mph to km/h Conversion Chart

Miles per hour to kilometres per hour, m/s and knots

For: Drivers, cyclists, runners and travellers

allunitconversions.com/mph-to-kph-conversion-chart
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9 November 2026

EXACT DEFINITION	FORMULA	REVERSE	WORKED EXAMPLE
1 mph = 1.609 344 km/h exactly	km/h = mph × 1.609 344	mph = km/h ÷ 1.609 344	70 mph × 1.609344 = 112.7 km/h

km/h is rounded to 1 decimal place.

1 to 100 mph

Miles per hour (mph)	Kilometres per hour (km/h)	Miles per hour (mph)	Kilometres per hour (km/h)	Miles per hour (mph)	Kilometres per hour (km/h)	Miles per hour (mph)	Kilometres per hour (km/h)
1	1.6	**26**	41.8	**51**	82.1	**76**	122.3
2	3.2	**27**	43.5	**52**	83.7	**77**	123.9
3	4.8	**28**	45.1	**53**	85.3	**78**	125.5
4	6.4	**29**	46.7	**54**	86.9	**79**	127.1
5	8.0	**30**	48.3	**55**	88.5	**80**	128.7
6	9.7	**31**	49.9	**56**	90.1	**81**	130.4
7	11.3	**32**	51.5	**57**	91.7	**82**	132.0
8	12.9	**33**	53.1	**58**	93.3	**83**	133.6
9	14.5	**34**	54.7	**59**	95.0	**84**	135.2
10	16.1	**35**	56.3	**60**	96.6	**85**	136.8
11	17.7	**36**	57.9	**61**	98.2	**86**	138.4
12	19.3	**37**	59.5	**62**	99.8	**87**	140.0
13	20.9	**38**	61.2	**63**	101.4	**88**	141.6
14	22.5	**39**	62.8	**64**	103.0	**89**	143.2
15	24.1	**40**	64.4	**65**	104.6	**90**	144.8
16	25.7	**41**	66.0	**66**	106.2	**91**	146.5
17	27.4	**42**	67.6	**67**	107.8	**92**	148.1
18	29.0	**43**	69.2	**68**	109.4	**93**	149.7
19	30.6	**44**	70.8	**69**	111.0	**94**	151.3
20	32.2	**45**	72.4	**70**	112.7	**95**	152.9
21	33.8	**46**	74.0	**71**	114.3	**96**	154.5
22	35.4	**47**	75.6	**72**	115.9	**97**	156.1
23	37.0	**48**	77.2	**73**	117.5	**98**	157.7
24	38.6	**49**	78.9	**74**	119.1	**99**	159.3
25	40.2	**50**	80.5	**75**	120.7	**100**	160.9

105 to 250 mph

Miles per hour (mph)	Kilometres per hour (km/h)	Metres per second (m/s)	Knots (kn)	Miles per hour (mph)	Kilometres per hour (km/h)	Metres per second (m/s)	Knots (kn)
105	169.0	46.94	91.2	**180**	289.7	80.47	156.4
110	177.0	49.17	95.6	**185**	297.7	82.70	160.8
115	185.1	51.41	99.9	**190**	305.8	84.94	165.1
120	193.1	53.64	104.3	**195**	313.8	87.17	169.5

Miles per hour (mph)	Kilometres per hour (km/h)	Metres per second (m/s)	Knots (kn)
125	201.2	55.88	108.6
130	209.2	58.12	113.0
135	217.3	60.35	117.3
140	225.3	62.59	121.7
145	233.4	64.82	126.0
150	241.4	67.06	130.3
155	249.4	69.29	134.7
160	257.5	71.53	139.0
165	265.5	73.76	143.4
170	273.6	76.00	147.7
175	281.6	78.23	152.1

Miles per hour (mph)	Kilometres per hour (km/h)	Metres per second (m/s)	Knots (kn)
200	321.9	89.41	173.8
205	329.9	91.64	178.1
210	338.0	93.88	182.5
215	346.0	96.11	186.8
220	354.1	98.35	191.2
225	362.1	100.58	195.5
230	370.1	102.82	199.9
235	378.2	105.05	204.2
240	386.2	107.29	208.6
245	394.3	109.52	212.9
250	402.3	111.76	217.2

Sources and method

- **International Yard and Pound Agreement (1959)** — 1 in = 25.4 mm, 1 ft = 0.3048 m, 1 lb = 0.453 592 37 kg exactly
- **NIST Special Publication 811** — Guide for the Use of the International System of Units (www.nist.gov/pml/special-publication-811)

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