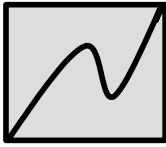


*Peer into the future before it becomes the present*



**Summit Economics** LLC  
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Tucker Hart Adams  
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Tom Binnings  
Paul Rochette

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## Memorandum

DATE: September 28, 2010

TO: Mike Kazmierski, President, EDC

FROM: Dave Bamberger and Mike Anderson/ Summit Economics, LLC

SUBJECT: Economic and Fiscal Impact of EDC's Job Creating Activity, 1990 - 2009

### Purpose

The purpose of this memo is to present an analysis of the economic and fiscal impact of Economic Development Corporation's primary job creating activity over the 20 year period 1990 thru 2009.

### Methodology and Data Sources

Data on EDC announcements and annual employment of each company announced was obtained from EDC. The actual number of jobs for each company for each year was retrieved by EDC staff from the EDC major employer data base. The data set covered the period 1990 to 2009.

The data set included the following:

- Year of announcement
- Company name
- Jobs announced
- Actual number of jobs for each company each year

Three economic and fiscal impact models were developed using standard Regional Impact Multiplier methodology. The models cover the following jurisdictions:

- El Paso County
- Colorado Springs City
- Metro Area (all jurisdictions, including the state)

### Findings – EDC Primary Job Creating Activity

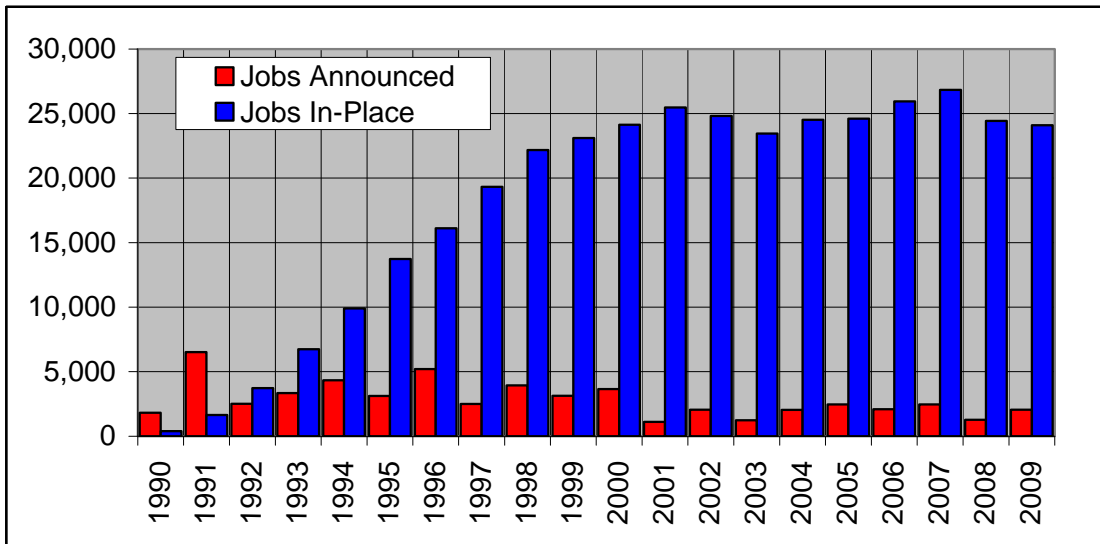
EDC's job creating activity is shown below. Over the 20 year period 1990 - 2009, EDC announced a total of 56,841 new primary jobs and 288 companies. Of that total, 140 companies were still in place in Colorado Springs in 2009 and 148 either never came, or came and created jobs and closed their local operations.

EDC has had a positive impact on the local economic base. In spite of three recessions and major changes in the global market place, EDC's job creating activity over the 20 years from 1990 to 2009 has resulted in a total of 24,100 primary jobs still in place in 2009.

**Primary Job Announcements and Actual Primary Jobs In-Place  
Economic Development Corp., Annual 1990-2009**

Year	Number of Companies Announced	Total Jobs Announced	Cumulative Jobs Announced	Cumulative Jobs Actually in Place
1990	10	1,808	1,808	390
1991	27	6,508	8,316	1,642
1992	32	2,517	10,833	3,721
1993	21	3,348	14,181	6,740
1994	16	4,342	18,523	9,896
1995	15	3,126	21,649	13,739
1996	20	5,200	26,849	16,110
1997	17	2,499	29,348	19,318
1998	15	3,942	33,290	22,174
1999	13	3,135	36,425	23,096
2000	12	3,650	40,075	24,129
2001	4	1,110	41,185	25,467
2002	5	2,050	43,235	24,807
2003	5	1,233	44,468	23,453
2004	12	2,038	46,506	24,517
2005	8	2,460	48,966	24,605
2006	12	2,087	51,053	25,939
2007	17	2,462	53,515	26,831
2008	14	1,280	54,795	24,430
2009	13	2,046	56,841	24,097

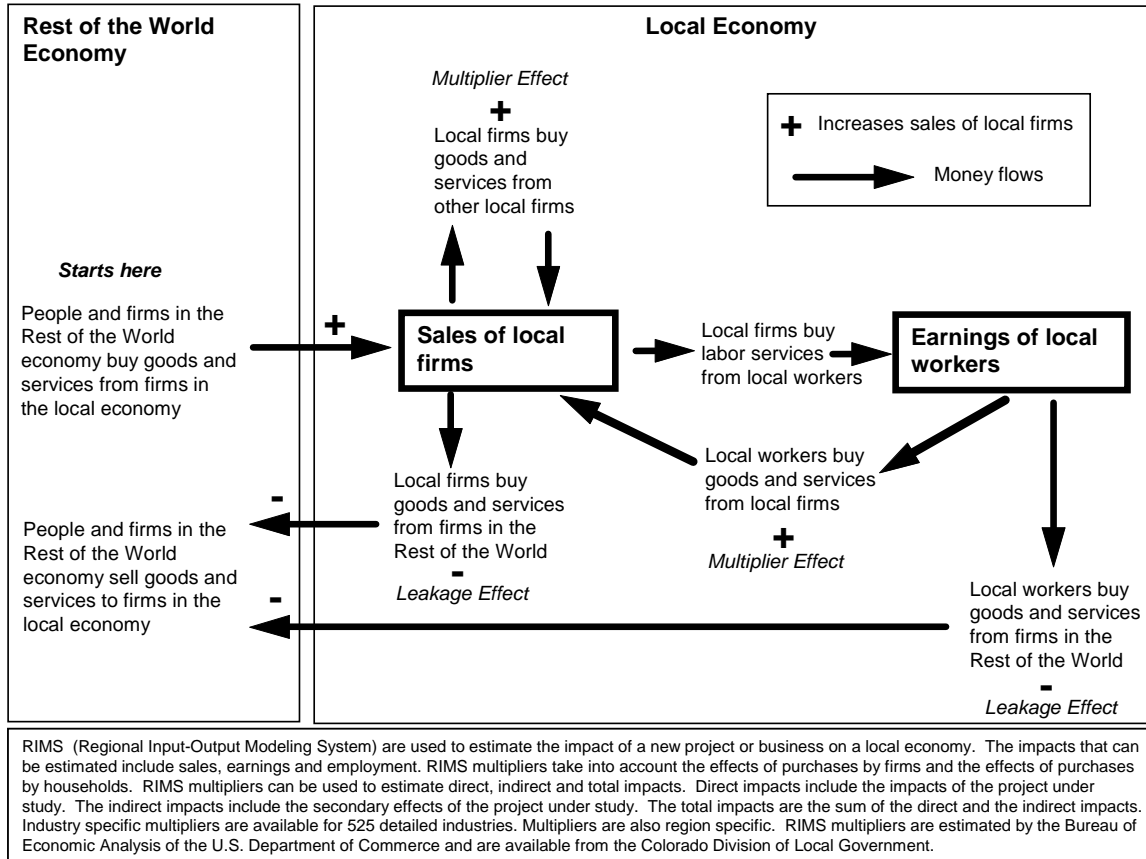
Source: Colorado Springs Economic Development Corp. and Summit Economics, LLC



EDC's primary job creating activity has resulted in a significant number of local serving jobs. Primary jobs bring income in to the local area. As that income flows through the local economy, secondary, or local-serving jobs are created in

retail stores, real estate offices, local government, restaurants, banks, utility companies, etc. For every primary job created in the Colorado Springs metro area, it is estimated that 1.52 local-serving jobs are created.

### Regional Impact Multiplier System



The 24,100 primary jobs in place in 2009 as a result of EDC’s job creating activity over the past 20 years are estimated to have created of 36,630 local-serving jobs for a grand total of 60,720 jobs.

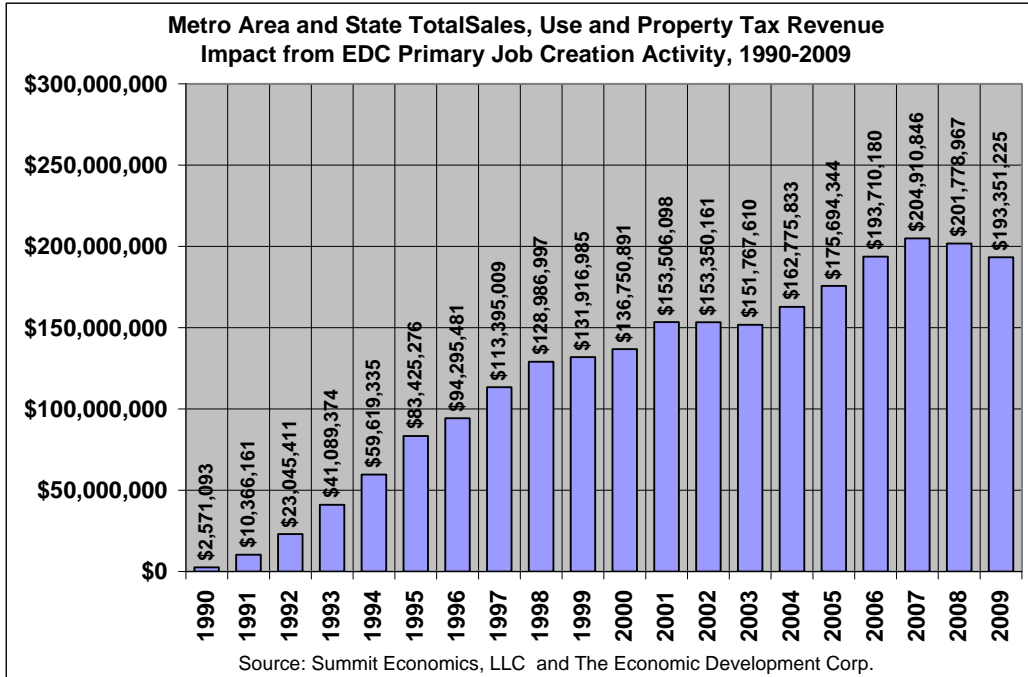
In 2009 payroll jobs totaled 248,400 in the Colorado Springs MSA. EDC job creating activity since 1990 accounted for about one in four (25%) of all jobs in the MSA. In other words, local employment would likely be about 25% smaller than it was in 2009 without EDC’s efforts.

### Findings - Fiscal Impact Metro Area

Estimates of the total metro area and state sales, use and property taxes collected each year over the 20 year period 1990 thru 2009 resulting from EDC’s job creating activity are presented on the following page. The estimates are for all jurisdictions, including municipalities, school districts, special districts, El Paso County, the PPRTA, the state (sales tax), etc. The cumulative 20-year total is estimated to be \$2.4 billion. In 2009 it totaled an estimated \$193.4 million.

**Metro Area and State Sales, Use and Property Tax Revenue Collection Impact from EDC Primary Job Creation Activity, 1990-2009**

Year	Jobs			Metro Area and State Total Sales, Use and Property Tax Revenue			
	Cumulative Primary Jobs in the County	Cumulative Secondary Jobs in the County	Total Jobs	Property Tax Collections	Sales Tax Collections on Consumption	Sales and Use Tax Collections from Taxable Construction Materials and Equipment	Total Sales, Use and Property Tax Revenue Collected
1990	780	593	983	\$0	\$313,599	\$2,257,495	\$2,571,093
1991	1,642	2,496	4,138	\$1,435,656	\$1,377,841	\$7,552,664	\$10,366,161
1992	3,721	5,656	9,377	\$6,873,298	\$3,249,125	\$12,922,989	\$23,045,411
1993	6,740	10,245	16,985	\$16,183,847	\$5,879,530	\$19,025,998	\$41,089,374
1994	9,896	15,042	24,938	\$30,764,214	\$8,768,326	\$20,086,795	\$59,619,335
1995	13,739	20,883	34,622	\$46,321,969	\$12,356,954	\$24,746,352	\$83,425,276
1996	16,110	24,487	40,597	\$63,837,617	\$14,995,331	\$15,462,533	\$94,295,481
1997	19,318	29,363	48,681	\$73,601,295	\$18,734,607	\$21,059,106	\$113,395,009
1998	22,174	33,704	55,878	\$86,073,755	\$23,557,514	\$19,355,727	\$128,986,997
1999	23,096	35,106	58,202	\$99,940,686	\$25,590,666	\$6,385,633	\$131,916,985
2000	24,129	36,676	60,805	\$100,577,498	\$28,778,124	\$7,395,268	\$136,750,891
2001	25,467	38,710	64,177	\$112,719,718	\$31,099,263	\$9,687,116	\$153,506,098
2002	24,807	37,707	62,514	\$120,744,000	\$32,606,160	\$0	\$153,350,161
2003	23,453	35,649	59,102	\$120,294,106	\$31,473,504	\$0	\$151,767,610
2004	24,517	37,266	61,783	\$120,043,894	\$33,964,266	\$8,767,674	\$162,775,833
2005	24,605	37,400	62,005	\$134,406,403	\$40,421,270	\$866,671	\$175,694,344
2006	25,939	39,427	65,366	\$136,295,560	\$43,853,924	\$13,560,697	\$193,710,180
2007	26,831	40,783	67,614	\$148,570,366	\$47,012,627	\$9,327,854	\$204,910,846
2008	24,430	37,134	61,564	\$157,581,713	\$44,197,254	\$0	\$201,778,967
2009	24,097	36,627	60,724	\$148,823,024	\$44,528,201	\$0	\$193,351,225
Total				\$1,725,088,620	\$492,758,085	\$198,460,571	\$2,416,307,276



Note: Estimates are in current dollars (not adjusted for inflation).

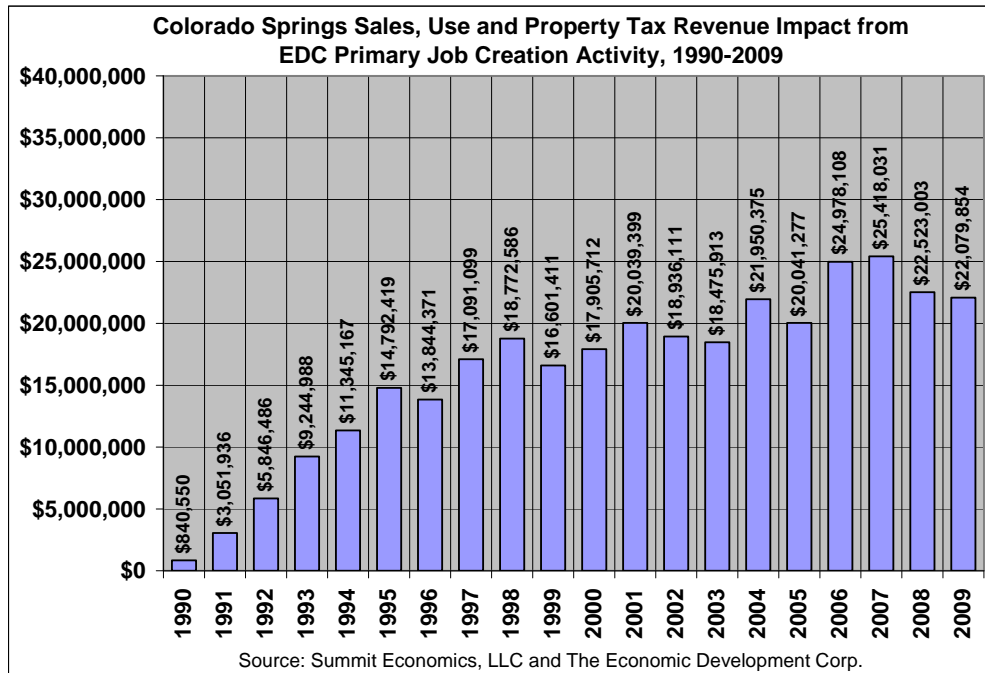
## Findings - Fiscal Impact City of Colorado Springs

Estimates of the total City of Colorado Springs sales, use and property taxes collected each year over the 20 year period 1990 thru 2009 resulting from EDC's

job creating activity are presented below. The estimates include sales, use and property taxes. The cumulative 20-year total is estimated to be \$323 million. In 2009 it totaled an estimated \$22.1 million.

**City of Colorado Springs Sales, Use and Property Tax Revenue Collection Impact from EDC Primary Job Creation Activity, 1990-2009**

Year	Jobs			City Sales, Use and Property Tax Revenue			
	Cumulative Primary Jobs in the City	Cumulative Secondary Jobs in the City	Total Jobs	City Property Tax Collections	City Sales Tax Collections on Consumption	City Sales and Use Tax Collections from Taxable Construction Materials and Equipment	Total City Sales, Use and Property Tax Revenue Collected
1990	332	504	835	\$0	\$102,523	\$738,027	\$840,550
1991	1,396	2,121	3,517	\$132,348	\$450,448	\$2,469,140	\$3,051,936
1992	3,163	4,808	7,970	\$559,449	\$1,062,214	\$4,224,823	\$5,846,486
1993	5,729	8,708	14,437	\$1,306,351	\$1,874,100	\$6,064,537	\$9,244,988
1994	8,412	12,786	21,197	\$2,390,919	\$2,720,965	\$6,233,283	\$11,345,167
1995	11,678	17,751	29,429	\$3,601,583	\$3,727,017	\$7,463,819	\$14,792,419
1996	13,694	20,814	34,508	\$4,931,701	\$4,387,978	\$4,524,692	\$13,844,371
1997	16,420	24,959	41,379	\$5,816,213	\$5,308,139	\$5,966,747	\$17,091,099
1998	18,848	28,649	47,497	\$6,215,186	\$6,893,469	\$5,663,930	\$18,772,586
1999	19,632	29,840	49,472	\$7,244,412	\$7,488,416	\$1,868,583	\$16,601,411
2000	20,510	31,175	51,684	\$7,320,547	\$8,421,140	\$2,164,025	\$17,905,712
2001	21,647	32,903	54,550	\$7,905,451	\$9,252,031	\$2,881,917	\$20,039,399
2002	21,086	32,051	53,137	\$8,109,847	\$10,826,264	\$0	\$18,936,111
2003	19,935	30,301	50,236	\$8,025,726	\$10,450,187	\$0	\$18,475,913
2004	20,839	31,676	52,515	\$7,762,035	\$11,277,198	\$2,911,142	\$21,950,375
2005	20,914	31,790	52,704	\$8,184,943	\$11,607,459	\$248,875	\$20,041,277
2006	22,048	33,513	55,561	\$8,490,802	\$12,593,188	\$3,894,119	\$24,978,108
2007	22,806	34,666	57,472	\$9,239,176	\$13,500,248	\$2,678,607	\$25,418,031
2008	20,766	31,564	52,329	\$9,831,224	\$12,691,779	\$0	\$22,523,003
2009	20,482	31,133	51,616	\$9,293,040	\$12,786,815	\$0	\$22,079,854
Total				\$116,360,955	\$147,421,575	\$59,996,266	\$323,778,796



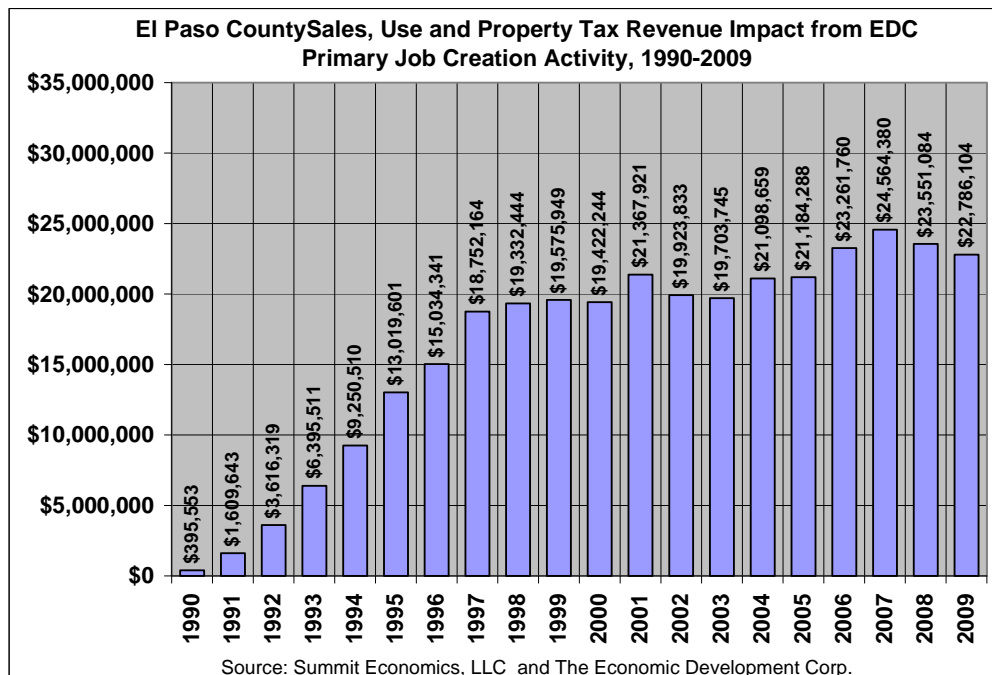
Note: Estimates are in current dollars (not adjusted for inflation).

## Findings - Fiscal Impact El Paso County

Estimates of the total El Paso County sales, use and property taxes collected each year over the 20 year period 1990 thru 2009 resulting from EDC's job creating activity are presented below.

**El Paso County Sales, Use and Property Tax Revenue Impact from EDC Primary Job Creation Activity, 1990-2009**

Year	Jobs			County Sales, Use and Property Tax Revenue			
	Cumulative Primary Jobs in the County	Cumulative Secondary Jobs in the County	Total Jobs	County Property Tax Collections	County Sales Tax Collections on Consumption	County Sales and Use Tax Collections from Taxable Construction Materials and Equipment	Total County Sales, Use and Property Tax Revenue Collected
1990	390	593	983	\$0	\$48,246	\$347,307	\$395,553
1991	1,642	2,496	4,138	\$235,719	\$211,976	\$1,161,948	\$1,609,643
1992	3,721	5,656	9,377	\$1,128,301	\$499,865	\$1,988,152	\$3,616,319
1993	6,740	10,245	16,985	\$2,504,023	\$918,677	\$2,972,812	\$6,395,511
1994	9,896	15,042	24,938	\$4,670,332	\$1,391,798	\$3,188,380	\$9,250,510
1995	13,739	20,883	34,622	\$7,035,197	\$1,993,057	\$3,991,347	\$13,019,601
1996	16,110	24,487	40,597	\$10,041,249	\$2,458,251	\$2,534,841	\$15,034,341
1997	19,318	29,363	48,681	\$12,119,878	\$3,122,435	\$3,509,851	\$18,752,164
1998	22,174	33,704	55,878	\$12,297,487	\$3,861,888	\$3,173,070	\$19,332,444
1999	23,096	35,106	58,202	\$14,333,933	\$4,195,191	\$1,046,825	\$19,575,949
2000	24,129	36,676	60,805	\$13,492,180	\$4,717,725	\$1,212,339	\$19,422,244
2001	25,467	38,710	64,177	\$14,570,192	\$5,183,211	\$1,614,519	\$21,367,921
2002	24,807	37,707	62,514	\$14,829,121	\$5,094,713	\$0	\$19,923,833
2003	23,453	35,649	59,102	\$14,786,010	\$4,917,735	\$0	\$19,703,745
2004	24,517	37,266	61,783	\$14,421,793	\$5,306,916	\$1,369,949	\$21,088,659
2005	24,605	37,400	62,005	\$15,604,836	\$5,462,334	\$117,118	\$21,184,288
2006	25,939	39,427	65,366	\$15,503,027	\$5,926,206	\$1,832,527	\$23,261,760
2007	26,831	40,783	67,614	\$16,950,802	\$6,353,058	\$1,260,521	\$24,564,380
2008	24,430	37,134	61,564	\$17,578,482	\$5,972,602	\$0	\$23,551,084
2009	24,097	36,627	60,724	\$16,768,780	\$6,017,325	\$0	\$22,786,104
Total				\$218,871,341	\$73,653,206	\$31,321,507	\$323,846,054



Note: Estimates are in current dollars (not adjusted for inflation).

The estimates include the 1% sales and use tax and the property tax. The cumulative 20 year total is estimated to be \$323 million. In 2009 it totaled an estimated \$22.8 million.

## **Conclusion**

EDC's primary job creating activity over the 20 year study period, 1990 thru 2009, has had a significant impact on the Colorado Springs area economy and the various government jurisdictions in the region. Sales, use and property tax revenues have helped support building public infrastructure and providing local government services.

The analysis shows that creating new primary jobs must be a continuous effort. It is a fact of modern business that companies and whole industries come and go. The local economy must create new jobs every year just to keep up with existing industry closing, downsizing, or moving jobs out of town.

Job creation produces a high return on investment to all the citizens of the region. Job growth maintains and increases incomes and builds community wealth. It is the driver for building a high-quality living environment benefiting all the citizens in the community in the long term.

## **ATTACHMENTS**

**Metro Area and State, Use and Property Tax Revenue Collection Impact from EDC Primary Job Creation Activity, 1990-2009**

Year	Total Primary Jobs	Percent in County	Total Primary Jobs in County	Secondary Job Multiplier	Total Secondary Jobs	Total Jobs	Primary Wage	Primary Earnings	Secondary Wage	Secondary Earnings	Total Earnings	% Spent for Taxable Consumption in the County	Taxable Consumption	Sales Tax Rate	Sales Tax Collections on Consumption
1990	390	100%	390	1.52	593	983	\$22,292	\$8,693,788	\$18,218	\$10,799,526	\$19,493,314	25%	\$4,824,595	6.5%	\$313,599
1991	1,642	100%	1,642	1.52	2,496	4,138	\$23,263	\$38,197,409	\$19,011	\$47,449,273	\$85,646,682	25%	\$21,197,554	6.5%	\$1,377,841
1992	3,721	100%	3,721	1.52	5,656	9,377	\$24,207	\$90,074,355	\$19,783	\$111,891,427	\$201,965,782	25%	\$49,986,531	6.5%	\$3,249,125
1993	6,740	100%	6,740	1.52	10,245	16,985	\$24,561	\$165,542,980	\$20,073	\$205,639,445	\$371,182,425	25%	\$91,867,650	6.4%	\$5,879,530
1994	9,896	100%	9,896	1.52	15,042	24,938	\$25,343	\$250,798,128	\$20,712	\$311,544,396	\$562,342,524	25%	\$139,179,775	6.3%	\$8,768,326
1995	13,739	100%	13,739	1.52	20,883	34,622	\$26,140	\$359,143,409	\$21,363	\$446,132,184	\$805,275,593	25%	\$199,305,709	6.2%	\$12,356,954
1996	16,110	100%	16,110	1.52	24,487	40,597	\$27,497	\$442,970,065	\$22,471	\$550,262,646	\$993,232,710	25%	\$245,825,096	6.1%	\$14,995,331
1997	19,318	100%	19,318	1.52	29,363	48,681	\$29,126	\$562,654,117	\$23,803	\$698,935,588	\$1,261,589,705	25%	\$312,243,452	6.0%	\$18,734,607
1998	22,174	100%	22,174	1.52	33,704	55,878	\$31,384	\$695,901,521	\$25,648	\$864,457,087	\$1,560,358,608	25%	\$386,188,755	6.1%	\$23,557,514
1999	23,096	100%	23,096	1.52	35,106	58,202	\$32,731	\$755,961,920	\$26,749	\$939,064,824	\$1,695,026,744	25%	\$419,519,119	6.1%	\$25,590,666
2000	24,129	100%	24,129	1.52	36,676	60,805	\$35,232	\$850,121,132	\$28,793	\$1,056,030,509	\$1,906,151,641	25%	\$471,772,531	6.1%	\$28,778,124
2001	25,467	100%	25,467	1.52	38,710	64,177	\$36,675	\$934,000,290	\$29,972	\$1,160,226,189	\$2,094,226,479	25%	\$518,321,053	6.0%	\$31,099,263
2002	24,807	100%	24,807	1.52	37,707	62,514	\$37,008	\$918,053,189	\$30,244	\$1,140,416,513	\$2,058,469,702	25%	\$509,471,251	6.4%	\$32,606,160
2003	23,453	100%	23,453	1.52	35,649	59,102	\$37,785	\$886,162,318	\$30,879	\$1,100,801,295	\$1,986,963,613	25%	\$491,773,494	6.4%	\$31,473,504
2004	24,517	100%	24,517	1.52	37,266	61,783	\$39,005	\$956,291,763	\$31,877	\$1,187,916,921	\$2,144,208,684	25%	\$530,691,649	6.4%	\$33,964,266
2005	24,605	100%	24,605	1.52	37,400	62,005	\$40,004	\$984,297,534	\$32,693	\$1,222,706,020	\$2,207,003,555	25%	\$546,233,380	7.4%	\$40,421,270
2006	25,939	100%	25,939	1.52	39,427	65,366	\$41,169	\$1,067,886,011	\$33,645	\$1,326,540,614	\$2,394,426,625	25%	\$592,620,590	7.4%	\$43,853,924
2007	26,831	100%	26,831	1.52	40,783	67,614	\$42,667	\$1,144,803,536	\$34,870	\$1,422,088,471	\$2,566,892,007	25%	\$635,305,772	7.4%	\$47,012,627
2008	24,430	100%	24,430	1.52	37,134	61,564	\$44,054	\$1,076,246,451	\$36,003	\$1,336,926,051	\$2,413,172,502	25%	\$597,260,194	7.4%	\$44,197,254
2009	24,097	100%	24,097	1.52	36,627	60,724	\$44,998	\$1,084,305,336	\$36,774	\$1,346,936,893	\$2,431,242,228	25%	\$601,732,452	7.4%	\$44,528,201
Total															\$448,229,884

Year	Total Jobs	Assessed Value Per Employee	Total Assessed Value	Average Mill Levy	Property Tax Collections	Increase in Jobs	Investment in Taxable Construction Materials and Business Equipment per Job	Total New Investment in Taxable Construction Materials and Business Equipment	Sales and Use Tax Rate	Sales and Use Tax Collections from Taxable Construction Materials and Equipment	Total Sales, Use and Property Tax Revenue Collected
1990	983	\$21,804	\$21,428,983	67.00	\$0	983	\$35,339	\$34,730,687	6.5%	\$2,257,495	\$2,571,093
1991	4,138	\$22,723	\$94,025,097	73.10	\$1,435,656	3,155	\$36,828	\$116,194,825	6.5%	\$7,552,664	\$10,366,161
1992	9,377	\$23,414	\$219,554,817	73.71	\$6,873,298	5,239	\$37,948	\$198,815,210	6.5%	\$12,922,989	\$23,045,411
1993	16,985	\$24,110	\$409,498,611	75.13	\$16,183,847	7,608	\$39,075	\$297,281,215	6.4%	\$19,025,998	\$41,089,374
1994	24,938	\$24,736	\$616,852,002	75.09	\$30,764,214	7,953	\$40,090	\$318,838,021	6.3%	\$20,086,795	\$59,619,335
1995	34,622	\$25,429	\$880,425,122	72.51	\$46,321,969	9,684	\$41,214	\$399,134,717	6.2%	\$24,746,352	\$83,425,276
1996	40,597	\$26,176	\$1,062,681,132	69.26	\$63,837,617	5,975	\$42,425	\$253,484,146	6.1%	\$15,462,533	\$94,295,481
1997	48,681	\$26,788	\$1,304,081,318	66.00	\$73,601,295	8,084	\$43,416	\$350,985,107	6.0%	\$21,059,106	\$113,395,009
1998	55,878	\$27,203	\$1,520,035,334	65.75	\$86,073,755	7,197	\$44,088	\$317,307,006	6.1%	\$19,355,727	\$128,986,997
1999	58,202	\$27,799	\$1,617,961,384	62.16	\$99,940,686	2,323	\$45,055	\$104,682,508	6.1%	\$6,385,633	\$131,916,985
2000	60,805	\$28,735	\$1,747,234,861	64.51	\$100,577,498	2,603	\$46,572	\$121,233,907	6.1%	\$7,395,268	\$136,750,891
2001	64,177	\$29,544	\$1,896,064,517	63.68	\$112,719,718	3,372	\$47,884	\$161,451,935	6.0%	\$9,687,116	\$153,506,098
2002	62,514	\$30,016	\$1,876,397,156	64.11	\$120,744,000	-1,663	\$48,648	-\$80,910,759	6.4%	\$0	\$153,350,161
2003	59,102	\$30,706	\$1,814,746,885	66.15	\$120,294,106	-3,412	\$49,766	-\$169,804,087	6.4%	\$0	\$151,767,610
2004	61,783	\$31,525	\$1,947,683,013	69.01	\$120,043,894	2,681	\$51,093	\$136,994,899	6.4%	\$8,767,674	\$162,775,833
2005	62,005	\$32,586	\$2,020,464,923	67.46	\$134,406,403	222	\$52,813	\$11,711,767	7.4%	\$866,671	\$175,694,344
2006	65,366	\$33,634	\$2,198,547,559	67.58	\$136,295,560	3,362	\$54,512	\$183,252,658	7.4%	\$13,560,697	\$193,710,180
2007	67,614	\$34,600	\$2,339,430,708	67.36	\$148,570,366	2,248	\$56,077	\$126,052,075	7.4%	\$9,327,854	\$204,910,846
2008	61,564	\$35,920	\$2,211,364,876	67.30	\$157,581,713	-6,051	\$58,217	-\$352,241,822	7.4%	\$0	\$201,778,967
2009	60,724	\$35,804	\$2,174,149,007	66.92	\$148,823,024	-839	\$58,028	-\$48,694,777	7.4%	\$0	\$193,351,225
Total					\$1,576,265,596					\$198,460,571	\$646,690,455

**City of Colorado Springs Sales, Use and Property Tax Revenue Collection Impact from EDC Primary Job Creation Activity, 1990-2009**

Year	Total Primary Jobs	Percent in City	Total Primary Jobs in City	Secondary Job Multiplier	Total Secondary Jobs	Total Jobs	Primary Wage	Primary Earnings	Secondary Wage	Secondary Earnings	Total Earnings	% Spent for Taxable Consumption in the City	Taxable Consumption	City Sales Tax Rate	City Sales Tax Collections on Consumption
1990	390	85%	332	1.52	504	835	\$22,292	\$7,389,720	\$18,218	\$9,179,597	\$16,569,317	25%	\$4,100,906	2.5%	\$102,523
1991	1,642	85%	1,396	1.52	2,121	3,517	\$23,263	\$32,467,798	\$19,011	\$40,331,882	\$72,799,680	25%	\$18,017,921	2.5%	\$450,448
1992	3,721	85%	3,163	1.52	4,808	7,970	\$24,207	\$76,563,202	\$19,783	\$95,107,713	\$171,670,915	25%	\$42,488,551	2.5%	\$1,062,214
1993	6,740	85%	5,729	1.52	8,708	14,437	\$24,561	\$140,711,533	\$20,073	\$174,793,528	\$315,505,061	25%	\$78,087,503	2.4%	\$1,874,100
1994	9,896	85%	8,412	1.52	12,786	21,197	\$25,343	\$213,178,409	\$20,712	\$264,812,737	\$477,991,146	25%	\$118,302,809	2.3%	\$2,720,965
1995	13,739	85%	11,678	1.52	17,751	29,429	\$26,140	\$305,271,898	\$21,363	\$379,212,356	\$684,484,254	25%	\$169,409,853	2.2%	\$3,727,017
1996	16,110	85%	13,694	1.52	20,814	34,508	\$27,497	\$376,524,555	\$22,471	\$467,723,249	\$844,247,804	25%	\$208,951,331	2.1%	\$4,387,978
1997	19,318	85%	16,420	1.52	24,959	41,379	\$29,126	\$478,255,999	\$23,803	\$594,095,250	\$1,072,351,249	25%	\$265,406,934	2.0%	\$5,308,139
1998	22,174	85%	18,848	1.52	28,649	47,497	\$31,384	\$591,516,293	\$25,648	\$734,788,524	\$1,326,304,816	25%	\$328,260,442	2.1%	\$6,893,469
1999	23,096	85%	19,632	1.52	29,840	49,472	\$32,731	\$642,567,632	\$26,749	\$798,205,100	\$1,440,772,732	25%	\$356,591,251	2.1%	\$7,488,416
2000	24,129	85%	20,510	1.52	31,175	51,684	\$35,232	\$722,602,962	\$28,793	\$897,625,933	\$1,620,228,895	25%	\$401,006,651	2.1%	\$8,421,140
2001	25,467	85%	21,647	1.52	32,903	54,550	\$36,675	\$793,900,246	\$29,972	\$986,192,261	\$1,780,092,507	25%	\$440,572,895	2.1%	\$9,252,031
2002	24,807	85%	21,086	1.52	32,051	53,137	\$37,008	\$780,345,211	\$30,244	\$969,354,036	\$1,749,699,247	25%	\$433,050,564	2.5%	\$10,826,264
2003	23,453	85%	19,935	1.52	30,301	50,236	\$37,785	\$753,237,970	\$30,879	\$935,681,101	\$1,688,919,071	25%	\$418,007,470	2.5%	\$10,450,187
2004	24,517	85%	20,839	1.52	31,676	52,515	\$39,005	\$812,847,999	\$31,877	\$1,009,729,383	\$1,822,577,382	25%	\$451,087,902	2.5%	\$11,277,198
2005	24,605	85%	20,914	1.52	31,790	52,704	\$40,004	\$836,652,904	\$32,693	\$1,039,300,117	\$1,875,953,021	25%	\$464,298,373	2.5%	\$11,607,459
2006	25,939	85%	22,048	1.52	33,513	55,561	\$41,169	\$907,703,110	\$33,645	\$1,127,559,522	\$2,035,262,631	25%	\$503,727,501	2.5%	\$12,593,188
2007	26,831	85%	22,806	1.52	34,666	57,472	\$42,667	\$973,083,005	\$34,870	\$1,208,775,200	\$2,181,858,206	25%	\$540,009,906	2.5%	\$13,500,248
2008	24,430	85%	20,766	1.52	31,564	52,329	\$44,054	\$914,809,484	\$36,003	\$1,136,387,143	\$2,051,196,627	25%	\$507,671,165	2.5%	\$12,691,779
2009	24,097	85%	20,482	1.52	31,133	51,616	\$44,998	\$921,659,535	\$36,774	\$1,144,896,359	\$2,066,555,894	25%	\$511,472,584	2.5%	\$12,786,815
Total															\$147,421,575

Year	Total Jobs	Assessed Value Per Employee	Total Assessed Value	Average City Mill Levy	City Property Tax Collections	Increase in Jobs	Investment in Taxable Construction Materials and Business Equipment per Job	Total New Investment in Taxable Construction Materials and Business Equipment	City Sales and Use Tax Rate	City Sales and Use Tax Collections from Taxable Construction Materials and Equipment	Total City Sales, Use and Property Tax Revenue Collected
1990	835	\$21,804	\$18,214,635	7.266	\$0	835	\$35,339	\$29,521,084	2.5%	\$738,027	\$840,550
1991	3,517	\$22,723	\$79,921,333	7.000	\$132,348	2,682	\$36,828	\$98,765,601	2.5%	\$2,469,140	\$3,051,936
1992	7,970	\$23,414	\$186,621,594	7.000	\$559,449	4,453	\$37,948	\$168,992,929	2.5%	\$4,224,823	\$5,846,486
1993	14,437	\$24,110	\$348,073,819	6.869	\$1,306,351	6,467	\$39,075	\$252,689,033	2.4%	\$6,064,537	\$9,244,988
1994	21,197	\$24,736	\$524,324,202	6.869	\$2,390,919	6,760	\$40,090	\$271,012,318	2.3%	\$6,233,283	\$11,345,167
1995	29,429	\$25,429	\$748,361,353	6.590	\$3,601,583	8,232	\$41,214	\$339,264,510	2.2%	\$7,463,819	\$14,792,419
1996	34,508	\$26,176	\$903,278,962	6.439	\$4,931,701	5,079	\$42,425	\$215,461,524	2.1%	\$4,524,692	\$13,844,371
1997	41,379	\$26,788	\$1,108,469,121	5.607	\$5,816,213	6,872	\$43,416	\$298,337,341	2.0%	\$5,966,747	\$17,091,099
1998	47,497	\$27,203	\$1,292,030,034	5.607	\$6,215,186	6,118	\$44,088	\$269,710,955	2.1%	\$5,663,930	\$18,772,586
1999	49,472	\$27,799	\$1,375,267,176	5.323	\$7,244,412	1,975	\$45,055	\$88,980,132	2.1%	\$1,868,583	\$16,601,411
2000	51,684	\$28,735	\$1,485,149,632	5.323	\$7,320,547	2,213	\$46,572	\$103,048,821	2.1%	\$2,164,025	\$17,905,712
2001	54,550	\$29,544	\$1,611,654,839	5.032	\$7,905,451	2,866	\$47,884	\$137,234,145	2.1%	\$2,881,917	\$20,039,399
2002	53,137	\$30,016	\$1,594,937,583	5.032	\$8,109,847	-1,414	\$48,648	-\$68,774,145	2.5%	\$0	\$18,936,111
2003	50,236	\$30,706	\$1,542,534,853	5.032	\$8,025,726	-2,900	\$49,766	-\$144,333,474	2.5%	\$0	\$18,475,913
2004	52,515	\$31,525	\$1,655,530,561	4.944	\$7,762,035	2,279	\$51,093	\$116,445,664	2.5%	\$2,911,142	\$21,950,375
2005	52,704	\$32,586	\$1,717,395,185	4.944	\$8,184,943	188	\$52,813	\$9,955,002	2.5%	\$248,875	\$20,041,277
2006	55,561	\$33,634	\$1,868,765,425	4.944	\$8,490,802	2,857	\$54,512	\$155,764,760	2.5%	\$3,894,119	\$24,978,108
2007	57,472	\$34,600	\$1,988,516,102	4.944	\$9,239,176	1,911	\$56,077	\$107,144,264	2.5%	\$2,678,607	\$25,418,031
2008	52,329	\$35,920	\$1,879,660,145	4.944	\$9,831,224	-5,143	\$58,217	-\$299,405,548	2.5%	\$0	\$22,523,003
2009	51,616	\$35,804	\$1,848,026,656	4.279	\$9,293,040	-713	\$58,028	-\$41,390,560	2.5%	\$0	\$22,079,854
Total					\$116,360,955					\$59,996,266	\$207,417,841

**El Paso County Sales, Use and Property Tax Revenue Collection Impact from EDC Primary Job Creation Activity, 1990-2009**

Year	Total Primary Jobs	Percent in County	Total Primary Jobs in County	Secondary Job Multiplier	Total Secondary Jobs	Total Jobs	Primary Wage	Primary Earnings	Secondary Wage	Secondary Earnings	Total Earnings	% Spent for Taxable Consumption in the County	Taxable Consumption	County General Fund Sales Tax Rate	County Sales Tax Collections on Consumption
1990	390	100%	390	1.52	593	983	\$22,292	\$8,693,788	\$18,218	\$10,799,526	\$19,493,314	25%	\$4,824,595	1.0%	\$48,246
1991	1,642	100%	1,642	1.52	2,496	4,138	\$23,263	\$38,197,409	\$19,011	\$47,449,273	\$85,646,682	25%	\$21,197,554	1.0%	\$211,976
1992	3,721	100%	3,721	1.52	5,656	9,377	\$24,207	\$90,074,355	\$19,783	\$111,891,427	\$201,965,782	25%	\$49,986,531	1.0%	\$499,865
1993	6,740	100%	6,740	1.52	10,245	16,985	\$24,561	\$165,542,980	\$20,073	\$205,639,445	\$371,182,425	25%	\$91,867,650	1.0%	\$918,677
1994	9,896	100%	9,896	1.52	15,042	24,938	\$25,343	\$250,798,128	\$20,712	\$311,544,396	\$562,342,524	25%	\$139,179,775	1.0%	\$1,391,798
1995	13,739	100%	13,739	1.52	20,883	34,622	\$26,140	\$359,143,409	\$21,363	\$446,132,184	\$805,275,593	25%	\$199,305,709	1.0%	\$1,993,057
1996	16,110	100%	16,110	1.52	24,487	40,597	\$27,497	\$442,970,065	\$22,471	\$550,262,646	\$993,232,710	25%	\$245,825,096	1.0%	\$2,458,251
1997	19,318	100%	19,318	1.52	29,363	48,681	\$29,126	\$562,654,117	\$23,803	\$698,935,588	\$1,261,589,705	25%	\$312,243,452	1.0%	\$3,122,435
1998	22,174	100%	22,174	1.52	33,704	55,878	\$31,384	\$695,901,521	\$25,648	\$864,457,087	\$1,560,358,608	25%	\$386,188,755	1.0%	\$3,861,888
1999	23,096	100%	23,096	1.52	35,106	58,202	\$32,731	\$755,961,920	\$26,749	\$939,064,824	\$1,695,026,744	25%	\$419,519,119	1.0%	\$4,195,191
2000	24,129	100%	24,129	1.52	36,676	60,805	\$35,232	\$850,121,132	\$28,793	\$1,056,030,509	\$1,906,151,641	25%	\$471,772,531	1.0%	\$4,717,725
2001	25,467	100%	25,467	1.52	38,710	64,177	\$36,675	\$934,000,290	\$29,972	\$1,160,226,189	\$2,094,226,479	25%	\$518,321,053	1.0%	\$5,183,211
2002	24,807	100%	24,807	1.52	37,707	62,514	\$37,008	\$918,053,189	\$30,244	\$1,140,416,513	\$2,058,469,702	25%	\$509,471,251	1.0%	\$5,094,713
2003	23,453	100%	23,453	1.52	35,649	59,102	\$37,785	\$886,162,318	\$30,879	\$1,100,801,295	\$1,986,963,613	25%	\$491,773,494	1.0%	\$4,917,735
2004	24,517	100%	24,517	1.52	37,266	61,783	\$39,005	\$956,291,763	\$31,877	\$1,187,916,921	\$2,144,208,684	25%	\$530,691,649	1.0%	\$5,306,916
2005	24,605	100%	24,605	1.52	37,400	62,005	\$40,004	\$984,297,534	\$32,693	\$1,222,706,020	\$2,207,003,555	25%	\$546,233,380	1.0%	\$5,462,334
2006	25,939	100%	25,939	1.52	39,427	65,366	\$41,169	\$1,067,886,011	\$33,645	\$1,326,540,614	\$2,394,426,625	25%	\$592,620,590	1.0%	\$5,926,206
2007	26,831	100%	26,831	1.52	40,783	67,614	\$42,667	\$1,144,803,536	\$34,870	\$1,422,088,471	\$2,566,892,007	25%	\$635,305,772	1.0%	\$6,353,058
2008	24,430	100%	24,430	1.52	37,134	61,564	\$44,054	\$1,076,246,451	\$36,003	\$1,336,926,051	\$2,413,172,502	25%	\$597,260,194	1.0%	\$5,972,602
2009	24,097	100%	24,097	1.52	36,627	60,724	\$44,998	\$1,084,305,336	\$36,774	\$1,346,936,893	\$2,431,242,228	25%	\$601,732,452	1.0%	\$6,017,325
Total															\$73,653,206

Year	Total Jobs	Assessed Value Per Employee	Total Assessed Value	County Mill Levy	County Property Tax Collections	Increase in Jobs	Investment in Taxable Construction Materials and Business Equipment per Job	Total New Investment in Taxable Construction Materials and Business Equipment	County Sales and Use Tax Rate	County Sales and Use Tax Collections from Taxable Construction Materials and Equipment	Total County Sales, Use and Property Tax Revenue Collected
1990	983	\$21,804	\$21,428,983	11.000	\$0	983	\$35,339	\$34,730,687	1.0%	\$347,307	\$395,553
1991	4,138	\$22,723	\$94,025,097	12.000	\$235,719	3,155	\$36,828	\$116,194,825	1.0%	\$1,161,948	\$1,609,643
1992	9,377	\$23,414	\$219,554,817	11.405	\$1,128,301	5,239	\$37,948	\$198,815,210	1.0%	\$1,988,152	\$3,616,319
1993	16,985	\$24,110	\$409,498,611	11.405	\$2,504,023	7,608	\$39,075	\$297,281,215	1.0%	\$2,972,812	\$6,395,511
1994	24,938	\$24,736	\$616,852,002	11.405	\$4,670,332	7,953	\$40,090	\$318,838,021	1.0%	\$3,188,380	\$9,250,510
1995	34,622	\$25,429	\$880,425,122	11.405	\$7,035,197	9,684	\$41,214	\$399,134,717	1.0%	\$3,991,347	\$13,019,601
1996	40,597	\$26,176	\$1,062,681,132	11.405	\$10,041,249	5,975	\$42,425	\$253,484,146	1.0%	\$2,534,841	\$15,034,341
1997	48,681	\$26,788	\$1,304,081,318	9.430	\$12,119,878	8,084	\$43,416	\$350,985,107	1.0%	\$3,509,851	\$18,752,164
1998	55,878	\$27,203	\$1,520,035,334	9.430	\$12,297,487	7,197	\$44,088	\$317,307,006	1.0%	\$3,173,070	\$19,332,444
1999	58,202	\$27,799	\$1,617,961,384	8.339	\$14,333,933	2,323	\$45,055	\$104,682,508	1.0%	\$1,046,825	\$19,575,949
2000	60,805	\$28,735	\$1,747,234,861	8.339	\$13,492,180	2,603	\$46,572	\$121,233,907	1.0%	\$1,212,339	\$19,422,244
2001	64,177	\$29,544	\$1,896,064,517	7.821	\$14,570,192	3,372	\$47,884	\$161,451,935	1.0%	\$1,614,519	\$21,367,921
2002	62,514	\$30,016	\$1,876,397,156	7.880	\$14,829,121	-1,663	\$48,648	-\$80,910,759	1.0%	\$0	\$19,923,833
2003	59,102	\$30,706	\$1,814,746,885	7.947	\$14,786,010	-3,412	\$49,766	-\$169,804,087	1.0%	\$0	\$19,703,745
2004	61,783	\$31,525	\$1,947,683,013	8.012	\$14,421,793	2,681	\$51,093	\$136,994,899	1.0%	\$1,369,949	\$21,098,659
2005	62,005	\$32,586	\$2,020,464,923	7.673	\$15,604,836	222	\$52,813	\$11,711,767	1.0%	\$117,118	\$21,184,288
2006	65,366	\$33,634	\$2,198,547,559	7.710	\$15,503,027	3,362	\$54,512	\$183,252,658	1.0%	\$1,832,527	\$23,261,760
2007	67,614	\$34,600	\$2,339,430,708	7.514	\$16,950,802	2,248	\$56,077	\$126,052,075	1.0%	\$1,260,521	\$24,564,380
2008	61,564	\$35,920	\$2,211,364,876	7.583	\$17,578,482	-6,051	\$58,217	-\$352,241,822	1.0%	\$0	\$23,551,084
2009	60,724	\$35,804	\$2,174,149,007	7.531	\$16,768,780	-839	\$58,028	-\$48,694,777	1.0%	\$0	\$22,786,104
Total					\$218,871,341					\$31,321,507	\$104,974,713

EDC Jobs Created 1990-2009 and In-place

Year Announced	Number of Companies Announced	Still Here or in Process	Jobs Announced	Employees In-Place																			
				1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1990	10	5	1,808	384	635	703	812	1,031	1,247	1,403	1,504	1,414	1,405	1,322	1,428	1,497	1,405	1,508	1,434	1,441	1,470	1,188	918
1991	27	8	6,508	6	1,007	2,654	4,646	5,957	7,628	7,370	6,241	5,946	5,724	5,447	5,392	4,855	4,217	4,395	3,579	3,458	3,397	2,197	2,181
1992	32	10	2,517	0	0	364	589	741	931	970	1,069	1,091	1,164	1,417	1,460	1,461	1,252	1,026	1,166	997	853	794	711
1993	21	4	3,348	0	0	0	693	1,623	2,133	2,321	2,534	2,371	2,178	2,081	2,811	2,113	2,017	1,953	2,157	2,147	1,900	1,669	1,371
1994	16	7	4,342	0	0	0	0	544	1,092	1,862	1,790	1,879	2,190	2,272	1,858	1,992	1,740	1,941	1,868	1,968	2,054	1,692	1,496
1995	15	5	3,126	0	0	0	0	0	708	994	1,184	1,432	973	821	856	841	842	782	761	780	739	647	613
1996	20	5	5,200	0	0	0	0	0	0	1,190	1,774	2,822	2,721	3,242	3,298	3,145	3,021	3,265	2,929	2,732	2,328	1,712	1,841
1997	17	7	2,499	0	0	0	0	0	0	0	0	3,222	3,330	3,612	3,908	3,107	2,391	2,084	1,977	1,460	1,608	1,537	1,334
1998	15	6	3,942	0	0	0	0	0	0	0	0	0	1,889	2,676	2,391	2,288	2,702	2,508	2,674	2,457	2,780	3,039	3,039
1999	13	7	3,135	0	0	0	0	0	0	0	0	0	0	453	499	1,155	1,187	1,385	1,303	1,374	1,054	989	1,041
2000	12	5	3,650	0	0	0	0	0	0	0	0	0	0	0	729	1,709	2,404	2,184	2,264	2,201	2,171	2,104	1,395
2001	4	3	1,110	0	0	0	0	0	0	0	0	0	0	0	0	105	142	156	162	137	73	70	82
2002	5	2	2,050	0	0	0	0	0	0	0	0	0	0	0	0	0	77	585	604	653	666	315	44
2003	5	3	1,233	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	78	93	102	103	103
2004	12	9	2,038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	585	915	1,135	1,365	1,480
2005	8	7	2,460	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,421	1,711	1,898	2,320
2006	12	10	2,087	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,116	1,556	1,557
2007	17	14	2,462	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,114	1,588
2008	14	12	1,280	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	548
2009	13	11	2,046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	582
Total	288	140	55,033	390	1,642	3,721	6,740	9,896	13,739	16,110	19,318	22,174	23,096	24,129	25,467	24,807	23,453	24,517	24,605	25,939	26,831	24,430	24,097
				Change	1,252	2,079	3,019	3,156	3,843	2,371	3,208	2,856	922	1,033	1,338	-660	-1,354	1,064	88	1,334	892	-2,401	-333

Source: Economic Development Corp. and Summit Economics LLC.

Assessed and Market Values per Employee  
El Paso County, 2009

	Assessed Value	Market Value
Value of Residential Property	\$3,698,915,150	\$46,457,110,651
Total Employment Place of Residence + Military Living Off-base	309,069	309,069
Per Employee Value	\$11,968	\$150,313
Average Number of Workers per House		1.4
Value per Employee		\$107,366
Less Land (20%)		\$85,893
Taxable Materials (35%)		\$30,063
Value of Commercial Property	\$2,189,684,690	\$7,550,636,862
Value of Industrial Property	\$229,551,730	\$791,557,690
Value of Personal Property	\$652,481,960	\$2,249,937,793
Total Value	\$6,770,954,567	\$10,592,132,345
Total Employment Place of Residence	284,069	284,069
Per Employee Value	\$23,836	\$37,287
Taxable Materials (75%)		\$27,965
Per Employee Value	\$35,804	\$58,028

Source: El Paso and Pueblo County Assessors Offices, Colorado Department of Labor and Employment and Summit Economics, LLC.

Per Employee Assessed Value and Taxable Value of Building Materials,  
Equipment and Furnishings in Current \$ 1990-2009

Year	CPI 1982-83 =100	CPI CPI 2009=1	Taxable Materials	Assessed Value
1990	130.66	0.609	\$35,339	\$21,804
1991	136.17	0.635	\$36,828	\$22,723
1992	140.31	0.654	\$37,948	\$23,414
1993	144.48	0.673	\$39,075	\$24,110
1994	148.23	0.691	\$40,090	\$24,736
1995	152.38	0.710	\$41,214	\$25,429
1996	156.86	0.731	\$42,425	\$26,176
1997	160.53	0.748	\$43,416	\$26,788
1998	163.01	0.760	\$44,088	\$27,203
1999	166.58	0.776	\$45,055	\$27,799
2000	172.19	0.803	\$46,572	\$28,735
2001	177.04	0.825	\$47,884	\$29,544
2002	179.87	0.838	\$48,648	\$30,016
2003	184.00	0.858	\$49,766	\$30,706
2004	188.91	0.880	\$51,093	\$31,525
2005	195.27	0.910	\$52,813	\$32,586
2006	201.55	0.939	\$54,512	\$33,634
2007	207.34	0.966	\$56,077	\$34,600
2008	215.25	1.003	\$58,217	\$35,920
2009	214.55	1.000	\$58,028	\$35,804

**Estimate of Average Annual Earnings for Local Serving Industry, 2009**

2009 Quarterly Census of Employment and Wages, Sector (2 digit) data for El Paso County, CO, Aggregate of all types.							
Series Code (NAICS)	Industry	Average Establishments	Average Employment	Total Wages	Average Weekly Wage	Local Serving Industry	
						Average Employment	Total Wages
11	Agriculture, Forestry, Fishing & Hunting	30	184	\$4,473,385	\$468		
21	Mining	27	126	\$11,025,026	\$1,683		
22	Utilities	35	2,699	\$209,793,979	\$1,495	2,699	\$209,793,979
23	Construction	1,882	12,966	\$568,740,833	\$844	12,966	\$568,740,833
31-33	Manufacturing	558	13,361	\$732,706,843	\$1,055		
42	Wholesale Trade	817	5,279	\$271,000,939	\$987	5,279	\$271,000,939
44-45	Retail Trade	1,867	28,173	\$731,028,864	\$499	28,173	\$731,028,864
48-49	Transportation and Warehousing	323	5,107	\$211,343,892	\$796	5,107	\$211,343,892
51	Information	304	7,426	\$469,838,144	\$1,217		
52	Finance and Insurance	1,064	11,161	\$567,502,672	\$978	11,161	\$567,502,672
53	Real Estate and Rental and Leasing	1,084	4,066	\$127,809,581	\$604	4,066	\$127,809,581
54	Professional and Technical Services	3,086	22,002	\$1,638,786,054	\$1,432		
55	Management of Companies and Enterprises	124	916	\$73,287,060	\$1,539	916	\$73,287,060
56	Administrative and Waste Services	1,097	17,341	\$607,266,136	\$673	17,341	\$607,266,136
61	Educational Services	340	25,213	\$891,542,074	\$680	25,213	\$891,542,074
62	Health Care and Social Assistance	1,672	29,374	\$1,247,877,689	\$817	29,374	\$1,247,877,689
71	Arts, Entertainment, and Recreation	256	4,058	\$79,375,680	\$376	4,058	\$79,375,680
72	Accommodation and Food Services	1,215	23,963	\$380,450,660	\$305	23,963	\$380,450,660
81	Other Services, Ex. Public Admin	1,258	8,911	\$318,768,915	\$688	8,911	\$318,768,915
92	Public Administration	89	12,058	\$745,392,163	\$1,189	12,058	\$745,392,163
99	Unclassified	14	15	\$1,140,417	\$1,462	15	\$1,140,417
	Totals		234,399	\$9,889,151,006	\$42,189.39	191,300	\$7,032,321,554
	Average						\$36,761

Source: Colorado Deptment of Labor and Employment and Summit Economics, LLC

**Regional Impact System Multipliers - Colorado Springs Metro Area**

Aggregated Industry	Output		Direct earnings per \$ of	Total earnings per \$ of sales to final		Earnings multiplier		Direct employment per \$million of	Total employment per \$ of sales to final		Employment multiplier		Primary Average
	excluded	included		excluded	included	excluded	included		excluded	included	excluded	included	
impact of local government:													
Crop and animal production	1.8170	1.8987	0.1604	0.3380	0.3801	2.1073	2.3697	11.9534	19.4625	20.7671	1.6282	1.7373	
Forestry, fishing and related activities	1.4488	1.4937	0.2105	0.3340	0.3548	1.5866	1.6855	10.9872	15.3282	15.9587	1.3951	1.4525	
Oil and gas extraction	1.5016	1.5518	0.1204	0.2515	0.2823	2.0895	2.3450	1.1921	4.9949	7.3347	4.1901	6.1529	
Mining, except oil and gas	1.6182	1.6800	0.2268	0.3985	0.4311	1.7570	1.9009	3.5313	8.6124	10.0599	2.4389	2.8488	
Support activities for mining	1.8492	1.9341	0.2522	0.5202	0.5821	2.0629	2.3082	4.5714	13.1346	16.1621	2.8732	3.5355	
Utilities	1.4170	1.4587	0.1648	0.2822	0.3038	1.7121	1.8434	2.0580	5.7654	7.0323	2.8015	3.4171	
Construction	1.9515	2.0466	0.3556	0.6334	0.6871	1.7813	1.9323	8.8581	17.6702	19.6222	1.9948	2.2152	
Wood product manufacturing	1.5377	1.5915	0.1995	0.3504	0.3791	1.7567	1.9005	7.0309	11.6945	12.5253	1.6633	1.7815	1.7815
Nonmetallic mineral product manufacturing	1.5659	1.6225	0.1951	0.3550	0.3867	1.8191	1.9814	4.0876	8.9313	10.1319	2.1850	2.4787	2.4787
Primary metals	1.4433	1.4876	0.1167	0.2398	0.2681	2.0557	2.2983	2.0675	5.6504	6.8349	2.7330	3.3059	3.3059
Fabricated metals	1.5628	1.6191	0.2416	0.4002	0.4283	1.6568	1.7733	5.9068	10.8094	11.7878	1.8300	1.9956	1.9956
Machinery manufacturing	1.6113	1.6724	0.1991	0.3701	0.4049	1.8586	2.0332	4.2158	9.2760	10.5412	2.2003	2.5004	2.5004
Computer and electronic product	1.7917	1.8709	0.1844	0.3992	0.4518	2.1650	2.4504	2.4858	8.3173	10.8665	3.3460	4.3715	4.3715
Electrical equipment and appliance	1.6211	1.6832	0.1964	0.3731	0.4100	1.8995	2.0872	4.4095	9.5456	10.8040	2.1648	2.4502	2.4502
Motor vehicle, body, trailer, and parts	1.6003	1.6603	0.1905	0.3606	0.3960	1.8934	2.0792	4.7060	9.6992	10.8505	2.0610	2.3057	2.3057
Other transportation equipment	1.6989	1.7688	0.2168	0.4146	0.4562	1.9121	2.1040	2.6976	8.2743	10.4305	3.0672	3.8665	3.8665
Furniture and related manufacturing	1.5621	1.6183	0.2467	0.4050	0.4328	1.6414	1.7539	7.2963	12.2476	13.1392	1.6786	1.8008	1.8008
Miscellaneous manufacturing	1.6091	1.6700	0.2351	0.4079	0.4402	1.7347	1.8722	5.7528	10.9925	12.0940	1.9108	2.1023	2.1023
Food, beverage, and tobacco products	1.8131	1.8944	0.1043	0.2897	0.3524	2.7784	3.3794	2.6014	10.4150	14.8863	4.0036	5.7224	5.7224
Textile mill products	1.5368	1.5905	0.2467	0.3993	0.4256	1.6187	1.7255	8.4585	13.2606	14.0587	1.5677	1.6621	1.6621
Apparel, leather, and allied products	1.4944	1.5438	0.1949	0.3385	0.3654	1.7364	1.8745	7.1600	11.7574	12.5641	1.6421	1.7548	1.7548
Paper manufacturing	1.4168	1.4585	0.1588	0.2789	0.3017	1.7562	1.8998	2.9773	6.6151	7.5359	2.2218	2.5311	2.5311
Printing and related support activities	1.6390	1.7029	0.2720	0.4522	0.4843	1.6627	1.7807	7.3801	12.9594	14.0192	1.7560	1.8996	1.8996
Petroleum and coal products manufacturing	1.3876	1.4264	0.1021	0.2043	0.2270	2.0018	2.2247	1.1428	4.0806	5.4927	3.5708	4.8065	4.8065
Chemical manufacturing	1.5019	1.5521	0.1316	0.2750	0.3087	2.0902	2.3460	2.2487	6.3617	7.7857	2.8290	3.4623	3.4623
Plastics and rubber product	1.5257	1.5783	0.2182	0.3658	0.3923	1.6766	1.7983	5.3374	9.8823	10.8021	1.8515	2.0239	2.0239
													2.7801
Wholesale trade	1.7274	1.8001	0.3058	0.5174	0.5559	1.6919	1.8177	5.9620	12.7431	14.3785	2.1374	2.4117	
Retail trade	1.7938	1.8732	0.3243	0.5469	0.5872	1.6863	1.8106	14.2969	21.3696	22.4818	1.4947	1.5725	
Air transportation	1.8949	1.9844	0.2465	0.5251	0.5920	2.1302	2.4016	4.2712	14.4864	19.0402	3.3917	4.4578	
Rail transportation	1.7010	1.7711	0.2678	0.4750	0.5148	1.7740	1.9228	3.9796	10.4597	12.4942	2.6283	3.1395	
Truck transportation	1.7517	1.8269	0.2573	0.4732	0.5166	1.8393	2.0078	6.4998	13.2166	14.7398	2.0334	2.2677	
Transit and ground passenger transp.	1.8903	1.9793	0.3998	0.6617	0.7081	1.6553	1.7713	25.8904	34.1260	35.2472	1.3181	1.3614	
Other transportation and support	1.7850	1.8635	0.4515	0.6786	0.7145	1.5030	1.5826	12.1236	19.6998	21.0129	1.6249	1.7332	
Warehousing and storage	1.6622	1.7284	0.2668	0.4378	0.4678	1.6412	1.7536	7.5594	13.1259	14.1693	1.7364	1.8744	
Publishing including software	1.7276	1.8004	0.2708	0.4796	0.5197	1.7708	1.9187	4.6343	11.0994	12.8989	2.3951	2.7833	2.7833
Motion picture and sound recording	1.7197	1.7917	0.2018	0.3958	0.4379	1.9612	2.1697	7.2681	13.3410	14.5574	1.8356	2.0029	2.0029
Broadcasting and telecommunications	1.8304	1.9134	0.2180	0.4494	0.5028	2.0616	2.3064	3.3329	9.8627	12.2658	2.9592	3.6802	3.6802
Information and data processing	1.9602	2.0562	0.4773	0.7542	0.8006	1.5800	1.6773	8.6903	17.8212	19.9135	2.0507	2.2915	2.2915
													2.6895
Federal reserve banks, credit, & related	1.5966	1.6563	0.2171	0.3903	0.4241	1.7976	1.9534	4.5267	10.0737	11.4805	2.2254	2.5362	
Securities, commodity, and investments	1.9362	2.0298	0.4662	0.7456	0.7931	1.5992	1.7011	9.8915	18.7294	20.5670	1.8935	2.0793	
Insurance carriers and related	1.9899	2.0889	0.2543	0.5207	0.5816	2.0472	2.2867	5.5635	13.2084	15.3125	2.3741	2.7523	2.7523
Funds, trusts, and other financial	1.8069	1.8876	0.1136	0.3886	0.5127	3.4200	4.5119	2.6875	10.0932	13.9325	3.7557	5.1843	
Real estate	1.3651	1.4016	0.0452	0.1423	0.1812	3.1453	4.0044	1.7027	4.7629	5.8065	2.7973	3.4103	
Rental and leasing	1.4181	1.4599	0.1648	0.2820	0.3036	1.7109	1.8418	4.9577	8.8333	9.5824	1.7817	1.9328	
													2.7523
Professional, scientific, and tech. serv	1.8990	1.9889	0.4669	0.7306	0.7743	1.5649	1.6586	8.8986	17.7358	19.6914	1.9931	2.2129	2.2129
Management of companies and enterprises	1.9201	2.0121	0.4938	0.7500	0.7910	1.5187	1.6018	7.4959	15.5553	17.4292	2.0752	2.3252	
Administrative and support services	1.7790	1.8569	0.3983	0.6234	0.6607	1.5652	1.6590	18.0135	25.6656	26.8042	1.4248	1.4880	1.4880
													1.8505
Waste management and remediation	1.9373	2.0310	0.2886	0.5585	0.6161	1.9352	2.1348	4.9975	13.2848	15.9258	2.6583	3.1868	
Educational services	1.9897	2.0887	0.4127	0.6755	0.7214	1.6368	1.7481	20.4258	29.2619	30.5850	1.4326	1.4974	
Ambulatory health care services	1.9075	1.9983	0.5145	0.7748	0.8161	1.5059	1.5861	11.0346	19.8017	21.5107	1.7945	1.9494	
Hospitals, nursing and residential care	1.9531	2.0484	0.4642	0.7313	0.7759	1.5753	1.6715	14.5853	23.7840	25.3850	1.6307	1.7404	
Social assistance	1.8787	1.9666	0.3944	0.6353	0.6766	1.6108	1.7155	30.2770	38.3792	39.4345	1.2676	1.3025	
Performing arts, museums, and related	2.0168	2.1185	0.3506	0.6503	0.7111	1.8549	2.0283	14.6799	25.2892	27.2592	1.7227	1.8569	
Amusements, gambling, and recreation	1.8180	1.8998	0.3882	0.6138	0.6517	1.5813	1.6789	18.0136	25.3882	26.4719	1.4094	1.4696	
Accommodation	1.7272	1.7999	0.3491	0.5543	0.5889	1.5877	1.6868	16.2439	22.9949	23.9920	1.4156	1.4770	
Food services and drinking places	1.7892	1.8681	0.3880	0.5976	0.6317	1.5401	1.6280	29.9726	36.9384	37.8173	1.2324	1.2617	
Other services	1.8355	1.9190	0.3250	0.5568	0.5995	1.7130	1.8445	12.7381	20.1999	21.4568	1.5858	1.6845	
Households	1.0835	1.0919	0.3083	0.3084	0.3084	1.0003	1.0004	10.8869	10.8870	10.8870	1.0000	1.0000	
Average													2.5190

Source: US BEA