

NAICS: 541710

updated June 2, 2021

Research and Development in the Physical, Engineering, and Life Sciences

Labor Category:	Formula	Managerial	Natural Science Managers	Technical	Soil and Plant Scientists	Biological Scientists	Biological Technicians	Clerical
Unloaded Hourly Rate ¹	= W	\$89.10	\$83.17	\$45.08	\$44.30	\$48.47	\$25.53	\$26.77
Benefits Percentage ²	Lb = B/W	46.0%	46.0%	46.0%	46.0%	46.0%	46.0%	46.0%
Benefits per hour	B = W*Lb	\$ 40.99	\$38.26	\$ 20.74	\$20.38	\$22.30	\$11.74	\$12.31
Loaded Hourly Rate	Wb = W + B = W(1+Lb)	\$130.09	\$121.43	\$65.82	\$64.68	\$70.77	\$37.27	\$39.08
Overhead Percentage ³	Lo = OH/Wb	50%	50%	50%	50%	50%	50%	50%
Overhead per hour	OH = Wb*Lo	\$ 65.04	\$60.71	\$ 32.91	\$32.34	\$35.38	\$18.64	\$19.54
Fully Loaded Hourly Rate	Wf = Wb + OH = W + B + OH	\$195.13	\$182.14	\$98.73	\$97.02	\$106.15	\$55.91	\$58.63

1. Data Source: BLS http://www.bls.gov/oes/current/naics5_541710.htm
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 Standard Occupational Codes:

- Management: 11-0000, Management Occupations
- Natural Science Managers 11-9121, Natural Science Managers
- Technical: 19-0000, Life, Physical, and Social Science Occupations
- Soil and Plant Scientists: 19-1013, Soil and Plant Scientists
- Biological Scientists: 19-1029, Biological Scientists, All Others
- Biological Technicians: 19-4021, Biological Technicians
- Clerical: 43-0000, Office and Administrative Support Occupations

2. Fringe benefits/wage per hour. The average for non farm, non federal civilian workers.

3. U. S. Environmental Protection Agency, *EPA Air Pollution Control Cost Manual, Sixth Edition*, EPA-452-02-001, January 2002, pg. 2-34. The loading for indirect costs is

May 2020 data

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