

HED 9/30.12/1978-83

c.)

COLORADO STATE PUBLICATIONS LIBRARY
HED9/30.12/1978-83 local
Occupational supply and demand matrix,



3 1799 00034 7617



OCCUPATIONAL SUPPLY AND DEMAND MATRIX
1978 - 1983
DENVER METROPOLITAN VOCATIONAL EDUCATION
PLANNING REGION

State Occupational Information Coordinating Committee
(SOICC)

in cooperation with

Division of Occupational Education
State Board for Community Colleges and Occupational Education

and

Division of Employment and Training
Department of Labor and Employment

March, 1979

DENVER-BOULDER TOTALS

PROGRAM: U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATED CURRENT EMPLOYMENT
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
010100	Production Agriculture (includes farm business management, dairy, beef, swine, horses, poultry, sheep, and other specialized production).	190	230	0		650 0 0 150		Farmers Farm Managers Farm Laborer Supervisors Farm Laborers	Census " " "	3460 110 80 2860
		TOTAL	190	230		420	800	380		
010200	Agriculture Supplies (includes Ag chemicals and fertilizers)	20		0		100 0 0		Biological Science Tech. Mixer-Food Washer-Separator-Food	55B93	580 60 20
		TOTAL	20		0	20	100	80		
010300	Agriculture Mechanics (includes agriculture power and machinery)	5		0		0 0		Farm Equipment Mechanic Farm Equipment Operator	51025 55S23	50 40
		TOTAL	5		0	5	0	(5)		
010400	Agriculture Products (includes feed mill operators, farm cooperative occupations)	5		0		0 100 0 0 50 0 0 0 0		Drier Operator Butcher-All Around Butter Maker Cheese Maker Dairy Processing Equip. Opr. Miller-Grinder Smoker Pickler-Food Grader-Food/Skins	55F34 55F35 55G08 55H35 55P55 55T58 55K90	20 480 0 20 120 40 10 0 40
		TOTAL	5		0	5	150	145		

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYMEN
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
010500	Ornamental Horticulture (includes greenhouse, landscaping, nursery, turf management)	305		0		650		Gardners and Groundskeepers	55T47	1820
	TOTAL	305		0	305	650	345			1820
010600	Agriculture Resources (includes wildlife, forestry, recreation, environmental protection, soil management, water management, and resources management)	55		0		50 50 100 0 0 200		Life Scientist Agricultural Scientist Biological Scientist Forest Conservation Worker Fish and Game Warden Gardners and Groundskeepers	22308 44060 55T47	160 90 480 10 20 640
	TOTAL	55		0	55	400	345			1200
019900	Other Agriculture (includes Vet. Asst.)	5	130	0		50		Animal Caretaker	55D14	240
	TOTAL	5	130	0	135	50	(85)			240
040100	Advertising Services (includes mass media technology)	60				100 5 5 50 5 300 100 150 5 200		Manager Advertising Market Research Analyst Media Buyer Commercial Artist Media Analyst Public Relations Practitioner Display and Winder Trimmer Sales Representative Account Executive All Other Sales Representatives	10021 23003 25472 55E22 71000 25472 71000	230 30 50 150 20 750 250 480 40 480
	TOTAL	60		152	212	920	708			2480

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE/ CURRENT EMPLOYME
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
040101	Broadcasting	25	215	20		12 143 37 37 378		Cameraman Announcer; Radio & T.V. Broadcast Technician Broadcast News Analyst Writer or Editor	25205 25409 32017 25412 25436	31 360 143 43 973
	TOTAL	25	215	398	638	607	31			1550
040200	Apparel and Accessories	465	1066	102		5 50 400		Fashion Coordinator Checker-Fitting Room Sales Representative	10033 71000	5 60 900
	TOTAL	465	1066	102	1633	455	1178			965
040300	Automotive (includes auto services)	260	155			19 37 100 150 50 300 250 1650		Glass Installer Auto Seat Cover and Top Installer Manager-Auto Service Department Manager-Auto Parts Department Auto Repair Service Estimator Parking Lot Attendant Car Rental Clerk Sales Representative	55596 55584 55A13 55C17 71000	37 124 410 310 100 530 420 3810
	TOTAL	260	155		415	2556	2141			5741
040400	Finance and Credit (includes banking and finance managers)	135	1305	552		1200 100 5 5 5 200 50 50 350		Managers and Officers Credit Analyst Brokers Floor Representative Brokerage Clerk Security Cashier-Exchange New Accounts Teller Safe Deposit Clerk Sales Representative Sales Agent-Securities	10003 25429 61308 61319 61349 61365 71000 71009	3880 250 70 50 40 450 90 190 1180
	TOTAL	135	1305	552	1992	1965	(27)			6200

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYM
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
041100	Hotels and Lodging	70	10	204		550 150 50 450 5		Managers and Officers Bellhop/Baggage Porter/Doorman Checkroom Attendant Desk Clerk Travel Clerk	19000 44003 44079 61391	1630 300 50 830 20
	TOTAL	70	10	204	284	1105	821			2830
041200	Industrial Marketing	60		36		1850		Sales Representative	71000	5900
	TOTAL	60		36	96	1850	1754			5900
041300	Insurance	20	1165			800 50 200 200 200 50 750		Manager Investigator-Insurance Underwriter Special Agent-Insurance Claim Adjuster Claim Examiner-Life/Health/Accident Sales Agent-Insurance	10013 25503 25548 61316 25533 71012	2430 120 680 650 640 80 2740
	TOTAL	20	1165		1185	2250	1065			7340
041600	Petroleum	60				250 1100 200		Lease Buyer Fuel Pump Attendant &/or Lubricator Sales Representative	25447 71000	390 4830 580
	TOTAL	60			60	1450	1390			5800
041700	Real Estate	370	35825	115		5 5 50 50 5 200 1250		Manager-Property/Bldg. Supt. Right of Way Agent Appraiser-Real Estate Sales Representative Business Broker Real Estate Broker Sales Agent	10019 25477 25527 71000 19000 71008	5 30 210 220 20 420 2880
	TOTAL	370	35825	115	36310	1565	(34745)			3755

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATEE CURRENT EMPLOYMEN
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
041800	Recreation and Tourism (includes ski area technology)	130	1245			100		Manager-Theatre	19000	330
						100		Photographer	25299	360
						400		Recreation Facility Attendant	44029	1090
						550		Cashier	61314	1000
						100		Desk Clerk-Bowling	61325	180
						50		Sales Representative	71000	220
	TOTAL	130	1245		1375	1300	(75)			3180
041900	Transportation	115				1100		Flight Attendant	44012	1630
						5		Baggage Handler	55A16	10
						5		Taxi Driver	55D09	50
						250		Reservation Agent	61305	850
						150		Ticket Agent	61385	420
						50		Traffic Clerk	55B29	130
						50		Dispatcher-Airplane	62012	90
						100		Transportation Agent	62015	350
						50		Sales Representative	71000	110
						5		Crating and Moving Estimator	71004	40
						5		Traffic Agent	71010	70
	TOTAL	115			115	1770	1655			3750
041901	Bus and Truck Driver	0	320			161		School Bus Driver	55V05	484
						500		Bus Driver (except school)	55A36	1470
						1271		Truck Driver	54000	13032
	TOTAL	0	320		320	1931	1611			14986
042000	Other Retail Trade	460				550		Order Filler	61350	2320
						1250		Stock Clerk-Sales Floor	62008	4860
	TOTAL	460			460	1800	1340			7180

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYM
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
043100	Other Wholesale Trade	55				550 700		Wholesaler Sales Representative	10048 71000	2140 2670
	TOTAL	55			55	1250	1195			4860
049900	Other Distributive Education	105		372		350 300 250		Purchasing Agent/Buyer Sales Representative Service Representative	25300 71000 19000	1320 710 750
	TOTAL	105		372	477	900	423			2780
070100	Dental Dental Assistant and Aide	185	330			900	570	Dental Assistant	34003	1550
	Dental Hygienist	0				450	450	Dental Hygienist	35001	710
	Dental Laboratory Technician	5				100	95	Dental Laboratory Technician	55062	370
	TOTAL	190	330		520	1450	930			2630
070200	Medical Laboratory Technology Medical Laboratory Technician	85	1375	168		700	532	Medical Laboratory Technician	35010	1500
						5		Microbiology Technologist	35004	5
						5		Cytotechnologist	35005	10
	Medical Laboratory Tech. Asst.	70				180	110	Histologic Technician Medical Laboratory Tech. Asst.	22502	5 180
TOTAL	155	1375	168	1698	815	(883)			1700	
070300	Nursing Nurse Associate	530		819		1345	526	Nurse-Professional	25457	7149
	Licensed Practical Nurse	420		87		1531	1444	Licensed Practical Nurse	34013	3472
	Surgical Technician	55		77		161	84	Surgical Technician	34034	19
	Nurse Aide and Home Health Aide	650		2		2096	2094	Nurse Aide and/or Orderly	44025	10063
	Psychiatric Aide	0				68	68	Psychiatric Aide	44028	12
	TOTAL	1655		985	2640	5201	2561			20715

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATED CURRENT EMPLOYMENT
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
070400	Rehabilitation (includes physical therapy tech. and occupational therapy technician)	5				5 5		Physical Therapy Technician Occupational Therapy Technician	25468	40 20
		TOTAL	5		5	10	5			60
070501	Radiologic Technology (includes radiation therapy and radiation, other)	275		2		12 300		Radiation Therapy X-Ray Technician		54 570
		TOTAL	275		2	277	312		35	624
070502	Nuclear Medical Technology	5		11		16		Nuclear Medicine Technician	35018	42
		TOTAL	5		11	16	16			0
070600	Ophthalmic (includes Ophthalmic dispensing, Optometrist Asst., and Ophthalmic, Other)	80				100		Optician-Dispensing/Mechanic	55069	250
		TOTAL	80		80	100	20			250
070903	Respiratory Therapy (includes Asst.)	155		32		124		Inhalation Therapist		143
		TOTAL	155		32	187	124		(63)	143
070904	Medical Assistant	300				500		Medical Assistant	44081	890
		TOTAL	300		300	500	200			890
070909	Mortuary Science	0				50 0		Embalmer Lady Attendant	25437	100 20
		TOTAL	0		0	50	50			120

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMAT CURRENT EMPLOYM
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
070999	Miscellaneous Health Occupations (includes orthopedic asst., ultra sound tech., mental health tech., mental retardation aide, drug and alcohol abuse tech., and biomedical technology)	370		18						
	EKG Technician	140				47		Electrocardiograph Technician	35011	149
						5		Electroencephalograph Technician	35012	12
						425		Other Health Technicians		1345
	TOTAL	510		18	528	477	(51)			1506
079999	Emergency Medical Technology (upgrading training)	500				155		Ambulance Drivers		
						341		Fire Fighters	44552	
						682		Police	44502	
						124		Sheriff	44506	
	TOTAL	500			500	1302	802			
090201	Child Care and Guidance (includes special education aide, teacher aide)	775		272		150		Child Care Attendant	44077	200
						1250		Child Care Worker		2390
	TOTAL	775		272	1047	1400	353			2590
090205	Institutional/Home Management	110				2650		Maid		4210
						450		Housekeeper	44019	1010
	TOTAL	110			110	3100	2990			5220

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMAT CURRENT EMPLOYM	
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL						
140100	Accounting and Computing	3195	2131	1193		200		Cost Estimator		860	
						50		Credit Analyst-Chief		25428	100
						900		Bookkeeping and Billing Mach. Opr.		61103	1950
						200		Proof Machine Operator		61112	480
						5150		Bookkeeper-Hand		61307	11760
						1050		Cashier		61314	2220
						650		Payroll/Timekeeping Clerk		61351	1570
						1200		Teller		61314	2500
						50		Transit Clerk		61389	90
						50		Telephone Ad Taker-News			120
	Medical Insurance Clerk	65			250		Insurance Clerk-Medical	61348	410		
	TOTAL	3260	2131	1193	6584	9750	3166		22066		
140202	Computer and Console Operator	110				650		Computer Operator	61105	1430	
	TOTAL	110			110	650	540			1430	
140203	Programmers	515	95			600		Computer Programmer		2490	
	TOTAL	515	95		610	600	(10)			2490	
140201	Data Entry	981	342			1700		Keypunch Operator	61107	2870	
	TOTAL	981	342		1323	1700	377			2870	
140299	Other Business Data Processing (includes data method/systems procedures analyst)	109		146		450		EDP Systems Analyst	24001	1840	
						50		Peripheral EDP Equipment Opr.		220	
						0		Tabulating Machine Operator		30	
	TOTAL	109		146	255	500	245			2090	

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYEES
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
140300	Filing-Office Machines-Clerical	7315	120			0		Linecasting Machine Keyboard Opr.		50
						5		Phototypesetting Mach. Keyboard Opr.	55T14	40
						100		Proofreader-Composed Copy	55T15	180
						50		Duplicating Machine Operator	66120	120
						2300		Accounting Clerk	61301	5360
						5		Actuarial Clerk	22101	10
						50		Call Out Operator	61309	60
						5		Cancellation Clerk	61310	20
						50		Checking Clerk-Bank Records		130
						5		Estimator/Media Clerk/Billor	25427	10
						1415		File Clerk	61330	2610
						50		Insurance Clerk	61348	90
						10150		General Clerk-Office	61333	22800
						50		In-File Operator		50
						5		Margin Clerk	61345	30
						50		Order Clerk	61350	90
						150		Policy Change Clerk	61353	320
						5		Credit Reference Clerk	61357	30
						300		Rater	61358	700
						100		Real Estate Clerk	61360	200
						150		Statement Clerk	61372	340
						250		Statistical Clerk	61374	630
						50		Title Searcher	61384	60
						50		Worksheet Clerk		120
						100		Circulation Clerk	61416	230
						50		Classified Ad Clerk-News	61417	120
						50		Insurance Checker	61420	100
50		Sorting Clerk-Bank		60						
50		Rate Clerk-Freight	62035	100						
	TOTAL	7315	120		7435	15645	8210			34660
140301	Medical Records Technology (includes medical records tech. asst.)	35				93		Health Records Technician	Census	242
	TOTAL	35			35	93	58			242

DENVER-BOULDER TOTALS

PRGGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATED CURRENT EMPLOYMENT
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
140400	Information Communication (includes central supply technology, medical communications, information tech.)	50				100		Mailer	55T31	240
						5		Addressing Machine Operator	61101	40
						50		Inserting/Labeling Mach. Opr.	61117	110
						100		Correspondence Clerk	61323	240
						50		Information Clerk	61337	130
						500		Library Assistant	61339	1130
						400		Mail Clerk	61343	1000
						5		Messenger-Bank	61347	50
						5		Private Branch Service Advisor	61354	30
						2900		Receptionist	61361	5330
						5		Service Observer	61370	30
						650		Survey Worker	61375	1440
						1350		Switchboard Operator	55D03	2620
						1150		Switchboard Operator/Receptionist	55D03	2200
						100		Messenger		210
						150		Credit Clerk	61421	440
						250		Postal Service Clerk	61427	1120
						300		Directory Assistance Operator	61423	660
						50		Telegraph Operator	61429	160
						800		Central Office Operator	61430	1680
50		Motor Reader-Utilities	62002	250						
750		Postal Mail Carrier		4840						
	TOTAL				9720					38222
140500	Materials Support (includes inventory control)	5				50		Claim Examiner-Property & Casualty	61423	140
						5		Weigher-Production	55T43	10
						450		Production Clerk/Coordinator	62003	1610
						800		Shipping Packer		2380
						900		Shipping & Receiving Clerk		3250
						50		Weigher-Record Keeping		120
						3850		Stock Clerk	62008	11520
						150		Dispatcher-Vehicle Service Work	62003	510
5		Tally Clerk-Sawmill		5						
	TOTAL	5			5	6310	6305			19545

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYE
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
140600	Personnel/Training & Related Occs.	5				200		Employment Interviewer	25443	590
						450				
						50		Claims Taker-Unemployment Benefits	61352	130
						500		Personnel Clerk		
	TOTAL	5			5	1200	1195			3280
140700	Stenographic/Secretarial and Related Occs. (includes court reporters, legal, medical, and technical secretaries)	2760	549	144		1500		Stenographer	61200	3110
						11700				
	TOTAL	2760	549	144	3453	13200	9747			24120
140800	Supervisory/Administrative and Related Occs. (includes clerical and office supervisors, office managers, and chief clerks)	530	402			100		Purchasing Agent/Buyer	25300	410
						1200				
	TOTAL	530	402		932	1300	368			4340
140900	Typing and Related Occupations (includes word processing)	0				5		Strike On Machine Operator	61392	20
						5250				
	TOTAL	0			0	5255	5255			4340
149900	Office Occupations-Other	15				150		Claims Clerk	61434	600
						150				
						100		Loan Closer-New Construction		220
						5		Trade Recorder		20
						150		Credit Authorizer	61344	400

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMAT CURRENT EMPLOY
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
149900	Office Occupations-Other (con't.)					300 50 5 100 50		Order Clerk Service Clerk Transfer Clerk Mortgage Closing Clerk Court Clerk Town Clerk	61422 61425 61426	2100 220 20 400 540 190
	TOTAL	15			15	1110	1095			5210
149901	Paralegal Assisting	180	155			248		Paralegal Personnel	25462	217
	TOTAL	180	155		335	248	(87)			217
160107	Electrical and Electronic Technology (includes commercial, industrial, elect. digital electronics, electro- mechanical tech., vending machine repairer, computer maintenance, and vending machine maintenance)	1225	735			750 50 5 50		Electrical & Electronic Tech. Broadcast Technician Electromechanical Equip. Repair Electronics Mechanic	32004 55862 51077	3820 190 10 360
	TOTAL	1225	735		1960	855	(1105)			4380
160111	Industrial Technology	50				31		Industrial Technician	32019	80
	TOTAL	50			50	31	(19)			80
160113	Mechanical Technology (includes fluid power tech., hydraulics tech., and quality control tech.)	60	30	11		50 5		Mechanical Engineering Tech. Tool Programmer-Numerical Control	21008 32011	410 140
	TOTAL	60	30	11	101	55	(46)			550

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMA CURREN EMPLOY						
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL											
160161	Civil Technology (includes concrete tech., surveying, and heavy equip. tech.)	135	65													
											74		Civil Engineering Technician	32020	310	
											167		Surveyor	32008	676	
											149		Surveyor Helper	55988	372	
	TOTAL	135	65		200	381	181			1358						
160601	Commercial Pilot Training	0														
											150		Airplane Pilot-Commercial	34023	700	
	TOTAL	0			0	150	150			700						
160602	Mining Technology	0														
											22		Blaster	55A21	19	
											3		Headman, Bottomer, Rock	55C56	5	
											18		Loading Machine Operator		20	
											4		Mining Machine Operator	55A74	10	
											18		Conveyor Operator	55R90	40	
											43		Driller, Machine	55R04	40	
	TOTAL	0			0	163	(163)			188						
160603	Oil/Gas Field Production Operation	30														
											7		Computer Prospector		9	
											19		Pumper	55C05	19	
											35		Derrick Man	55A88	35	
											65		Rotary Drill Operator	55C59	71	

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTI CURR EMPL
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
160603	Oil/Gas Field Production Opr. (con't.)					105 65 1		Rotary Drill Operator Helper Roustabout Observer Elect./Gravity Prosp.	55C60 55C61 32005	1
	TOTAL	30			30	297	267			3
170100	Air Conditioning, Heating and Refrig. (includes cooling, heating, A.C., ventilation, solar energy, and energy construction/conversion techs.)	530	575			100 5		Refrigeration Mechanic Furnace Installer and Repairer	51052 55057	49 21
	TOTAL	530	575		1105	105	(1000)			70
170200	Appliance Repair	265		3		150 5 50		Household Appliance Repairer Gas & Electric Appliance Repairer Household Appliance Installer	51082 51082 55073	51 : 8
	TOTAL	265		3	268	205	(63)			60
170301	Body and Fender	715	505	8 8		400 200		Body Repairer Automotive-Painter	51012	145 63
	TOTAL	715	505	16	1236	600	(636)			208
170302	Mechanics	2155	2400	11		1450		Auto Mechanics	51008	778
	TOTAL	2155	2400	11	4566	1450	(2616)			778
170400	Aviation Occupations Air Traffic Control	5				50		Air Traffic Controller	34002	50
	Aircraft Mechanics (includes A&P, Airframe and Power Plant)	250	765			200		Aircraft Mechanic	51900	87
	TOTAL	255	765		1020	250	(770)			137

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIM. CURRE. EMPLO.
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
170600	Business Machine Maintenance	55				300		Office Machine Servicer-Cash Reg.	51046	108
	TOTAL	55			55	300	245			108
170700	Commercial Art (includes technical illustration, audiovisual tech., and graphic communications)	135	30	104		150 450		Commercial Artist Designer-Trade	25489	43 104
	TOTAL	135	30	104	269	600	331			147
170900	Commercial Photographer	205				50 5 50 100 5 5 5		Developer or Projection Printer Negative Cutter and Spotter Multiple Photographic Print Opr. Photo Checker & Assembler Photographer Helper Photoretoucher/Airbursh Artist/ Colorist Screen Maker-Photo Process	52002 52007 52008 55C09	11 11 22 2 1
	TOTAL	205			205	220	15			48
171001	Carpentry	260		333 17		1250 50 50		Carpenter Carpenter Helper Ceiling/Floor Tile Layer	55A47 55A47	766 24 118
	TOTAL	260		350	610	1350	740			908
171002	Electricity	240		406		600 50		Electrician Electrician Helper	55B12 56005	400 29
	TOTAL	240		406	646	650	4			429
171003	Heavy Equipment	95		165		200 100 100 5		Engineering Equip. Mechanic Mine Machinery Equip. Mechanic Crain/Derrick/Hoist Operator Form Tamper Opr./Tamp Operator	55B32	92 17 46

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE/ CURRENT EMPLOYMENT
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
171003	Heavy Equipment (con't.)					750 5 5		Heavy Equipment Operator Rigger Asphalt Plant Operator	55B54	3830 50 30
	TOTAL	95		165	260	1165	905			5465
171004	Masonry	170		67		100 5 5 100 5 5		Bricklayer Refractory Material Repairer Stonemason Tile Setter Terrazzo Worker Terrazzo Worker Helper	55A31 55C92 55D19 55S79 55S79	1140 10 40 260 30 5
	TOTAL	170		67	237	220	(17)			1485
171005	Painting and Decorating	25		59		500 5 5		Painter-Maintenance Paperhanger Painter Helper	55C12 55C16	2310 50 70
	TOTAL	25		59	84	510	426			2430
171006	Plastering (includes dry-wall inst.)	10		12		50 5 5 50 5		Drywall Applicator Taper Lather Plasterer Plasterer Helper	55B05 55D07 55B69 55C28 55C28	690 380 70 200 30
	TOTAL	10		12	22	115	93			1370
171007	Plumbing and Pipefitting	95		266		5 50 600		Fitter-Pipelaying Pipelayer Plumber and/or Pipefitter	55002 55C30 55C30	40 310 3400
	TOTAL	95		266	361	655	294			3750
171009	Glazing	5				100		Glazier	55B48	430
	TOTAL	5			5	100	95			430

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATED CURRENT EMPLOYMENT
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
171010	Roofing	5		100		50		Roofer	55C58	740
						5		Roofer Helper	55C58	60
	TOTAL	5		100	105	55	(50)			800
171099	Construction and Maintenance Trades- Other (includes concrete tech., heavy construction)	410		17		50		Asbestos and Insulation Worker		310
						5		Asphalt Heater Tender	59003	20
						5		Boilermaker	55A24	70
						100		Carper Cutter and/or Layer	55A44	640
						50		Cement Mason	55A51	990
						5		Concrete Rubber	55A69	100
						5		Fence Erector	55B18	20
						5		Form Setter-Metal Road Forms		80
						2550		Maintenance Repairer-Gen. Utility		6620
						150		Millwright	55B95	700
						5		Reinforcing Iron Worker	55C52	120
						5		Rig Builder		5
						5		Sand and/or Shot Blaster	55C64	20
						5		Layout Worker-Structural Steel	55B66	30
						50		Structural Steel Worker		350
						5		Concrete Stone Finisher	55G65	30
						5		Asphalt Raker		50
5		Asbestos and Insulation Helper		20						
50		Cement Mason Helper	55A51	470						
TOTAL		410		17	427	3060	2633			10645
171100	Custodial Services (includes industrial maintenance occs.)	435				6050		Janitors/Porters/Cleaners	41900	14950
						1900		All Other Janitors/Porters/Cleaners		4280
						TOTAL	435		435	7950
171200	Diesel Mechanics	170	840	3		200		Diesel Mechanics	51019	900
						TOTAL	170	840	3	1013

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYME
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
171300	Drafting (includes architectural tech., and drafting tech.)	550	385			1100		Draftsman		4320
	TOTAL	550	385		935	1100	165			4320
171400	Electrical Occupations (includes industrial electrician, lineman- electrical distribution, and electrical, other)	115				5		Protective Signal Installer	59003	60
						50		Electric Motor Repairer		140
						5		Electrical Tool Repairer	51021	60
						50		Electric Meter Installer	51027	90
						50		Pinsetter Mechanic-Automatic	51044	90
						5		Power Transformer Repairer	21900	20
						5		Cable Repairer	55B12	5
						100		Cable Splicer	55A42	410
						5		Electric Track Switch Maintainer	55B10	30
						150		Line Installer/Repairer	55B73	780
						5		Signal Maintainer	55C86	50
						5		Street Light Repairer & Servicer	55C94	80
50		Coil Winder	55R82	170						
150		Electrical & Electronic Assembler	55E22	420						
	TOTAL	115			115	635	520			2405
171500	Electronics Occupations (includes radio & T.V., electronics assembler)	295	105			150		Radio/TV Servicer		630
						5		Automatic Maintainer		10
						200		Central Office Repairer	55A55	920
						5		Intallor Repairer	55B53	10
						100		Station Installer	55B59	540
						5		Telegraph Equipment Maintainer		5
						50		Trouble Locator-Test Desk	55D18	210
						650		Electrical & Electronic Assembler	55E22	2040
	TOTAL	295	105		400	1165	765			4365
171600	Fabric Maintenance Services (incl. clothing management production)	465				350		Sewer-Custom		720
						150		Marker Classifier Wet Wash Asst.		310
						50		Spotter-Dry Cleaning		50
						5		Spotter Washable Materials		10
						250		Washer Machine and/or Starcher	53004	490

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMAT CURRENT EMPLOY
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
171600	Fabric Maintenance Services (con't.)					5		Tumbler Operator	53005	40
						5		Dry Cleaner-Hand		30
						5		Dyer	53009	5
						350		Laundry Operator-Small Estab.	53011	680
						100		Presser-Hand	53014	240
						250		Presser-Machine	53015	450
						50		Rug Cleaner-Hand	53016	70
						5		Leather Cleaner	53021	5
						100		Folder-Laundry	53025	170
						50		Mender	55189	110
						5		Folder-Hand	55133	40
				300		Counter Clerk	61378	560		
	TOTAL	465			465	2030	1565			3980
171700	Supervision & Management Development (includes foremanship, supervision, and management development)	95		1889						
						350		Supervisor-Non-Working Service		1090
						2150		Supervisor-Non-Working		8630
	TOTAL	95		-1889	1984	2500	516			9720
171900	Graphic Arts	620	15	17						
						5		Estimator Printing Services	25540	20
						5		Compositor and/or Typesetter	55T03	80
						100		Press Operator &/or Plato Printer	55G15	430
						150		Offset Lithographic Press Operator	55D56	810
						5		Platemaker		110
						50		Stripper-Printing	55Q36	140
						50		Camera Operator-Printing		200
						5		Printer Slotter Operator	55M64	50
						50		Hand Compositor		170
						50		Imposer & Makeup Arranger	55T04	100
						250		Linecasting Machine Operator		120
						5		Pasteup Person	55T11	330
						5		Phototypeset Monitor	55T14	10
						5		Phototypesetter Operator	55T14	30
				50		Retoucher	55T16	60		
				5		Photoengraver	55T18	150		

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYME
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
171900	Graphic Arts (con't.)					5		Flexographic Press Operator		10
						100		Letter Press Operator		550
						5		Steel Die Press Operator	55T26	5
						50		Press Assistant or Feeders		140
						50		Screen Printer/Setter		110
						5		Screen Cutter/Maker-Non Photo.		10
						100		Bookbinder Machine Operator	55T80	200
						50		Bindery Worker-Assembly	55T82	320
						5		Bindery Worker-Stitching	55T82	40
						5		All Other Bindery Workers		60
	TOTAL	620	15	17	652	1165	513			4255
172100	Instrument Maintenance and Repair (includes watchmaking repair, musical instrument service, instru- mentation tech.)					5		Camera Repairer	51017	60
						100		Instrument Repairer	55B62	320
						5		Lens Grinder	55B70	50
						5		Watchmaker	55E22	30
						100		Optician-Dispensing/Optical Mech.	55D69	350
	TOTAL	30	35	6	71	215	144			810
172301	Foundry					5		Tapper-Metal	55T96	5
						5	5	0		
	TOTAL	5			5	5				5
172302	Machine Shop					500		Machinist	55B84	2130
						5		Instrument Maker		5
						50		Layout Marker-Metal		190
						5		Machine Tool Setter-Metalworking	55L04	110
						50		Machine Assembler A		190
						50		Machine Assembler B		150
	TOTAL	665		62	727	660	(67)			2775

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYME
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
172303	Machine Tool Operation (includes machining technology)	15		34		5		Gear Cutter/Grinder	55B44	60
						5		Metal Fabricator	55E22	200
						100		Drill Press & Boring Mach. Opr.	55H95	430
						100		Grinding or Abrading Mach. Opr.		490
						100		Lathe or Turning Mach. Opr.	55H57	580
						100		Machine Tool Operator-Numerical		330
						50		Milling & Planing Mach. Opr.	55L26	240
						5		Sawyer-Metal	55N66	90
						100		Punch Press Operator-Metal	55R78	470
						50		Shear and/or Slitter Operator		150
	TOTAL	15		34	49	615	566			3040
172305	Shoot Metal	40		176		5		Roll Forming Machine Operator	55N28	10
						250		Shoot Metal Worker		2050
						200		Bodymaker Operator-Tin Can		880
	TOTAL	40		176	216	455	239			2940
172306	Welding and Cutting	1085	171			400		Welders and Flamecutters	55T75	1600
						150		Welders A and Flamecutters	55T76	720
						150		Welders B and Flamecutters	55T76	680
						50		Welders C and Flamecutters	55T76	240
	TOTAL	1085	171		1256	750	(506)			3240
172307	Tool and Die Making	5		6		150		Tool and Die Maker-Metal	55D23	660
						200		Machine Tool Oper.-Combination		920
	TOTAL	5		6	11	350	339			1580
172399	Metalworking-Other (includes metal trades combined) Horseshoer	65		11		5		Blacksmith	55A20	20
						185		150		
						100		Aircraft Structures & Surface Assembler B		300

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMAT CURRENT EMPLOYM
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
172399	Metalworking-Other (con't.)					100		Filer/Grinder/Buffer/Cleaner	55B19	440
						5		Heater-Metal	55B15	5
						5		Pourer-Metal	55C27	110
						50		Electroplater		260
						5		Coiler/Winder/Spooler	55G50	5
						5		Core Maker-Hand/Bench/Floor	55G85	30
						5		Forging Press Operator	55I94	50
						5		Guide Setter	55J68	5
						5		Molder-Bench/Floor Machine	55L57	30
						5		Pattern Maker-Metal	55M09	70
						5		Plater Helper	55C29	30
						5		Shakeout Worker-Foundry		60
						5		Wire Drawer	55R41	30
						50		Die Cast Mach. Opr./Setter	55R73	110
						50		Dip Plater-Non-Electrolytic		120
						50		Furnace Operator/Cupola Tender	55S16	150
						5		Fitter-Structural Steel	55S31	110
				50		Power Brake/Bending Mach. Operator	55S90	180		
	TOTAL	250	150	11	411	515	104		2145	
172400	Metallurgy	5				5		Heater Treater Annealer Temperer	55K43	80
	TOTAL	5			5	5	0			80
172601	Barbering	50				600		Barber	44002	1740
	TOTAL	50			50	600	550			1740
172602	Cosmetology	770				2950		Cosmetologist &/or Hairstylist	44066	5350
						50		Manicurist		110
						50		Shampooer		50
	TOTAL	770			770	3050	2280			5510

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMA CURREN EMPLOY
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
172700	Plastics Occupations	10				5		Extruding Machine Operator	55T91	7
						150		Compression/Injection Molding Mach. Opr.	55R85	1
						50		Extruder Opr.-Plastics or Rubber	55I48	1
						50		Laminator Pre-Forms	58009	1
						5		Vacuum Plastic Forming Mach. Opr.	58014	
	TOTAL	10			10	260	250			100
172801	Fireman Training (includes fire and fire safety tech., fire service training and volunteer training)	625				5		Fire Inspector	44551	4
						400		Fire Fighter	44552	16
						150		Officer-Fire		61
	TOTAL	625			625	555	(70)			227
172802	Law Enforcement Training (includes criminal justice, police science, tech., plant security, corrections)	485		56		2450		Guards and Doorkeepers		537
						50		Detective	44502	14
						50		Store Detective		1
						5		Railroad Police		
						200		Officer-Police	44503	81
						200		Detective-Police	44502	78
						700		Police Patrolperson		30
						5		Parking Enforcement Officer	44504	0
						350		Correction Officer &/or Jailer	44505	90
						150		Sheriff	44506	50
						5		Bailiff	44507	5
	TOTAL	485		56	541	4165	3624			1179
172899	Other Public Service (includes bldg. inspection, urban planning, traffic engineering, safety administration)	80				350		Public Administration Inspector		113

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATE CURRENT EMPLOYE
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
172899	Other Public Service (con't.)					5		Safety Inspector	25478	40
						5		Building Inspector-Fire Insurance	25536	5
	TOTAL	80			80	360	280			1175
172900	Quantity Food Occupations (includes food service supervision, food management products and services, dietetic services, waiter/waitress, butcher/chef/baker)	2930	705	112		1600		Manager-Restaurant/Coffee Shop		5010
						150		Director-Food & Beverage	19000	410
						350		Food Service Worker		850
						100		Baker-Bread/Pastry	43001	440
						1400		Dining Room Attendant	43003	5360
						700		Butcher/Meat Cutter	43004	2380
						9450		Waiter/Waitress	43009	17030
						1500		Counter Attendant-Cafeteria	43010	2880
						950		Cook-Short Order and Fast Food	43011	2220
						2150		Cook-Restaurant		5130
						3300		Food Preparation & Service Worker		6400
						400		Pantry Sandwich &/or Coffee Maker	43015	940
						1200		Cook-Institutional		2820
						5		Cook and/or Cookers	43013	50
						100		Mixer-Food	55893	340
						5		Oven Operator	59003	70
						50		Baker	43001	120
						50		Baker Helper	55E37	170
						5		Cake Decorator	55F38	5
						5		Food Shaper-Hand		30
						5		Machine Depositor-Food		40
650		Host/Hostess	43006	1410						
TOTAL		2930	705	112	3747	24125	20378			54105
172901	Bartending	5				1364		Bartender	43002	
	TOTAL	5			5	1364	1359			

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMAT CURRENT EMPLOYM
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
173100	Small Engine Repair	355		8				Mechanics and Repairers	51000	
	TOTAL	355		8	363					
173200	Stationary Energy Sources Occupations	5				5		Control Room Operator-Steam		40
						5		Auxiliary Equipment Operator	55B15	10
						5		Liquefaction/Regasification Plant Opr.	55B77	10
						100		Oil Pumper	55C05	130
						100		Stationary Boiler Firer		260
						100		Stationary Engineer	55C91	300
						50		Substation Operator	55D33	130
						5		Switchboard Opr. Generating Plant	55D03	10
						5		Pump Station Opr.-Water Works	55D44	80
	TOTAL	5			5	375	370			970
173300	Textile Production and Fabrication	5				600		Sewing Mach. Opr.-Reg. Equipment	55C78	1350
						100		Sewing Mach. Opr.-Auto Equipment	55C79	170
						500		Sewing Mach. Opr.-Nongarment Reg. Equipment		1110
						150		Sewing Mach. Opr.-Nongarment Auto. Equipment		290
						250		Alteration Tailor	55D05	490
						5		Custom Tailor	55D32	40
						5		Weaver	55S34	5
						5		Bundler		60
						5		Card Tender	55F62	20
						5		Cutter Portable Machine	55T66	70
						5		Garment Repairer		10
						5		Knitting Machine Operator	55K46	5
						5		Pattern Maker	55L52	30
						5		Sample Maker	55B56	20
						5		Shaper and Presser	55P07	20
						5		Spreader	59003	20
						5		Thread Trimmer		30

DENVER-BOULDER TOTALS

PROGRAM U.S.O.E CODE	PROGRAM NAME	SUPPLY				DEMAND (OPENINGS)	NEED	OCCUPATIONAL TITLE	OES CODE	ESTIMATED CURRENT EMPLOYMENT
		PUBLIC TRNG.	PRIVATE TRNG.	OTHER TRNG.	TOTAL					
173600	Woodworking (con't.)					5		Pattern Maker-Wood	55M10	20
						5		Resawyer	55N07	5
						5		Ripsaw Operator	55N15	10
						5		Sander-Wood	55N60	70
						5		Shaper and/or Router Operator	55P08	5
						5		Trim Saw Operator	55Q88	10
						5		Variety Saw Operator	55R08	20
						50		Woodworking Machino Operator	55K57	210
	TOTAL	105			105	340	235			1235