

14. APPENDIX D: WAGES FOR ROBOTICS ENGINEERS

14.1. ELECTRICAL ENGINEERS*

Massachusetts and United States	Annual Mean Wage	Versus Mass Robotics Cluster	Versus U.S.
Massachusetts	US\$103,660	-0.2%	8.2%
United States	US\$95,780	-7.8%	N/A
Mass Robotics Cluster Areas	Annual Mean Wage		Versus U.S.
Boston-Cambridge-Quincy	US\$104,480		9.1%
Barnstable Town	US\$85,960		-10.3%
Brockton-Bridgewater-Easton	US\$97,790		2.1%
Framingham	US\$109,560		14.4%
Haverhill-North Andover-Amesbury	US\$88,470		-7.6%
Lawrence-Methuen-Salem	US\$93,380		-2.5%
Lowell-Billerica-Chelmsford	US\$102,560		7.1%
New Bedford	US\$106,200		10.9%
Peabody	US\$96,570		0.8%
Taunton-Norton-Raynham	US\$105,720		10.4%
Worcester	US\$94,420		-1.4%
Weighted Mean = US\$103,827			
Top Paying U.S. States	Annual Mean Wage	Versus Massachusetts	Versus U.S.
California	US\$114,730	10.7%	19.8%
Alaska	US\$111,540	7.6%	16.5%
Massachusetts	US\$103,660	0.0%	8.2%
District of Columbia	US\$103,260	-0.4%	7.8%
Washington	US\$102,750	-0.9%	7.3%
Top U.S. Metropolitan Area	Annual Mean Wage	Versus Mass Robotics Cluster	Versus U.S.
San Jose-Sunnyvale-Santa Clara	US\$128,220	23.5%	33.9%
Fresno	US\$117,880	13.5%	23.1%
San Francisco-San Mateo-Redwood City	US\$117,620	13.3%	22.8%
Stockton	US\$117,140	12.8%	22.3%
Wilmington, NC	US\$116,300	12.0%	21.4%

(* Source: U.S. Department of Labor, Bureau of Labor Statistics)

14.2. MECHANICAL ENGINEERS*

Massachusetts and United States		Annual Mean Wage	Versus Mass Robotics Cluster	Versus U.S.
Massachusetts		US\$103,660	11.3%	19.0%
United States		US\$87,140	-6.4%	N/A
Mass Robotics Cluster Areas		Annual Mean Wage		Versus U.S.
Boston-Cambridge-Quincy		US\$93,510		7.3%
Barnstable Town		US\$85,010		-2.4%
Brockton-Bridgewater-Easton		US\$87,340		0.2%
Framingham		US\$96,780		11.1%
Haverhill-North Andover-Amesbury		US\$88,790		1.9%
Lawrence-Methuen-Salem		US\$87,070		-0.1%
Leominster-Fitchburg-Gardner		US\$81,590		-6.4%
Lowell-Billerica-Chelmsford		US\$93,710		7.5%
New Bedford		US\$83,180		-4.5%
Peabody		US\$102,360		17.5%
Taunton-Norton-Raynham		US\$116,780		34.0%
Worcester		US\$78,760		-9.6%
		Weighted Mean = US\$93,137		
Top Paying U.S. States		Annual Mean Wage	Versus Massachusetts	Versus U.S.
Alaska		US\$123,660	19.3%	41.9%
New Mexico		US\$100,970	-2.6%	15.9%
California		US\$99,360	-4.1%	14.0%
Texas		US\$99,080	-4.4%	13.7%
Louisiana		US\$98,390	-5.1%	12.9%
Top U.S. Metropolitan Area		Annual Mean Wage	Versus Mass Robotics Cluster	Versus U.S.
Anchorage		US\$125,260	34.5%	43.7%
Taunton-Norton-Raynham		US\$116,780	25.4%	34.0%
San Jose-Sunnyvale-Santa Clara		US\$111,720	20.0%	28.2%
Washington-Arlington-Alexandria		US\$110,060	18.2%	26.3%
Boulder		US\$109,920	18.0%	26.1%

(* Source: U.S. Department of Labor, Bureau of Labor Statistics)

14.3. SOFTWARE DEVELOPERS, SYSTEMS SOFTWARE*

Massachusetts and United States		Annual Mean Wage	Versus Mass Robotics Cluster	Versus U.S.
Massachusetts		US\$ 114,350	-1.7%	7.8%
United States		US\$ 106,050	-8.8%	N/A
Mass Robotics Cluster Areas		Annual Mean Wage		Versus U.S.
Boston-Cambridge-Quincy		US\$ 116,270		9.6%
Brockton-Bridgewater-Easton		US\$ 109,450		3.2%
Framingham		US\$ 111,240		4.9%
Haverhill-North Andover-Amesbury		US\$ 107,780		1.6%
Lawrence-Methuen-Salem		US\$ 94,070		-11.3%
Lowell-Billerica-Chelmsford		US\$ 117,930		11.2%
Peabody		US\$ 95,460		-10.0%
Taunton-Norton-Raynham		US\$ 114,060		7.6%
Worcester		US\$ 111,670		5.3%
		Weighted Mean = US\$ 116,270		
Top Paying U.S. States		Annual Mean Wage	Versus Massachusetts	Versus U.S.
California		US\$ 124,070	8.5%	17.0%
Massachusetts		US\$ 114,350	0.0%	7.8%
New Jersey		US\$ 113,620	-0.6%	7.1%
Washington		US\$ 113,610	-0.6%	7.1%
Vermont		US\$ 113,610	-0.6%	7.1%
Top Paying U.S. Metropolitan Areas		Annual Mean Wage	Versus Mass Robotics Cluster	Versus U.S.
San Jose-Sunnyvale-Santa Clara		US\$ 138,410	19.0%	30.5%
Oakland-Fremont-Hayward		US\$ 124,220	6.8%	17.1%
Baltimore-Towson		US\$ 123,860	6.5%	16.8%
Los Angeles-Long Beach-Glendale		US\$ 120,690	3.8%	13.8%
San Francisco-San Mateo-Redwood City		US\$ 120,400	3.6%	13.5%

(* Source: U.S. Department of Labor, Bureau of Labor Statistics)

14.4. SOFTWARE DEVELOPERS, APPLICATIONS*

Massachusetts and United States		Annual Mean Wage	Versus Mass Robotics Cluster	Versus U.S.
Massachusetts		US\$109,670	-0.8%	10.2%
United States		US\$99,530	-10.0%	N/A
Mass Robotics Cluster Areas		Annual Mean Wage		Versus U.S.
Boston-Cambridge-Quincy		US\$112,630		13.2%
Brockton-Bridgewater-Easton		US\$88,880		-10.7%
Framingham		US\$100,610		1.1%
Haverhill-North Andover-Amesbury		US\$100,900		1.4%
Lawrence-Methuen-Salem		US\$108,090		8.6%
Lowell-Billerica-Chelmsford		US\$109,230		9.7%
Peabody		US\$83,790		-15.8%
Taunton-Norton-Raynham		US\$99,230		-0.3%
Worcester		US\$104,600		5.1%
		Weighted Mean = US\$110,562		
Top Paying U.S. States		Annual Mean Wage	Versus Massachusetts	Versus U.S.
California		US\$119,970	9.4%	20.5%
Washington		US\$115,370	5.2%	15.9%
Massachusetts		US\$109,670	0.0%	10.2%
Maryland		US\$108,300	-1.2%	8.8%
New York		US\$107,020	-2.4%	7.5%
Top Paying U.S. Metropolitan Areas		Annual Mean Wage	Versus Mass Robotics Cluster	Versus U.S.
San Jose-Sunnyvale-Santa Clara		US\$142,370	28.8%	43.0%
Oakland-Fremont-Hayward		US\$121,200	9.6%	21.8%
San Francisco-San Mateo-Redwood City		US\$117,610	6.4%	18.2%
Seattle-Bellevue-Everett		US\$117,460	6.2%	18.0%
Baltimore-Towson		US\$114,350	3.4%	14.9%

(* Source: U.S. Department of Labor, Bureau of Labor Statistics)

14.5. COMPUTER HARDWARE ENGINEERS*

Massachusetts and United States	Annual Mean Wage	versus Mass Robotics Cluster	Versus U.S.
Massachusetts	US\$115,620	-0.6%	4.5%
United States	US\$110,650	-4.8%	0.0%
Mass Robotics Cluster Areas	Annual Mean Wage		Versus U.S.
Boston-Cambridge-Quincy	US\$115,660		4.5%
Framingham	US\$114,740		3.7%
Lawrence-Methuen-Salem	US\$105,750		-4.4%
Lowell-Billerica-Chelmsford	US\$124,290		12.3%
Worcester	US\$125,540		13.5%
Weighted Mean = US\$116,283			
Top Paying U.S. States	Annual Mean Wage	versus Massachusetts	Versus U.S.
California	US\$123,270	6.6%	11.4%
Maryland	US\$117,730	1.8%	6.4%
Virginia	US\$116,240	0.5%	5.1%
Massachusetts	US\$115,620	0.0%	4.5%
District of Columbia	US\$113,940	-1.5%	3.0%
Top Paying U.S. Metropolitan Areas	Annual Mean Wage	versus Mass Robotics Cluster	Versus U.S.
San Jose-Sunnyvale-Santa Clara	US\$136,220	17.1%	23.1%
San Francisco-San Mateo-Redwood City	US\$130,470	12.2%	17.9%
Worcester	US\$125,540	8.0%	13.5%
Lowell-Billerica-Chelmsford	US\$124,290	6.9%	12.3%
Baltimore-Towson	US\$123,020	5.8%	11.2%

* Source: U.S. Department of Labor, Bureau of Labor Statistics