42	7.0§	53	8.0	64	9.0	75
5.1	32	6.1	43	7.1	54	8.1	65	9.1	76
5.2	33	6.2	44	7.2	55	8.2	66	9.2	77
5.3	34	6.3	45	7.3	56	8.3	67	9.3	78
5.4	36	6.4	46	7.4	57	8.4	68	9.4	79
5.5	37	6.5†,‡	48	7.5†,‡	58	8.5	69	9.5	80
5.6	38	6.6	49	7.6	60	8.6	70	9.6	81
5.7	39	6.7	50	7.7	61	8.7	72	9.7	83
5.8	40	6.8	51	7.8	62	8.8	73	9.8	84
5.9	41	6.9	52	7.9	63	8.9	74	9.9	85

DCCT (%)	10 IFCC (mmol/mol)	DCCT (%)	11 IFCC (mmol/mol)	DCCT (%)	12 IFCC (mmol/mol)	DCCT (%)	13 IFCC (mmol/mol)	DCCT (%)	14 IFCC (mmol/mol)
10.0	86	11.0	97	12.0	108	13.0	119	14.0	130
10.1	87	11.1	98	12.1	109	13.1	120	14.1	131
10.2	88	11.2	99	12.2	110	13.2	121	14.2	132
10.3	89	11.3	100	12.3	111	13.3	122	14.3	133
10.4	90	11.4	101	12.4	112	13.4	123	14.4	134
10.5	91	11.5	102	12.5	113	13.5	124	14.5	135
10.6	92	11.6	103	12.6	114	13.6	125	14.6	136
10.7	93	11.7	104	12.7	115	13.7	126	14.7	137
10.8	95	11.8	105	12.8	116	13.8	127	14.8	138
10.9	96	11.9	107	12.9	117	13.9	128	14.9	139

