

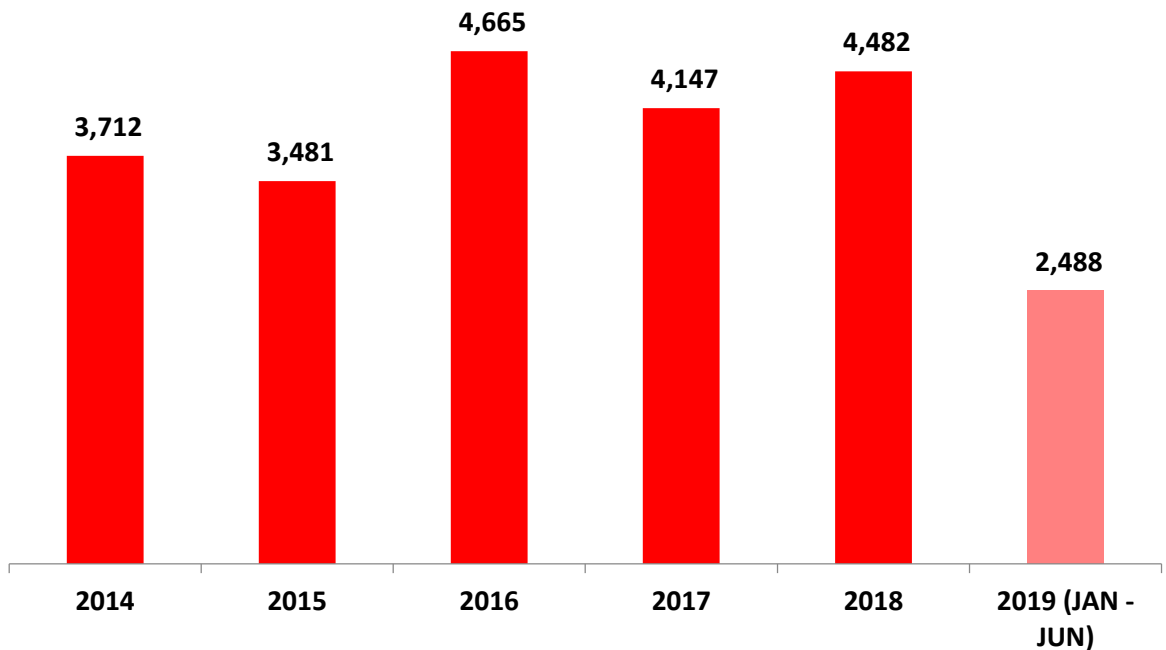


Leading Employers in Chelmsford - 2018

Company Name	Address	Employees
Lockheed Martin Corporation	16 Maple Rd	1,261
Zoll Medical Corporation	269 Mill Rd	1,180
Brooks Automation, Inc.	15 Elizabeth Dr	700
72 Mobile Holdings, LLC	19 Alpha Rd	555
Chelmsford Public Schools	230 North Rd	500
Brooks Automation, Inc.	12 Elizabeth Dr	450
C. R. Bard, Inc.	1 Executive Dr Ste 303	446
M/A Com	150 Apollo Dr	441
Aecom C&E, Inc	250 Apollo Dr	400
Analog Devices Federal LLC	20 Alpha Rd	300
The Stop & Shop Supermarket Company LLC	299 Chelmsford St	299
Hannaford Bros. Co., LLC	66 Drum Hill Rd 2	225
Mercury LLC - Rf Integrated So	201 Riverneck Rd	205
Bull Hn Information Systems Inc.	285 Billerica Rd	200
Demoulas Super Markets, Inc.	288 Chelmsford St	200
Walmart Inc.	66 Parkhurst Rd	190
Waddington North America, Inc	6 Stuart Rd	182
Axis Communications, Inc.	300 Apollo Dr Ste 9	175
Raytheon Company	49 Amble Rd	170
Genesis Eldercare National Centers, Inc.	40 Parkhurst Rd	153
Lockheed Martin Corporation	16 Maple Rd	150
Adva Optical Networking North America, Inc.	300 Apollo Dr	150
By Appointment Only, Inc.	300 Apollo Dr Ste 2	140
Town of Chelmsford	170 Dalton Rd	139
Rockwell Automation, Inc.	2 Executive Dr	130
Sunny Acres Nursing Home Inc	254 Billerica Rd	125
Albert H Notini & Sons, Inc.	294 Old Westford Rd	120
Thermo Egs Gauging LLC	22 Alpha Rd	120
Radisson Heritage Hotel, Radisson Inn	10 Independence Dr	120
3M, Electrical Products Division	279 Billerica Rd	118

Job Openings by Industry Sector			
Sector	Chelmsford Listings	Share All Chelmsford Listings	Compare: Share All MA Listings
Manufacturing	962	24.7%	8.8%
Health Care and Social Assistance	658	16.9%	24.2%
Professional, Scientific, and Technical Services	493	12.6%	12.7%
Educational Services	245	6.3%	10.5%
Information	231	5.9%	3.1%
Retail Trade	229	5.9%	9.6%
Administrative, Support, Waste Mgmt Services	227	5.8%	3.8%
Transportation and Warehousing	187	4.8%	3.1%
Finance and Insurance	174	4.5%	8.0%
Accommodation and Food Services	161	4.1%	6.9%
Other Services (except Public Administration)	102	2.6%	1.6%
Construction	75	1.9%	1.2%
Real Estate and Rental and Leasing	63	1.6%	1.9%
Public Administration	38	1.0%	2.2%
Arts, Entertainment, and Recreation	21	0.5%	1.0%
Wholesale Trade	18	0.5%	0.7%
All Other	18	0.5%	0.8%

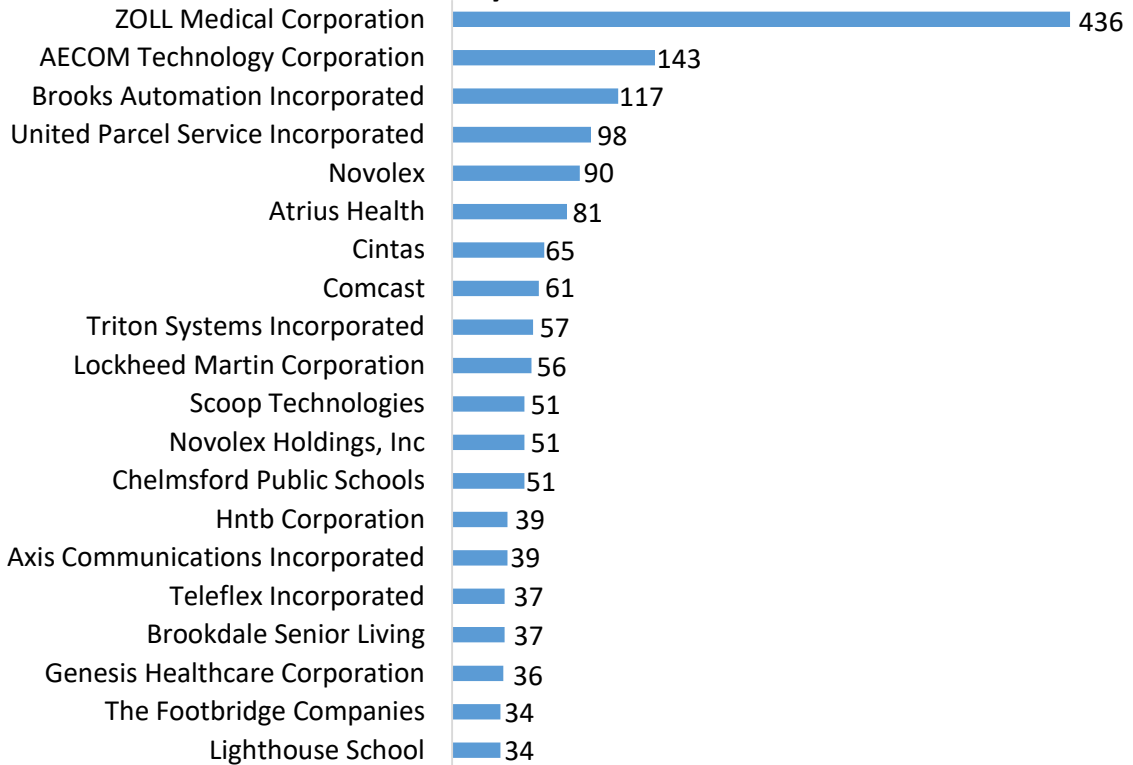
Job Listings by Chelmsford Employers: 2014 - 2019



Source: Burning Glass Labor Market Insight, 2019; MassEcon analysis.

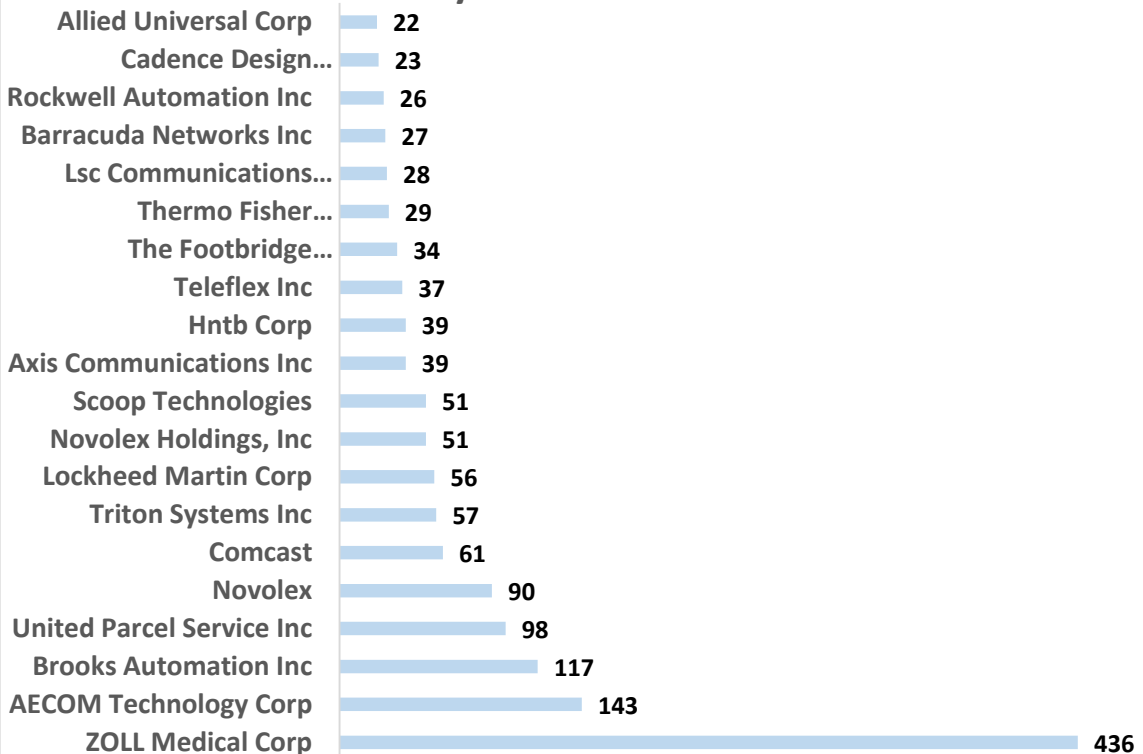
Leading Job Listings - Past 12 Months

July 2018 to June 2019



Leading Job Openings - Export Industries

July 2018 to June 2019



High Concentration Industries in Chelmsford

June 2018 Establishments, Employment, Payroll and Location Quotients*

Industry (NAICS)	Establishments	Employment	Annual Payroll	Location Quotient *
551114 Managing offices	344	32,654	4,797,617,646	2.29
541714 R&D Biotech (except nanobiotech)	613	27,304	\$5,909,790,283	22.5
511210 Software publishers	498	20,557	3,626,166,536	7.97
541511 Custom computer programming services	1,298	20,314	3,210,834,731	3.46
541512 Computer systems design services	897	19,669	3,065,895,601	3.1
541715 R&D in physical, engineering, & life sciences (except nano-, biotech)	500	19,254	2,913,180,934	7.36
541330 Engineering services	562	12,409	1,570,378,717	2.01
541611 Administrative management consulting services	749	6,345	900,605,684	1.62
325412 Pharmaceutical preparation manufacturing	32	5,149	783,291,675	4.04
518210 Data processing, hosting and related services	185	4,834	819,135,011	2.3
334516 Analytical laboratory instrument mfg.	53	4,821	611,185,487	20.85
334413 Semiconductors and related device mfg.	37	4,487	701,373,733	3.85
519130 Internet publishing and web search portals	154	4,102	968,817,070	2.63
541613 Marketing consulting services	305	4,063	515,970,934	2.38
524114 Direct health and medical insurance carriers	17	3,595	362,066,325	1.53

*All data is for Middlesex County. Chelmsford includes representation in each of these high concentration industries. Location Quotients of more than 1.0 indicate a greater employment concentration in the region versus the nation as a whole. A 2.0 LQ indicates twice the number of employees for the population than average, indicating a strong industry strength.

Chelmsford Companies (>25 employees) in selected high concentration industries

Organization	Location	Employees	Ultimate Parent Company	Location	Revenue (USD)
Lockheed Martin Corporation	16 Maple Rd	1,261	Lockheed Martin Corporation	Bathesda, MD	
Zoll Medical Corporation	269 Mill Rd	1,180	ASAHI KASEI CORPORATION	Tokyo, Japan	540,319,820
Brooks Automation, Inc.	15 Elizabeth Dr	700			
72 Mobile Holdings, LLC	19 Alpha Rd	555			8,322,900
Brooks Automation, Inc.	12 Elizabeth Dr	450	Brooks Automation, Inc.	United States	
C. R. Bard, Inc.	1 Executive Dr Ste 303	446	Becton, Dickinson and Company	Franklin Lakes, NJ	
M/A COM	150 Apollo Dr	441	Harris Corporation*	Mebourne, FL	
Aecom C&E, Inc	250 Apollo Dr	400	Aecom	Los Angeles, CA	783,883,610
Analog Devices Federal LLC	20 Alpha Rd	300	Analog Devices, Inc.	Norwood, MA	21,207,399
Mercury LLC - Rf Integrated So	201 Riverneck Rd	205	Lockheed Martin Corporation	Bathesda, MD	8,736,800
Bull Hn Information Systems Inc.	285 Billerica Rd	200	ATOS SE	Bezons, France	78,922,401
Waddington North America, Inc	6 Stuart Rd	182	Oak Hill Capital Partners, L.P.	New York, NY	
Axis Communications, Inc.	300 Apollo Dr Ste 9	175	CANON INC.	Tokyo, Japan	47,591,000
Raytheon Company	49 Amble Rd	170	Raytheon Company*	Waltham, MA	
Adva Optical Networking N. A., Inc.	300 Apollo Dr	150	ADVA Optical Networking SE	Martinsned, Germany	

*= Subject of recent / pending corporate merger

Source: U.S. Bureau of Labor Statistics; Dun & Bradstreet Hoovers, 2019; MassEcon analysis.

Chelmsford Site

Lockheed Martin Corporation

16 Maple Rd
Chelmsford, Massachusetts, 01824-3737
Tel: 978-256-4113

Employees: 1.2k (This Site)
Company Type: Private Branch
Parent: [Lockheed Martin Corporation](#)
Corporate Family: [717 Companies](#)
D-U-N-S® Number: 01-954-3677

Colin Sterling, General Manager

- 14 years of service to company
- Brigham Young University
 - MSME – 2002-2004
 - BSME – 1994 to 2002

Other MA Sites

Lockheed Martin Corporation

40 Mall Rd
Burlington, Massachusetts, 01803-4519
Tel: 781-273-0008
Employees: 1K

Lockheed Martin Corporation

5 Mount Royal Ave
Marlborough, Massachusetts, 01752-1981
Tel: 508-460-0086
Employees: 435

Lockheed Martin Corporation

75 S Church St
Pittsfield, Massachusetts, 01201-6185
Tel: 413-236-3400
Employees: 435

Lockheed Martin Sippican, Inc.

7 Barnabas Rd
Marion, Massachusetts, 02738-1421
Tel: 508-748-3399
Employees: 310

Lockheed Martin Advanced Energy Storage, LLC

61 Moulton St
Cambridge, Massachusetts, 02138-1127
Tel: 617-374-3797
Employees: 19



Lockheed Martin Corporation is primarily engaged in manufacturing search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Important products of this industry are radar systems and equipment; sonar systems and equipment; navigation systems and equipment; countermeasures equipment; aircraft and missile control systems and equipment; flight and navigation sensors, transmitters, and displays; gyroscopes; airframe equipment instruments; and speed, pitch, and roll navigational instruments and systems.

Ultimate Headquarters

6801 Rockledge Dr
Bethesda, Maryland, 20817-1877
Tel: 301-897-6000

www.lockheedmartin.com

Employees: 105k (All Sites)

Company Type: Public Parent, Headquarters
Corporate Family: [717 Companies](#)

Marilyn A. Hewson, CEO

Ms. Marillyn A. Hewson serves as Chairman of the Board, President, Chief Executive Officer of the Company. Having served 35 years at Lockheed Martin in roles of increasing responsibility, recent roles include:

- Chief Executive Officer and President, from January 2013 to December 2013
- President and Chief Operating Officer, from November 2012 to December 2012
- Executive Vice President – Electronic Systems, from January 2010 to November 2012

Ms. Hewson currently serves on the University of Alabama's Culverhouse College of Commerce and Business Administration Board of Visitors; the Board of Governors of the USO; the Board of Governors of the Aerospace Industries Association; the Board of Directors of the Congressional Medal of Honor Foundation; the Board of Directors of Catalyst, Inc.; the International Advisory Board of the Atlantic Council and as a Vice Chair of the Business Roundtable.

Zoll Medical Corporation

269 Mill Rd
Chelmsford, Massachusetts, 01824-4105
Tel: 978-421-9655

Employees: 1.1k (This Site) 1.9k (All Sites)
Company Type: Private Subsidiary, Headquarters
Parent: [ASAHI KASEI CORPORATION](#)
Corporate Family: [494 Companies](#)
D-U-N-S® Number: 05-536-3428

Jonathan A. Rennert **Chief Executive Officer**

Mr. Rennert was named Chief Executive Officer of ZOLL in April 2016. Since joining ZOLL in 2008 as President, he has led the company to become the global leader in external defibrillation, diversified the product portfolio through the addition of transport ventilators and intrathoracic pressure regulation (IPR) therapy, and has overseen the establishment of Asahi Kasei ZOLL Medical, ZOLL's Japanese subsidiary. Prior to joining ZOLL, Mr. Rennert led the analytical instruments business at PerkinElmer, Inc., and earlier in his career, held manufacturing and engineering leadership positions with United Technologies and General Electric. **Mr. Rennert holds master's degrees in management and mechanical engineering from the Massachusetts Institute of Technology (MIT)** and a bachelor's degree in mechanical and aerospace engineering from Princeton University.



Zoll Medical Corp (Zoll), a subsidiary of Asahi Kasei Corp, is a provider of medical devices and software solutions for advance emergency care. The company designs, manufactures and markets resuscitation devices and systems used for resuscitation and acute critical care victims. Zoll's product portfolio includes defibrillators and monitor, automated CPR, hospital software solutions, temperature management systems, ventilators, wearable defibrillator, power infuser, related accessories and others. The company caters its products and solutions to hospitals, public safety, EMS and fire, alternate care, military, and government and homeland security markets. The company operates in North America, Asia-Pacific, Europe, the Middle East and Africa, and Latin America regions. Zoll is headquartered in Massachusetts, the US.

Ultimate Headquarters **Asahi Kasei Corporation**

1-1-2, Yurakucho , Hibiya Mitsui Tower
Chiyoda-Ku, Tokyo, 100-0006
Japan

Tel: 366993000

Fax: 332963162

www.asahi-kasei.co.jp

Employees: 39k (All Sites)

Company Type: Public Parent, Headquarters

Corporate Family: [494 Companies](#)

Traded: [3407](#) (Tokyo Stock Exchange)

D-U-N-S® Number: 69-053-5364

Hideki Kobori, President

- Assumed role in April 2016
- Previously, Senior Managing Executive Officer
- Education: B.A., Business Administration, Kobe University