

Bennett Mechanical Comprehension Test[®] II

Norms Composition Table



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Bennett Mechanical Comprehension Test® II (BMCT-II) Occupational Norm Groups Normative Sample Composition	Installation/Maintenance/Repair (2018)	Skilled Trades (2018)	Machine Operators/Machinists (2018)	General Labor (2018)	Vocational/Technical Students (2018)	Mechanics (2018)	Engineers (2018)	Industrial/Technical Sales (2018)
	Values represent percentages of the norm group in each demographic category and may not sum to 100 percent due to rounding; — indicates a value lower than 1%.							
	Sample size	708	3932	1432	661	834	908	493
Education Level	%	%	%	%	%	%	%	%
Attended 12th grade or less, no diploma	2	2	1	7	16	5	—	—
High school diploma or GED	39	38	42	41	47	39	3	2
1–2 years of college	23	24	19	18	18	25	6	1
Associate's degree	11	15	17	11	8	14	5	1
3–4 years of college	4	4	3	3	4	3	5	5
Bachelor's degree	14	15	8	15	3	6	59	83
Master's degree	1	1	1	1	—	—	14	7
Sex	%	%	%	%	%	%	%	%
Female	5	7	11	12	17	3	12	17
Male	90	91	81	83	80	90	83	82
Ethnicity	%	%	%	%	%	%	%	%
White (non-Hispanic)	71	67	61	64	59	71	67	73
Black, African American	8	16	19	16	17	8	6	9
Hispanic, Latino/a	10	8	7	8	13	9	8	6
Asian/Pacific Islander	1	2	2	2	1	2	9	6
Native American	1	1	—	1	3	1	—	—
Other	1	1	1	1	1	1	—	1
Multiracial	1	2	1	2	2	1	3	3
Age Group (years)	%	%	%	%	%	%	%	%
16–20	3	4	4	14	46	9	2	—
21–24	15	15	13	26	19	12	32	50
25–29	17	18	18	17	12	16	20	32
30–34	11	14	14	11	7	13	9	8
35–39	11	12	11	10	6	10	7	3
40–49	19	20	19	10	5	18	10	3
50–59	14	12	12	6	1	11	11	2
60–69	2	2	1	1	—	2	2	—

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									Values represent percentages of the norm group in each demographic category and may not sum to 100 percent due to rounding; — indicates a value lower than 1%.
									Sample size
Industry	%	%	%	%	%	%	%	%	
Aerospace, Aviation	2	1	1	1	1	16	6	1	
Construction	8	9	7	13	11	7	5	4	
Education	1	1	—	1	2	—	2	5	
Energy, Utilities	4	3	2	4	2	3	9	1	
Government, Public Service, Defense	4	2	1	1	2	5	2	2	
Health Care	2	4	1	1	2	—	2	5	
Information Technology, High-Tech Telecommunications	2	2	—	—	1	1	4	9	
Manufacturing & Production	48	31	59	33	16	25	46	11	
Natural Resources, Mining	1	2	1	—	4	2	1	1	
Pharmaceuticals, Biotechnology	—	1	—	—	—	—	4	3	
Retail & Wholesale	2	1	3	6	10	3	1	11	
Transportation Warehousing	3	22	4	4	4	9	1	2	
Other	24	21	19	36	46	30	17	45	
Years in Current Occupation	%	%	%	%	%	%	%	%	
Not applicable (Never employed)	7	2	9	6	5	9	8	2	
Less than 1 year	17	18	19	31	36	14	25	34	
1 year to less than 2 years	13	15	14	17	22	14	16	25	
2 years to less than 4 years	17	18	18	20	19	17	15	21	
4 years to less than 7 years	15	15	14	16	10	13	14	10	
7 years to less than 10 years	8	8	9	3	2	8	5	3	
10 years to less than 15 years	8	9	6	5	4	10	6	2	
15 years or more	15	15	13	3	3	15	12	3	

Bennett Mechanical Comprehension Test® II (BMCT-II)		
Industry Norm Groups		
Normative Sample Composition		
Values represent percentages of the norm group in each demographic category and may not sum to 100 percent due to rounding; — indicates a value lower than 1%.	Energy and Utilities (2018)	Manufacturing and Production (2018)
Sample size	19605	4870
Education Level	%	%
Attended 12th grade or less, no diploma	2	1
High school diploma or GED	12	27
1–2 years of college	7	16
Associate's degree	4	10
3–4 years of college	5	4
Bachelor's degree	64	32
Master's degree	5	4
Sex	%	%
Female	15	11
Male	84	84
Ethnicity	%	%
White (non-Hispanic)	71	69
Black, African American	12	11
Hispanic, Latino/a	7	8
Asian/Pacific Islander	5	4
Native American	—	—
Other	1	1
Multiracial	3	2
Age Group (years)	%	%
16–20	4	3
21–24	42	21
25–29	28	21
30–34	9	12
35–39	5	9
40–49	6	16
50–59	4	11
60–69	1	2

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Industry Norm Groups		
Normative Sample Composition		
Values represent percentages of the norm group in each demographic category and may not sum to 100 percent due to rounding; — indicates a value lower than 1%.	Energy and Utilities (2018)	Manufacturing and Production (2018)
Sample size	19605	4870
Industry	%	%
Aerospace, Aviation	2	—
Construction	7	—
Education	5	—
Energy, Utilities	2	—
Government, Public Service, Defense	3	—
Health Care	5	—
Information Technology, High-Tech Telecommunications	7	—
Manufacturing & Production	—	100
Natural Resources, Mining	1	—
Pharmaceuticals, Biotechnology	3	—
Retail & Wholesale	10	—
Transportation Warehousing	7	—
Other	47	—
Years in Current Occupation	%	%
Not applicable (Never employed)	3	5
Less than 1 year	31	22
1 year to less than 2 years	23	17
2 years to less than 4 years	20	19
4 years to less than 7 years	11	13
7 years to less than 10 years	4	6
10 years to less than 15 years	3	7
15 years or more	5	12