

**Potential Economic Impact of the 2007 and 2008
Western Athletics Conference Basketball
Tournaments**

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September 2006



The authors offer sincere thanks to Professors Richard V. Adkisson, Larry Blank, Meghan Starbuck, Benjamin Widner, and Anthony V. Popp for comments on an earlier draft. We also offer our thanks to Maria Roth for her assistance, insights, and encouragement. Of course, our appreciation does not imply blame for any errors or mistakes.

EXECUTIVE SUMMARY

The Western Athletic Conference (WAC) men's and women's basketball tournaments will be held in Las Cruces, New Mexico in 2007 (March 6-10) and 2008 (March 11-15). The tournaments will be sponsored by New Mexico State University. This report addresses the potential economic impact of the WAC basketball tournaments on the economy of the Las Cruces, NM Metropolitan Statistical Area (MSA) which contains all of Dona Ana County, NM.

The demographic and economic characteristics of the host city affect local ticket sales. Compared to the previous site of the tournament (Reno, NV), Las Cruces has about half the population and a much lower per capita income indicating the possibility of fewer local ticket sales.

No economic impact studies of previous WAC Basketball tournaments have been located. Generally, the literature suggests a relatively small economic impact from hosting sporting events.

Economic impact analysis is an attempt to measure the net change in economic activity in a given geographic area that results from new spending in the economy. Economic impacts are generally measured in terms of changes in output, income, and employment. In most economic impact studies, three types of impacts are estimated: direct, indirect and induced.

In this study, the impacts are estimated using IMPLAN (Input-output model) software. As with nearly all sporting events, the largest impacts occur because of visitor spending on lodging, food and miscellaneous retail items. Following standard procedures, spending by local residents is not included in the estimates. The results suggest the impact of the 2007 tournament should be an increase in local output of between \$355 thousand (Low case) and \$519 thousand (High case). These estimates include an increase in labor income of between \$132 thousand and \$192 thousand. The estimates suggest the creation of between 7 and 10 new jobs in the local economy.

Estimates of the implicit or indirect benefit of unpaid television exposure of the host city to regional and national audiences associated with hosting the basketball tournament are also provided. These estimates range from \$272 thousand to \$544 thousand. These benefits are long-run dynamic benefits and do not affect the local economy in the same way as new direct expenditures. Further, no attempt has been made here to quantify the possibility of increased in-migration of both individuals and firms to the region due to the visibility of this and other events.

The estimates in this report are based on reasonable assumptions made several months prior to the 2007 WAC basketball tournament. The actual number and proportion of out-of-town visitors is unknown. It is recommended that a survey of tournament visitors be undertaken during the event in order to obtain better estimates of the economic impact.

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Introduction:

The Western Athletic Conference (WAC) men's and women's basketball tournaments will be held in Las Cruces, New Mexico in 2007 (March 6-10) and 2008 (March 11-15). The tournaments will be sponsored by New Mexico State University. Financial and other contributions are being provided by the State of New Mexico, and other organizations and businesses.

This report was prepared in response to a request from NMSU Athletics Director, Dr. McKinley Boston. The report addresses the potential economic impact of the WAC basketball tournaments on the economy of Dona Ana County, New Mexico which is the Las Cruces Metropolitan Statistical Area (MSA). Preparing any economic impact study before the event takes place is a risky, but common practice. The actual economic impact of the tournaments on the local economy may differ from those reported here.

Structure of the WAC:

The WAC began in 1962 with six teams (Arizona, Arizona State, Brigham Young, New Mexico, Utah and Wyoming). Like nearly all other athletic conferences, WAC membership has changed considerably particularly over the last decade. Current WAC membership consists of nine teams (Table 1). NMSU joined the WAC in 2005 along with Idaho and Utah State. Additional history of the WAC can be found at:

http://www.wac.org/view_section.asp?section=About%20the%20WAC&print=true

Name of Institution	Location	Date of WAC Membership	Headcount Enrollment (Fall 2004)	Basketball Stadium Capacity
Boise State University	Boise, ID	2001	18,599	12,380
Fresno State University	Fresno, CA	1992	20,299	16,116
University of Hawaii	Honolulu, HI	1979	20,549	10,300
University of Idaho	Moscow, ID	2005	12,824	7,000
Louisiana Tech University	Monroe, LA	2001	11,500	8,000
University of Nevada-Reno	Reno, NV	2000	16,500	11,200
New Mexico State University	Las Cruces, NM	2005	16,428	13,071
San Jose State University	San Jose, CA	1996	29,975	5,000
University of Utah	Salt Lake City	2005	23,908	10,270
TOTALS			173,532	93,337
Source: Western Athletics conference: http://www.wac.org and Integrated Postsecondary Education Data System http://nces.ed.gov/ipeds/				

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Structure of the WAC Basketball Tournaments:

The WAC basketball tournaments were held in Reno, NV in 2005 and 2006. All nine teams participate in the tournament, if eligible under NCAA and WAC disciplinary rules. The first game between the number 8 and number 9 seeds is a "play-in" game although in 2006 there was no "play-in" game because Fresno State was on probation and not eligible to participate in the tournament. In total there are 16 games during a five day period (Table 2)

Day	No of games	Teams Remaining After Day Indicated	
1 Tuesday	2	16	
2 Wednesday	4	12	4 women's teams eliminated
3 Thursday	4	8	4 men's teams eliminated
4 Friday	4	4	
5 Saturday	2	2	Championship
TOTAL	16	--	

Reno, Nevada and Las Cruces, NM Comparisons

The demographic and economic characteristics of the host city affect local ticket sales. Table 3 displays selected characteristics of the Reno-Sparks, NV Metropolitan Statistical Area (MSA), the site of the 2006 WAC basketball tournament, and the Las Cruces, NM MSA, the site of the 2007 and 2008 tournaments. The Las Cruces, NM MSA consists of a single county, Dona Ana County, NM and will be referred to as Las Cruces in the remainder of this report. In 2004, Reno's population of 384,383 was slightly more than double the population of Las Cruces. Reno's 2004 per capita income of \$39,430 was 119.0 percent of the national average (\$33,050), while per capita income in Las Cruces (\$21,677) was only 65.6 percent of the national figure. Both MSAs have relatively low unemployment rates. In May, 2006 the Las Cruces MSA had an unemployment rate of 4.6 percent while the Reno MSA had an unemployment rate of 3.6 percent. The U.S unemployment rate in May 2006 was 4.9 percent.

Reno depends heavily on tourism. In 2004, Reno's employment in the accommodations and food services category (NAICS 1800) accounted for 14.9 percent of all private, non-farm employment. In Las Cruces, employment in the accommodations and food services category accounted for 9.2 percent of private non-farm employment. Nationally, accommodations and food services account for 8.0 percent of non-farm private sector employment.

Other things equal, the demographic and economic characteristics of the two cities suggest fewer local tournament ticket sales in Las Cruces than in Reno. This does not take into account the proximity of El Paso, TX to Las Cruces.

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However, since UTEP is not a WAC member and El Paso is a relatively low income area, it is doubtful that El Paso ticket sales will offset the potential decrease in ticket sales due to the smaller size and lower income of Las Cruces compared to Reno.

Table 3 : Selected Demographic and Economic Characteristics of Reno, Nevada and Las Cruces, NM Comparisons (2004)			
Item	Reno, NV	Las Cruces, NM	Notes
Population	384,383	185,524	LC is 48.3% of Reno
Per Capita Income	\$39,430	21,677	US=\$33,050
Total Personal Income	\$15,154,508,000	\$4,021,695,000	
Private Non-Farm Employment	230,451	60,287	
Employment in NAICS 1800 Accommodations and Food Services	34,339 (14.9% of total)	5,574 (9.2% of total)	
Unemployment Rate (May 2006 percent)	3.6%	4.6%	
Source: Regional Economic Information System (REIS), U.S. Department of Commerce, Bureau of Economic Analysis http://www.bea.gov for all data except the unemployment rate and U.S. Department of Labor, Bureau of Labor Statistics http://www.bls.gov for the unemployment rate.			

Other Studies:

The NCAA's promotional literature aimed at encouraging communities to host NCAA championship events makes three bold claims for potential host cities: significant economic impact, national exposure through various NCAA channels, and outstanding entertainment opportunities for members of the community. The third claim is undoubtedly true for the sports fans in any community. The second is questionable, as will be highlighted later in this report. The first claim, the most important in the eyes of the NCAA, is often an exaggeration.

Few economic impact studies of conference basketball tournaments have been published, although there are several studies assessing the impact of the NCAA final four. No economic impact studies of previous WAC Basketball tournaments have been located. At first, it seems incongruous that economic impact studies have not been published for more athletic activities, but there are two primary reasons that impact studies have not been published. First, most economic impact studies are prepared by consulting firms under direct contract with an event-sponsoring organization. Consequently, the results of the study are proprietary and thus are not published. Second, it may well be that few economic impact studies have actually been conducted, but it is more likely that

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many more have been conducted and simply not published. We hope that an additional possible explanation is not true, that is that the results showed negligible impacts and the sponsoring authority chose to not publicize that fact.

Kokila Doshi, Don Schumacher and Ky Snyder (2001) prepared a manual for investigating the primary issues and approaches to estimating the economic impact of sports events on host cities in an effort to avoid inflated bids that promoters (especially hotel and restaurant owners who benefit the most) advocate. The focus of economic impact analyses must be on visitor spending – the dollars visitors leave in the community that would not have been there had the event not taken place. Specifically excluded from an appropriately-analyzed impact study is tournament-related spending by local community members. Only people visiting the community from elsewhere will contribute to a positive economic impact; those who live in a community already will presumably spend their entertainment dollars on some other form (such as high school athletics, motion pictures, or other events) and will not contribute additional dollars to restaurants, hotels, and local retail businesses. From a statewide perspective, only out-of-state visitors would be included in the analysis. As a result, the statewide economic impact becomes fairly small as the substitution of collegiate athletics for other entertainment forms becomes dominant.

Several economic impact studies of college athletic events/programs have been published, including estimates of the impact of the entire athletic programs of the University of Tennessee, Knoxville; Ohio State University, Louisiana State University, Nicholls State University (Louisiana), Oregon State University; and the University of Texas at El Paso. Those studies generally show a positive economic impact for the home community of the college or university, but statewide impacts are less positive.

Additionally, economic impact estimates have been published for a move by California State University, Bakersfield from NCAA Division II to Division I; construction of athletic facilities at Penn State University; and several specific events. A summary of impact estimates for the 2001 NCAA Women's Final Four basketball tournament in St. Louis, Missouri; the 2002 NCAA Men's West Regional basketball tournament in Santa Clara, California; the 2004 NCAA Men's Final Four basketball tournament in San Antonio, Texas; the 2005 NCAA Men's Regional basketball tournament in Austin, Texas; the 2005 NCAA Men's Regional baseball tournament in Lincoln, Nebraska; and the 2008 NCAA Men's Regional basketball tournament in Tampa, Florida are presented in the table below. These studies, mainly projections, indicate wildly varying levels of impacts, most of them highly inflated. Generally these studies are inflated due to inclusion of ticket purchases by local community members, excessive estimates of the amount of money spent by visitors and the number of hotel rooms actually used by visitors, and ignoring the crowding out effect (other visitors who would have been in town were not able to book a hotel room because of the number of fans at the sporting event).

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The University of Nebraska-Lincoln's Bureau of Business Research carefully compared visitor spending at sporting events reported in impact studies done for Ohio State, Louisiana State, Tennessee, and Penn State. They concluded that the average daily spending for fans living outside the immediate metropolitan area was \$85.29 (not including tickets). The UTEP analysis (Schauer, David A. and Dennis L. Soden, 2003) concluded that approximately 25% of attendees stayed in hotels while attending UTEP events. Half of the attendees were local and the remaining 25% stayed with friends and/or family in El Paso or Las Cruces.

Table 4.

Year	Event	Sport	Men/Women	Impact		Location
				Estimate	Visitors	
2001	NCAA Final Four	Basketball	Women	\$20.9 million	30,000	St. Louis
2001	Atlantic Coast Conf	Basketball	Men	\$31 million*		Atlanta
2002	NCAA Regional	Basketball	Men	\$10 million		Santa Clara
2002	NCAA Regional Dallas	Basketball	Men	\$36 million	10,000	
2004	NCAA Final Four	Basketball	Men	\$108.5 million	50,000	San Antonio
2004	NCAA Final Four	Basketball	Men	\$55 million*	51,000	San Antonio
2005	NCAA Regional	Basketball	Men	\$845,000		Austin
2005	NCAA Regional	Baseball	Men	\$1 million	42,000	Lincoln
2008	NCAA 1 st & 2 nd	Basketball	Men	\$15-20 million		Tampa

* means estimate after the event took place. Other impacts were estimates made prior to the event.

Two reports discuss some of the difficulties encountered between professional and promotion economic impact statements. Victor A. Matheson and Robert A. Baade (2003) published a critique of the economic impact estimates of the NCAA basketball tournaments. They concluded that since 1970 for men's NCAA basketball tournaments and since 1982 for women's NCAA tournaments, "the economic impact for host cities for the year the event is hosted is on average small and negative for the NCAA Men's Final Four and small and positive for the Women's Final Four." The economic impact Matheson and Baade found was not correlated to the size of the facility or the size of the host city. Similarly, Soonhwan Lee (2001) expressed doubt that sporting events help develop a community's economy because of substitution effects, crowding out effects, and incorrectly accounting for local community members.

Economic impact analyses, such as the reports described above, concentrate on measurement of short-term impact or on an economic boost that directly results from a particular activity or set of activities. It is virtually impossible to quantify appropriate long-term impacts to a specific event. Yet, we know decisions made by companies and individuals to relocate (thus encouraging permanent growth and increased broad-based opportunity) to a specific community are influenced by the presence of amenities and quality life factors associated with education, athletic, and cultural opportunities. Relocation decisions to Las Cruces happen in part because of activities offered by the NMSU-SWTC theater series, orchestra and other concerts as well as lectures on a variety of topics hosted by NMSU and by Aggie athletics. To attribute a relocation decision to Las Cruces because of the WAC tournament specifically is tenuous at best but relocation decisions

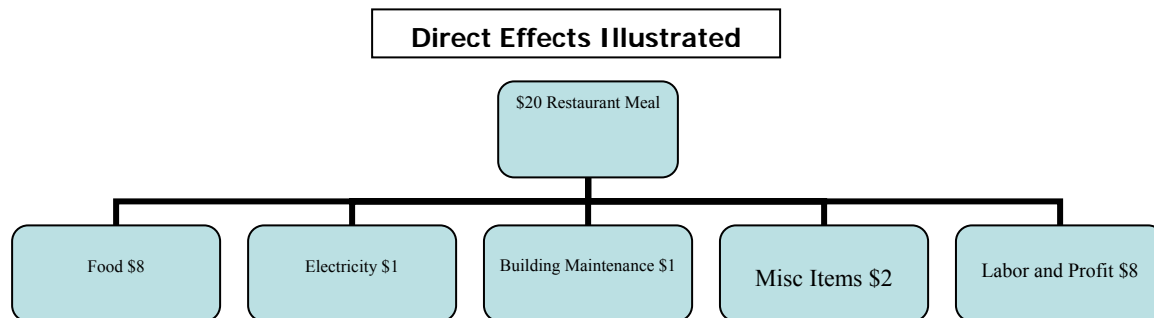
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based on a series of athletic events (including regular season and special event) taken as a whole is certainly possible.

Method:

Economic impact analysis is an attempt to measure the net change in economic activity in a given geographic area that results from new spending in the economy. Economic impacts are generally measured in terms of changes in output, income, and employment. In most economic impact studies, three types of impacts are estimated: direct, indirect and induced.

An example of each type of impact can be given by considering what happens when a visitor from outside the area stops at a local restaurant for a meal. Assume that the visitor spends \$20 for the meal. The direct impact of this new spending is \$20 –the final sale recorded by the owner of the restaurant. If we know something about the restaurant business, we may be able to break down this \$20 expenditure into different categories. For example, the restaurant may have spent \$8 (40 percent of the menu price) on food, another \$1 (five percent) on electricity, another \$1 (five percent) on building maintenance and repair, \$2 (ten percent) on miscellaneous items such as cleaning supplies, \$6 (30 percent) on labor, and \$2 (ten percent) remains for profit. All of these items are part of the direct expenditure of the \$20 meal purchased by the visitor and are depicted in diagram 1.



The effects of the visitor purchasing the meal do not stop with the direct effects. Consider, for example, the \$8 the restaurant purchased in food as an input to the production process. Perhaps the restaurant bought the food from a single supplier, but the supplier in turn purchased goods and services from others

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including vegetables from a local farmer, meat from a butcher, and accounting services. In turn, the local farmer, the butcher and the accountant must purchase inputs from other industries. These activities that were caused by purchases from one of the direct suppliers are known as indirect effects.

The process, however, is still not complete. Assuming that the restaurant workers and restaurant owner are local residents, there will be additional spending generated from the wages paid to the workers and the profit of the owner. This additional household spending is known as an induced impact.

This all sounds simple enough. There are only three basic ideas. First, a new dollar of spending in a given area will generate more than a single dollar's worth of new economic activity in that area. Second, all industries purchase inputs from other industries. Third, households will spend additional income generated from the new economic activity.

Given knowledge of a pattern of new spending, economists can calculate the direct, indirect, and induced effects of that spending. Computer programs based on input-output models such as IMPLAN are available to perform the calculations. The analyst, however, must be very careful to make certain that the impacts are estimated correctly.

First, the new spending must, in fact, be new. The example above began with a visitor from outside the local area purchasing a meal from a local restaurant. If the same meal had been purchased by a local resident, there would have been no net increase in economic activity in the area.

Second, the size of the local economy matters. To the extent that the direct inputs are imported from other areas, new spending doesn't do much for the local economy. In the restaurant example, if the food purchased by the restaurant was produced elsewhere, there would obviously be no effect on local farmers. If the restaurant owner was a large chain located outside the local economy, the profits from the sale of the meal would likely leave the local economy and no induced effects from the profits should be attributed to the local area.

In general, the smaller the local economy under consideration, the more likely it is for firms operating locally to obtain inputs from outside the area.

Third, supply constraints in the local economy are important. Consider the potential effects on the hotel industry of a large sports tournament. Suppose a city has 2,500 hotel rooms available. The fact that all hotel rooms are sold-out during the tournament does not mean that the effects of renting all 2,500 hotel rooms should be attributed to the tournament. If the usual hotel occupancy rate is 50 percent, the maximum number of hotel rooms that can be attributed to the tournament would be 1,250. Some tourist and convention oriented cities often have an occupancy rate of 90 percent. The effects of a large convention or sporting event such as the super bowl should not include more than ten percent

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of the hotel rooms in the city! Very often economic impact studies make a mistake by allocating the gross amount rather than the net amount.

In the pages that follow, we have calculated the potential economic impact of the WAC tournament being held in Las Cruces in 2007. We consider a single tournament year, but the impact should be roughly the same in 2008. The economic impacts fall into two main areas: (1) the impact of out-of-town visitors on the accommodations and food services industries and (2) direct expenses of conducting the tournament that would not have occurred if the tournament were not being held. The specific assumptions made for each category are outlined below.

In addition, the benefits of unpaid TV exposure for the Las Cruces area have been estimated. Unpaid TV exposure has the potential to benefit the region over the long run in a fashion similar to the publicity associated with a city being designated on one or more “best places to live” lists. These long-run benefits are real, but do not impact the local economy in the same fashion as new direct expenditures.

As noted, economic impact analyses invariably ignore the attendance of locals due to the substitution effect – locals who attend an athletic event do not patronize another local entertainment event at the same time. Only the additional economic boost gained from visitors through spending while in town add to net economic activity. Unmeasured, however, is the possibility that a local resident who attended a local athletic event chose to attend that event instead of an out-of-town event. A net economic benefit would occur if the local resident spent his/her entertainment dollars locally rather than somewhere else. This effect is well recognized in retail sales when local residents patronize a new local store in place of a previous out-of-town shopping habit. Only a further survey of local residents attending a specific event would lead to measurement of this effect for college athletics.

Finally, no attempt has been made here to quantify the long-term dynamic benefits of the WAC Basketball Tournaments. As noted earlier, these include the possibility of increased in-migration of both individuals and firms to the region due to the visibility of this and other events.

IMPACT ANALYSIS

Visitor Spending: (accommodations, food, and miscellaneous retail)

The availability of hotel rooms in Las Cruces is the starting point for the analysis of the impact of the 2007 tournament on the local economy. The Las Cruces Convention and Visitor’s Bureau website as of August 17, 2006 states that there are 2,200 hotel rooms available

(http://www.lascrucescvb.org/html/meeting_space_in_las_cruces.html). The computations in Table 5 below indicate 2,178 available rooms including 217

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rooms in two new hotels currently under construction that will meet or exceed visitor expectations of quality and location.

The Las Cruces Convention and Visitor's Bureau (Maria Roth memo) reported a hotel occupancy rate in Las Cruces in March 2006 of 82.4 percent. There were no large special events in Las Cruces during March 2006. We assume below that the maximum number of hotel rooms available per night in Las Cruces without displacing non-tournament related visitors is 383 or 17.6 percent of total rooms. Over the six nights of the tournament, there would be a maximum of 2,300 (383 x 6) room nights available.

The NMSU Athletics Department (Roth email August 17, 2006) reported that under the terms of the proposal, 949 room nights will be provided for teams and an additional 360 room nights provided for WAC officials during the tournament. The total number of room nights provided from tournament revenue is 1,309 (949 + 360). We have included all 1,309 room nights in the scenarios listed below. An argument can be made that only those rooms paid for by tournament revenue from out-of-town visitors should be included. We have included all 1,309 room nights because without the tournament, these rooms would likely remain unoccupied.

The 1,309 room nights represents the minimum impact in the accommodations industry that could be expected from the tournament. In addition to the rooms provided for teams and WAC officials, it can be reasonably anticipated that other rooms will be required in the following categories: (a) it is often the case that visiting teams book additional rooms beyond those provided by the host institution, (b) rooms for media personnel that are not provided, and (c) out-of-town visitors. Our "Low Impact Estimates" below assume that an additional 50 rooms per night (300 over the six nights) is a conservative estimate from the three categories mentioned. Hence, our "Low Estimates" are based on 1,609 room nights during the tournament. Our "High Impact Estimates" assume that all available non-displacement room nights (2,300) are occupied. A different view of the "High Impact Estimate" is that this estimate assumes an additional 691 room nights over six days or approximately 115 room rentals per night of the tournament.

The Average Daily Revenue per room night reported for hotels in Las Cruces for March, 2006 was \$65.25. Below, we use an ADR of \$70 for the 2007 tournament. So, the direct impact of hotel accommodations is estimated below for both the low and high cases described earlier.

Low Case = \$112,630 (1,609 room nights x \$70 per room per night).

High Case = \$161,060 (2,300 room nights x \$70 per room night)

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Table 5: Las Cruces Area Hotel Room Availability (August 2006)		
Number	Name	Rooms
1	Best Western Mesilla Valley Inn	160
2	Best Western Mission Inn	70
3	Comfort Inn (Valley Dr.)	39
4	Comfort Inn and Suites de Mesilla	50
5	Comfort Suites (Trviz Dr)	61
6	Fairfield Inn	78
7	Hampton Inn	117
8	Hilton	205
9	Holiday Inn Express	50
10	La Quinta (Avenida de Mesilla)	139
11	La Quinta (Annex)	92
12	Meson de Mesilla	15
13	Motel 6 (Telshor)	83
14	Motel 6 (La Posada)	106
15	Ramada Palms	114
16	Sleep Inn	63
17	Springhill Suites	101
18	Staybridge Suites	87
19	Super 8 (N. Main)	60
20	Super 8 (South)	60
21	Teakwood Inn	130
22	Townplace Suites	81
	Subtotal (Category I)	1961
23	A Day's Inn Lodge	30
24	Bruce Motel	20
25	Budget Inn	35
26	Century 21 Motel	43
27	Coachlight Inn	96
28	Desert Lodge	10
29	Desert Oasis	18
30	Economy Inn	100
31	Imperial Sky	25
32	Royal Host	26
33	Sands Motel	26
34	Townhouse	21
35	Western Inn	48
	Subtotal (Category II) New by March 2007	498
36	Hampton Inn (2)	130
37	Holiday Inn Express (2)	87
	Subtotal (Category III)	217
	Total	2676
Source: Las Cruces Convention and Visitors Bureau Website and hotel websites (August		

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Hotel accommodations are not the only component of visitor spending. Generally, the second largest item in visitor spending is the amount spent on food. The NMSU proposal indicates \$350 for food per team on the day before the team plays a game and \$750 per team for food on game days. This amounts to approximately \$55,000 in direct expenditures on food for teams alone. This amount (\$55,000) is assigned as the food expenditure for the 949 room nights provided to teams. At two persons per room, this is about \$28 per day for food per person.

For the remaining rooms we are assuming double occupancy and that each occupant will spend approximately \$39 per day on food. The \$39 food estimate is based on the NMSU per diem rate.

For the Low Impact Case, direct expenditures on food are calculated as:

Low Case:

$$\begin{aligned} & \$55,000 \text{ (provided from tournament revenue)} \\ + & \$51,840 \text{ (660 room nights x two persons per room x \$39 per person)} \\ = & \$106,480 \end{aligned}$$

High Case,

$$\begin{aligned} & \$55,000 \text{ (provided from tournament revenue)} \\ + & \$105,378 \text{ (1,351 rooms x two persons per room x \$39 per person)} \\ = & \$160,378 \end{aligned}$$

Miscellaneous expenditures (souvenirs, and other retail shopping).

In addition to accommodations and food, out-of-town visitors typically spend a modest amount on souvenirs and other retail items. In the calculations below, it has been assumed that the average length of stay per visitor will be four days and that each visitor will spend \$50 in the retail trade sector. The assumptions regarding length of stay and expenditure per person are rough approximations and may be over-estimates of actual expenditures. The standard method of improving these figures is to conduct a survey of visitors during the tournaments. Low and High case computations are as follows:

Low Case: $\$40,225 = 1,609 \text{ room nights} \times 2 \text{ persons per room} \div 4 \text{ (the average number of nights per person)} \times \$50 \text{ (miscellaneous expenditure per person)}$

High Case $\$57,500 = 2,300 \text{ room nights} \times 2 \text{ persons per room} \div 4 \text{ (the average number of nights per person)} \times \$50 \text{ (miscellaneous expenditure per person)}$

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The Low and High Case Scenarios for visitor spending (accommodations, food and miscellaneous retail expenditures) were used as input to the IMPLAN program to calculate the indirect and induced impacts of the 2007 tournament. The results are summarized in Table 6 below. In Table 6, both output and Labor income are measured in dollars and employment is measured as number of jobs. Output should be interpreted as final sales in the local economy. Labor income consists of both employee compensation and proprietor's income. The impacts reported are static (one-year) impacts and do not imply permanent increases in output, income, or employment for the local economy.

To summarize briefly, the 2007 WAC basketball tournament is estimated to have an impact on output (final sales) ranging from \$355 thousand to \$519 thousand; an impact on total jobs of between 6.9 and 10.1 and an impact on labor income of between \$132 thousand and \$182 thousand. The estimated impact on state and local taxes is between \$31 thousand and \$45 thousand.

Table 6: Estimated Economic Impacts of the 2007 WAC Basketball Tournament				
	Direct	Indirect	Induced	Total
Low Case				
Output	\$259,335	\$46,307	\$49,158	\$354,800
Employment	5.7	0.6	0.6	6.9
Labor Income	\$100,788	\$13,846	\$17,027	\$131,661
Tax Impact State and Local				\$30,975
High Case				
Output	\$378,878	\$68,662	\$71,773	\$519,313
Employment	8.4	0.8	0.9	10.1
Labor Income	\$146,840	\$20,487	\$24,860	\$192,187
Tax Impact State and Local				\$44,753
Author calculations using IMPLAN.				

Unpaid TV Exposure for the Las Cruces, NM Area

An implicit or indirect benefit of hosting a basketball tournament is unpaid television exposure of the host city to regional and national audiences. While host cities sometimes pay for public service announcements promoting their area during sporting events and at other times, the "free publicity" from exposure during tournaments may be regarded as a benefit to the host city.

Three game films (two men's and one women's game) from the WAC basketball tournament in March 2006 were examined in order to estimate this implicit benefit to Reno, Nevada. Oddly, there were no public service announcements or descriptions of the individual universities playing the games even though this is

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common practice in televised games in many large conferences. Two major types of activities were counted as ‘free publicity for the Reno-Sparks-Tahoe area. First, beneath the WAC logo on center court, the words “Reno-Tahoe” appeared in fairly large lettering. One second of advertising equivalent time was given each time the “Reno-Tahoe” portion of the center court logo was clearly visible. One second was allocated for each “Reno-Tahoe Logo” occurrence even though the “Logo” exposure was on occasion as long as 3 or 4 seconds and sometimes the exposure was less than a second. In addition, we timed film of the Reno area on those occasions when it did not appear to be ‘paid’ advertising. The results are displayed in Table 6. The first number in the third column represents total seconds allocated. The numbers in parentheses in the third column represent the number of seconds estimated in the first (logo exposure category).

Game	Game Description	Game Exposure (Time in Seconds)
NMSU v Hawaii	Men’s Quarterfinal	154 (88)
NMSU v Nevada	Men’s Semifinal	132 (120)
NMSU v La Tech	Women’s Final	148 (24)
Averages		144.7

Because only three games were available for viewing from the 2006 WAC basketball tournament, a conservative estimate of two minutes of unpaid TV exposure per game is reported. ESPN2 charges approximately \$8,500 per 30 second unit for advertising at the WAC basketball tournament and similar events. During the course of a sixteen game tournament the calculations (16 games x 2 minutes per game x \$17,000 per minute) result in an estimate of \$544,000 for the unpaid TV advertising.

We are inclined to err on the side of caution in estimating implied benefits. Hence, we provide a range of \$272,000 (one-half of the amount estimated above) to \$544,000 (the estimate calculated above).

Most of the implied benefits resulted from exposure of the “Reno-Tahoe” name below the WAC logo. If the center court logo does not display “Las Cruces, NM” prominently, most of these benefits would not occur in the 2007 or 2008 tournaments. We strongly recommend that NMSU and/or the Las Cruces Convention and Visitor’s Bureau provide public service announcements promoting the area and NMSU for the 2007 and 2008 tournaments –even if air-time for these announcements must be purchased.

Recommendations:

- (1) A survey of spectators during the 2007 tournament would provide the basis for a more accurate assessment of the economic impacts of the tournament. In particular, such a survey would provide more accurate estimates of the number of out-of-town visitors and their expenditures. We have included (Appendix A) an example of the type of survey often recommended for sporting events and we can provide a cost estimate of the survey.
- (2) We recommend that this preliminary assessment of the economic impact of the WAC tournaments and any subsequent reports be made public on the NMSU Athletics department website.
- (3) We recommend that NMSU Athletics ensure that the phrase "Las Cruces, New Mexico" appear prominently under the center court logo.
- (4) We recommend that NMSU and other local organizations provide (and pay for if necessary) public service announcements for TV broadcasts in order to promote the university and the Las Cruces area.
- (5) Given the smaller population base and lower per capita income of Las Cruces compared to Reno, we recommend that NMSU should make special efforts to promote local tournament ticket sales.

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WAC Basketball Tournament Impact Study

Appendix A

We recommend that NMSU conduct a survey of WAC Basketball Tournament spectators during the 2007 (and possibly 2008) tournament. The survey would be used to determine (a) the number and proportion of game spectators who normally reside outside Dona Ana County and (b) the spending pattern (hotels, restaurants, miscellaneous items) of those out-of-town visitors.

In order to conduct such a survey correctly, all entrances at all doors would need to be covered by enumerators for at least the first half of each game. Typical costs of spectator surveys are from \$1,000 to \$5,000 per event –not including data processing and analysis. Using student and/or volunteer labor could reduce the cost considerably.

A typical survey instrument (modified for the WAC Basketball Tournament) is not very elaborate. An example is given below.

Example Survey:

1. Are you a visitor to Las Cruces or is Las Cruces your usual place of residence?
 - Visitor to Las Cruces (Dona Ana County)
 - Las Cruces is my usual place of residence (Go to Question 11)
2. What is your home Zip Code _____
(Enter City and Country if not living in US)
3. How many nights in total do you plan to spend in Las Cruces on this visit? _____
4. If staying overnight, what type of accommodations are you staying in?
 - Hotel (Ask Questions 5 and 6)
 - Motel (Ask questions 5 and 6)
 - Campground/RV Park (Ask Questions 5 and 6)
 - Private home (Skip to question 7)
 - Renting Apartment or Condo (Skip to question 7)
5. How much is your hotel (motel, campground or RV Park) costing per night? _____
6. How many rooms (camping spots) is your travel party occupying at this rate? _____
7. What type of transportation did you use to arrive in Las Cruces?
 - Air Travel (including arriving in EL Paso/Juarez)
 - Drove personal Vehicle
 - Drove rental vehicle
 - Other
8. Was the WAC Basketball Tournament the primary reason for your visit to Las Cruces?

WAC Basketball Tournament Impact Study

- Yes
- No

9. Considering all of the things you and your travel party do in a normal day during your visit, how much does your group spend on:

Estimated Expenses	
Meals and snacks out	
Groceries and food not included above	
Souvenirs and Programs	
Other Shopping (Non-food)	
Amusements and attractions not including tournament tickets	
Other	
TOTAL (Calculated Later)	

10. Including yourself, how many people in your group are in the following age-sex categories?

Age Group	Male	Female
Under 18		
18 to 29		
30 to 45		
46 to 65		
65 and over		
TOTALS		

11. What type of ticket do you have for today's events?

Tournament pass

Single ticket for today's event only

12. Did you purchase your ticket or was it a gift?

- purchased Amount _____
- gift
- Other (press or professional pass)

13. Are you attending the tournament as a fan of a particular university?

If so, _____

14. How many games will you attend during the entire tournament?

Men's ____ Women's _____

WAC Basketball Tournament Impact Study

The IMPLAN tables below show the detailed impacts of the WAC 2007 tournament on output employment and labor income by industry.



Output Impact

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IMPACT NAME: WAC 2007 Low Revised MULTIPLIER: Type SAM
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<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	
2 Grain farming	0	3	0	3	1.06
3 Vegetable and melon farming	0	310	114	424	1.06
4 Tree nut farming	0	1	11	12	1.06
5 Fruit farming	0	1	2	3	1.06
6 Greenhouse and nursery production	0	32	80	112	1.06
8 Cotton farming	0	0	3	3	1.06
10 All other crop farming	0	210	43	253	1.06
11 Cattle ranching and farming	0	854	130	984	1.06
12 Poultry and egg production	0	86	18	104	1.06
13 Animal production- except cattle and p	0	53	11	64	1.06
15 Forest nurseries- forest products- and t	0	0	0	0	1.12
18 Agriculture and forestry support activit	0	100	36	136	1.12
25 Sand- gravel- clay- and refractory min	0	0	0	0	1.12
26 Other nonmetallic mineral mining	0	11	14	25	1.12
30 Power generation and supply	0	2,730	934	3,664	1.13
32 Water- sewage and other systems	0	174	107	281	1.20
42 Maintenance and repair of farm and no	0	20	80	100	1.08
43 Maintenance and repair of nonresidenti	0	1,881	211	2,092	1.08
45 Other maintenance and repair construc	0	171	75	246	1.08
47 Other animal food manufacturing	0	1	1	2	1.18
48 Flour milling	0	5	2	8	1.20
58 Confectionery manufacturing from pur	0	0	0	0	1.12
59 Nonchocolate confectionery manufactu	0	1	0	1	1.12
61 Fruit and vegetable canning and dryin	0	310	40	350	1.13
64 Cheese manufacturing	0	1,787	202	1,989	1.07
68 Meat processed from carcasses	0	1,611	394	2,005	1.08
73 Bread and bakery product- except froz	0	203	31	234	1.14
77 Tortilla manufacturing	0	53	20	73	1.14
79 Other snack food manufacturing	0	208	78	285	1.09
83 Spice and extract manufacturing	0	393	114	507	1.09
84 All other food manufacturing	0	88	55	143	1.09
86 Breweries	0	16	5	21	1.10
87 Wineries	0	7	1	8	1.10
94 Narrow fabric mills and schiffl embro	0	0	1	2	1.11
100 Curtain and linen mills	0	0	1	2	1.08
103 Other miscellaneous textile product mil	0	0	0	1	1.08
104 Sheer hosiery mills	0	0	1	1	1.12
107 Cut and sew apparel manufacturing	0	2	192	194	1.10
116 Engineered wood member and truss ma	0	29	6	36	1.10
117 Wood windows and door manufacturin	0	49	13	62	1.11
119 Other millwork- including flooring	0	10	2	12	1.11
123 Miscellaneous wood product manufact	0	10	7	17	1.11
126 Paperboard container manufacturing	0	5	1	7	1.13
136 Manifold business forms printing	0	4	1	5	1.12
139 Commercial printing	0	383	58	441	1.12
143 Asphalt paving mixture and block man	0	21	7	28	1.08
160 Pharmaceutical and medicine manufac	0	1	222	223	1.14
170 Photographic film and chemical manuf	0	16	29	45	1.13
178 Foam product manufacturing	0	1,330	97	1,427	1.13
185 Brick and structural clay tile manufact	0	0	0	1	1.12
190 Glass and glass products- except glass	0	23	5	28	1.15
192 Ready-mix concrete manufacturing	0	0	0	0	1.07
194 Concrete pipe manufacturing	0	0	0	0	1.07
195 Other concrete product manufacturing	0	0	0	0	1.07
217 Copper wire- except mechanical- draw	0	1	0	1	1.19
219 Nonferrous metal- except copper and	0	1	0	1	1.19
227 All other forging and stamping	0	9	5	14	1.13
229 Hand and edge tool manufacturing	0	2	4	6	1.16
232 Prefabricated metal buildings and com	0	0	0	0	1.11
233 Fabricated structural metal manufactu	0	1	0	1	1.11
234 Plate work manufacturing	0	0	0	0	1.11
236 Sheet metal work manufacturing	0	0	0	0	1.11
237 Ornamental and architectural metal w	0	2	0	3	1.11
243 Machine shops	0	15	6	21	1.11
245 Metal heat treating	0	1	1	2	1.11

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



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<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	
247 Electroplating- anodizing- and colorin	0	1	0	1	1.11
248 Metal valve manufacturing	0	0	0	0	1.13
255 Miscellaneous fabricated metal produc	0	1	0	1	1.13
257 Farm machinery and equipment manuf	0	3	1	4	1.14
259 Construction machinery manufacturin	0	0	0	1	1.14
268 Semiconductor machinery manufactur	0	0	0	0	1.16
278 AC- refrigeration- and forced air heati	0	0	0	0	1.11
301 Scales- balances- and miscellaneous ge	0	80	10	91	1.12
305 Other computer peripheral equipment	0	2	3	5	0.88
306 Telephone apparatus manufacturing	0	0	0	0	0.93
307 Broadcast and wireless communicatio	0	0	0	0	0.93
312 All other electronic component manufa	0	23	14	37	0.84
314 Search- detection- and navigation inst	0	1	1	2	1.13
320 Irradiation apparatus manufacturing	0	0	2	3	1.13
321 Watch- clock- and other measuring and	0	5	21	26	1.13
346 Motor vehicle body manufacturing	0	0	2	2	1.11
350 Motor vehicle parts manufacturing	0	13	14	27	1.15
353 Other aircraft parts and equipment	0	2	1	3	1.14
354 Guided missile and space vehicle manu	0	0	0	0	1.14
362 Wood kitchen cabinet and countertop	0	55	23	78	1.10
364 Nonupholstered wood household furnit	0	1	43	44	1.10
379 Dental laboratories	0	0	9	9	1.13
380 Jewelry and silverware manufacturing	0	4	5	9	1.12
381 Sporting and athletic goods manufactu	0	0	4	4	1.12
383 Office supplies- except paper- manufac	0	2	3	5	1.12
384 Sign manufacturing	0	145	16	161	1.12
390 Wholesale trade	0	2,661	1,300	3,961	1.12
391 Air transportation	0	111	121	232	1.13
392 Rail transportation	0	220	83	303	1.15
394 Truck transportation	0	1,259	537	1,797	1.08
395 Transit and ground passenger transport	0	250	185	435	1.14
396 Pipeline transportation	0	74	34	108	1.16
397 Scenic and sightseeing transportation	0	184	83	268	1.13
398 Postal service	0	570	224	794	1.16
399 Couriers and messengers	0	401	79	480	1.08
400 Warehousing and storage	0	138	28	167	1.05
401 Motor vehicle and parts dealers	0	399	1,743	2,142	1.16
402 Furniture and home furnishings stores	0	59	252	312	1.16
403 Electronics and appliance stores	0	40	108	148	1.16
404 Building material and garden supply st	0	160	713	873	1.16
405 Food and beverage stores	0	258	1,230	1,487	1.16
406 Health and personal care stores	0	117	394	511	1.16
407 Gasoline stations	0	94	464	558	1.16
408 Clothing and clothing accessories store	0	66	338	404	1.16
409 Sporting goods- hobby- book and music	0	30	184	215	1.16
410 General merchandise stores	0	292	1,079	1,371	1.16
411 Miscellaneous store retailers	40,225	153	420	40,798	1.16
412 Nonstore retailers	0	63	312	375	1.16
413 Newspaper publishers	0	1,174	152	1,326	1.15
414 Periodical publishers	0	277	54	331	1.15
415 Book publishers	0	2	9	11	1.15
417 Software publishers	0	2	9	10	0.98
418 Motion picture and video industries	0	641	165	806	1.24
420 Radio and television broadcasting	0	887	121	1,008	1.14
422 Telecommunications	0	1,222	1,045	2,267	1.09
423 Information services	0	57	27	84	1.11
424 Data processing services	0	175	29	204	1.11
425 Nondepository credit intermediation an	0	1,538	462	2,000	1.09
426 Securities- commodity contracts- inves	0	384	595	979	1.17
427 Insurance carriers	0	250	974	1,224	1.18
428 Insurance agencies- brokerages- and re	0	37	142	179	1.11
429 Funds- trusts- and other financial vehic	0	0	43	43	1.09
430 Monetary authorities and depository cr	0	1,153	1,621	2,774	1.11
431 Real estate	0	4,150	1,765	5,915	1.12
432 Automotive equipment rental and leasi	0	175	247	423	1.18

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



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<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	
433 Video tape and disc rental	0	0	8	8	1.11
434 Machinery and equipment rental and le	0	143	44	187	1.11
435 General and consumer goods rental exc	0	81	83	164	1.11
437 Legal services	0	241	363	604	1.16
438 Accounting and bookkeeping services	0	490	140	630	1.17
439 Architectural and engineering services	0	413	108	521	1.12
440 Specialized design services	0	28	10	38	1.11
441 Custom computer programming servic	0	46	11	57	1.11
442 Computer systems design services	0	54	24	78	1.11
443 Other computer related services- includ	0	15	4	19	1.11
444 Management consulting services	0	411	104	515	1.11
445 Environmental and other technical cons	0	122	34	156	1.11
446 Scientific research and development se	0	80	52	132	1.10
447 Advertising and related services	0	140	16	156	1.14
448 Photographic services	0	1	5	7	1.10
449 Veterinary services	0	19	122	141	1.10
450 All other miscellaneous professional an	0	25	5	31	1.10
451 Management of companies and enterpri	0	350	68	418	1.23
452 Office administrative services	0	363	145	509	1.11
453 Facilities support services	0	12	5	17	1.11
454 Employment services	0	514	213	727	1.15
455 Business support services	0	425	183	608	1.11
456 Travel arrangement and reservation ser	0	303	24	327	1.17
457 Investigation and security services	0	142	56	198	1.11
458 Services to buildings and dwellings	0	241	164	405	1.09
459 Other support services	0	384	137	522	1.11
460 Waste management and remediation se	0	386	155	541	1.07
461 Elementary and secondary schools	0	0	70	70	1.13
462 Colleges- universities- and junior colle	0	9	123	132	1.13
463 Other educational services	0	6	203	209	1.13
464 Home health care services	0	0	428	428	1.15
465 Offices of physicians- dentists- and oth	0	0	3,792	3,792	1.21
466 Other ambulatory health care services	0	3	920	923	1.15
467 Hospitals	0	0	3,990	3,990	1.20
468 Nursing and residential care facilities	0	0	831	831	1.10
469 Child day care services	0	0	298	298	1.10
470 Social assistance- except child day care	0	1	755	756	1.28
471 Performing arts companies	0	468	76	544	1.08
472 Spectator sports	0	550	161	711	1.11
473 Independent artists- writers- and perfo	0	211	46	257	1.08
475 Museums- historical sites- zoos- and p	0	0	54	54	1.09
476 Fitness and recreational sports centers	0	91	94	185	1.08
477 Bowling centers	0	0	6	6	1.08
478 Other amusement- gambling- and recrea	0	18	397	415	1.08
479 Hotels and motels- including casino ho	112,630	226	300	113,155	1.16
480 Other accommodations	0	2	38	40	1.10
481 Food services and drinking places	106,480	1,176	3,238	110,894	1.12
482 Car washes	0	9	38	47	1.12
483 Automotive repair and maintenance- e	0	175	1,115	1,290	1.12
484 Electronic equipment repair and maint	0	258	93	350	1.10
485 Commercial machinery repair and mai	0	557	83	640	1.29
486 Household goods repair and maintenanc	0	103	88	190	1.09
487 Personal care services	0	0	157	157	1.11
488 Death care services	0	0	86	86	1.14
489 Drycleaning and laundry services	0	520	160	680	1.15
490 Other personal services	0	43	242	286	1.14
491 Religious organizations	0	0	39	39	1.11
492 Grantmaking and giving and social ad	0	0	137	137	1.11
493 Civic- social- professional and similar	0	63	178	241	1.07
494 Private households	0	0	105	105	1.07
496 Other Federal Government enterprises	0	75	109	185	1.23
497 State and local government passenger t	0	18	14	32	1.20
498 State and local government electric util	0	409	134	543	1.29
499 Other State and local government enter	0	2,582	1,251	3,833	1.16
509 Owner-occupied dwellings	0	0	6,009	6,009	0.91

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Output Impact

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Industry

Direct*

Indirect*

Induced*

Total*

Total

259,335

46,307

49,158

354,800

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Employment Impact

September 13, 200

IMPACT NAME: WAC 2007 Low Revised MULTIPLIER: Type SAM
2006 WAC 1.iap

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<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>
431 Real estate	0.0	0.1	0.0	0.1
472 Spectator sports	0.0	0.0	0.0	0.1
479 Hotels and motels- including casino ho	2.3	0.0	0.0	2.3
481 Food services and drinking places	2.7	0.0	0.1	2.8
	5.7	0.6	0.6	6.9

Note: Employment of less than 0.1 jobs not shown.

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Labor Income Impact

September 13, 20

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<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
2 Grain farming	0	1	0	1	1.06
3 Vegetable and melon farming	0	136	50	186	1.06
4 Tree nut farming	0	0	4	5	1.06
5 Fruit farming	0	1	1	2	1.06
6 Greenhouse and nursery production	0	23	57	80	1.06
8 Cotton farming	0	0	1	1	1.06
10 All other crop farming	0	69	14	84	1.06
11 Cattle ranching and farming	0	29	4	33	1.06
12 Poultry and egg production	0	20	4	24	1.06
13 Animal production- except cattle and p	0	8	2	10	1.06
15 Forest nurseries- forest products- and t	0	0	0	0	1.12
18 Agriculture and forestry support activit	0	69	24	93	1.12
25 Sand- gravel- clay- and refractory min	0	0	0	0	1.12
26 Other nonmetallic mineral mining	0	3	4	8	1.12
30 Power generation and supply	0	573	196	769	1.13
32 Water- sewage and other systems	0	77	47	124	1.20
42 Maintenance and repair of farm and no	0	4	17	21	1.08
43 Maintenance and repair of nonresidenti	0	780	88	868	1.08
45 Other maintenance and repair construc	0	71	31	103	1.08
47 Other animal food manufacturing	0	0	0	0	1.18
48 Flour milling	0	0	0	0	1.20
58 Confectionery manufacturing from pur	0	0	0	0	1.12
59 Nonchocolate confectionery manufactu	0	0	0	0	1.12
61 Fruit and vegetable canning and dryin	0	23	3	26	1.13
64 Cheese manufacturing	0	135	15	150	1.07
68 Meat processed from carcasses	0	196	48	244	1.08
73 Bread and bakery product- except froz	0	40	6	47	1.14
77 Tortilla manufacturing	0	13	5	18	1.14
79 Other snack food manufacturing	0	15	6	20	1.09
83 Spice and extract manufacturing	0	57	17	73	1.09
84 All other food manufacturing	0	8	5	13	1.09
86 Breweries	0	1	0	2	1.10
87 Wineries	0	1	0	1	1.10
94 Narrow fabric mills and schiffli embro	0	0	0	0	1.11
100 Curtain and linen mills	0	0	0	0	1.08
103 Other miscellaneous textile product mil	0	0	0	0	1.08
104 Sheer hosiery mills	0	0	0	0	1.12
107 Cut and sew apparel manufacturing	0	0	40	40	1.10
116 Engineered wood member and truss ma	0	5	1	7	1.10
117 Wood windows and door manufacturin	0	8	2	10	1.11
119 Other millwork- including flooring	0	3	1	3	1.11
123 Miscellaneous wood product manufact	0	1	1	2	1.11
126 Paperboard container manufacturing	0	1	0	2	1.13
136 Manifold business forms printing	0	1	0	2	1.12
139 Commercial printing	0	94	14	108	1.12
143 Asphalt paving mixture and block man	0	3	1	4	1.08
160 Pharmaceutical and medicine manufac	0	0	66	66	1.14
170 Photographic film and chemical manuf	0	4	8	12	1.13
178 Foam product manufacturing	0	212	15	227	1.13
185 Brick and structural clay tile manufact	0	0	0	0	1.12
190 Glass and glass products- except glass	0	6	1	7	1.15
192 Ready-mix concrete manufacturing	0	0	0	0	1.07
194 Concrete pipe manufacturing	0	0	0	0	1.07
195 Other concrete product manufacturing	0	0	0	0	1.07
217 Copper wire- except mechanical- draw	0	0	0	0	1.19
219 Nonferrous metal- except copper and	0	0	0	0	1.19
227 All other forging and stamping	0	2	1	4	1.13
229 Hand and edge tool manufacturing	0	1	1	2	1.16
232 Prefabricated metal buildings and com	0	0	0	0	1.11
233 Fabricated structural metal manufactu	0	0	0	0	1.11
234 Plate work manufacturing	0	0	0	0	1.11
236 Sheet metal work manufacturing	0	0	0	0	1.11
237 Ornamental and architectural metal w	0	0	0	1	1.11
243 Machine shops	0	4	2	6	1.11
245 Metal heat treating	0	0	0	0	1.11
247 Electroplating- anodizing- and colorin	0	0	0	1	1.11
248 Metal valve manufacturing	0	0	0	0	1.13

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Labor Income Impact

September 13, 20

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IMPACT NAME: WAC 2007 Low Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
255 Miscellaneous fabricated metal produc	0	0	0	0	1.13
257 Farm machinery and equipment manuf	0	0	0	1	1.14
259 Construction machinery manufacturin	0	0	0	0	1.14
268 Semiconductor machinery manufactur	0	0	0	0	1.16
278 AC- refrigeration- and forced air heati	0	0	0	0	1.11
301 Scales- balances- and miscellaneous ge	0	14	2	16	1.12
305 Other computer peripheral equipment	0	0	1	1	0.88
306 Telephone apparatus manufacturing	0	0	0	0	0.93
307 Broadcast and wireless communicatio	0	0	0	0	0.93
312 All other electronic component manufa	0	7	4	11	0.84
314 Search- detection- and navigation inst	0	0	0	0	1.13
320 Irradiation apparatus manufacturing	0	0	1	1	1.13
321 Watch- clock- and other measuring and	0	2	7	8	1.13
346 Motor vehicle body manufacturing	0	0	1	1	1.11
350 Motor vehicle parts manufacturing	0	4	4	8	1.15
353 Other aircraft parts and equipment	0	0	0	1	1.14
354 Guided missile and space vehicle manu	0	0	0	0	1.14
362 Wood kitchen cabinet and countertop	0	18	7	25	1.10
364 Nonupholstered wood household furnit	0	1	20	20	1.10
379 Dental laboratories	0	0	5	5	1.13
380 Jewelry and silverware manufacturing	0	1	1	2	1.12
381 Sporting and athletic goods manufactu	0	0	1	1	1.12
383 Office supplies- except paper- manufac	0	1	1	2	1.12
384 Sign manufacturing	0	58	7	65	1.12
390 Wholesale trade	0	1,061	518	1,580	1.12
391 Air transportation	0	22	24	46	1.13
392 Rail transportation	0	80	30	110	1.15
394 Truck transportation	0	465	198	663	1.08
395 Transit and ground passenger transport	0	93	69	162	1.14
396 Pipeline transportation	0	5	2	7	1.16
397 Scenic and sightseeing transportation	0	96	44	140	1.13
398 Postal service	0	474	186	660	1.16
399 Couriers and messengers	0	167	33	200	1.08
400 Warehousing and storage	0	63	13	76	1.05
401 Motor vehicle and parts dealers	0	189	825	1,014	1.16
402 Furniture and home furnishings stores	0	25	107	132	1.16
403 Electronics and appliance stores	0	21	57	78	1.16
404 Building material and garden supply st	0	70	310	380	1.16
405 Food and beverage stores	0	120	572	692	1.16
406 Health and personal care stores	0	53	180	233	1.16
407 Gasoline stations	0	41	201	242	1.16
408 Clothing and clothing accessories store	0	26	134	160	1.16
409 Sporting goods- hobby- book and music	0	15	89	104	1.16
410 General merchandise stores	0	137	506	643	1.16
411 Miscellaneous store retailers	20,540	78	214	20,832	1.16
412 Nonstore retailers	0	21	102	123	1.16
413 Newspaper publishers	0	355	46	401	1.15
414 Periodical publishers	0	55	11	65	1.15
415 Book publishers	0	0	1	1	1.15
417 Software publishers	0	0	2	2	0.98
418 Motion picture and video industries	0	77	20	96	1.24
420 Radio and television broadcasting	0	136	19	155	1.14
422 Telecommunications	0	345	295	640	1.09
423 Information services	0	15	7	21	1.11
424 Data processing services	0	43	7	50	1.11
425 Nondepository credit intermediation an	0	578	174	751	1.09
426 Securities- commodity contracts- inves	0	174	269	443	1.17
427 Insurance carriers	0	62	240	302	1.18
428 Insurance agencies- brokerages- and re	0	17	63	80	1.11
429 Funds- trusts- and other financial vehic	0	0	2	2	1.09
430 Monetary authorities and depository cr	0	285	401	686	1.11
431 Real estate	0	635	270	905	1.12
432 Automotive equipment rental and leasi	0	31	44	75	1.18
433 Video tape and disc rental	0	0	1	1	1.11
434 Machinery and equipment rental and le	0	12	4	16	1.11
435 General and consumer goods rental exc	0	41	41	82	1.11
437 Legal services	0	146	220	366	1.16

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Labor Income Impact

September 13, 20

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IMPACT NAME: WAC 2007 Low Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
438 Accounting and bookkeeping services	0	353	101	454	1.17
439 Architectural and engineering services	0	261	68	329	1.12
440 Specialized design services	0	8	3	11	1.11
441 Custom computer programming serv	0	38	9	47	1.11
442 Computer systems design services	0	34	15	49	1.11
443 Other computer related services- includ	0	9	3	12	1.11
444 Management consulting services	0	239	61	300	1.11
445 Environmental and other technical cons	0	57	16	73	1.11
446 Scientific research and development se	0	67	44	111	1.10
447 Advertising and related services	0	69	8	76	1.14
448 Photographic services	0	0	2	2	1.10
449 Veterinary services	0	7	45	52	1.10
450 All other miscellaneous professional an	0	7	1	8	1.10
451 Management of companies and enterpri	0	159	31	190	1.23
452 Office administrative services	0	105	42	147	1.11
453 Facilities support services	0	4	2	6	1.11
454 Employment services	0	348	144	492	1.15
455 Business support services	0	180	77	257	1.11
456 Travel arrangement and reservation ser	0	66	5	71	1.17
457 Investigation and security services	0	85	34	119	1.11
458 Services to buildings and dwellings	0	112	76	189	1.09
459 Other support services	0	76	27	103	1.11
460 Waste management and remediation se	0	112	45	157	1.07
461 Elementary and secondary schools	0	0	42	42	1.13
462 Colleges- universities- and junior colle	0	4	48	52	1.13
463 Other educational services	0	2	54	56	1.13
464 Home health care services	0	0	238	238	1.15
465 Offices of physicians- dentists- and oth	0	0	2,563	2,563	1.21
466 Other ambulatory health care services	0	1	287	288	1.15
467 Hospitals	0	0	1,733	1,733	1.20
468 Nursing and residential care facilities	0	0	446	446	1.10
469 Child day care services	0	0	99	99	1.10
470 Social assistance- except child day care	0	0	339	339	1.28
471 Performing arts companies	0	243	39	282	1.08
472 Spectator sports	0	296	87	383	1.11
473 Independent artists- writers- and perfo	0	47	10	58	1.08
475 Museums- historical sites- zoos- and p	0	0	60	60	1.09
476 Fitness and recreational sports centers	0	41	42	83	1.08
477 Bowling centers	0	0	1	1	1.08
478 Other amusement- gambling- and recrea	0	5	101	106	1.08
479 Hotels and motels- including casino ho	44,182	89	118	44,388	1.16
480 Other accommodations	0	1	13	14	1.10
481 Food services and drinking places	36,067	398	1,097	37,562	1.12
482 Car washes	0	5	20	25	1.12
483 Automotive repair and maintenance- e	0	76	488	565	1.12
484 Electronic equipment repair and maint	0	115	41	156	1.10
485 Commercial machinery repair and mai	0	164	24	188	1.29
486 Household goods repair and maintenanc	0	20	17	36	1.09
487 Personal care services	0	0	61	61	1.11
488 Death care services	0	0	39	39	1.14
489 Drycleaning and laundry services	0	270	83	354	1.15
490 Other personal services	0	7	39	46	1.14
491 Religious organizations	0	0	31	31	1.11
492 Grantmaking and giving and social ad	0	0	48	48	1.11
493 Civic- social- professional and similar	0	25	72	97	1.07
494 Private households	0	0	105	105	1.07
496 Other Federal Government enterprises	0	18	26	45	1.23
497 State and local government passenger t	0	20	15	35	1.20
498 State and local government electric util	0	31	10	41	1.29
499 Other State and local government enter	0	436	211	648	1.16
Total	100,788	13,846	17,027	131,661	

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Labor Income Impact

September 13, 20

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IMPACT NAME: WAC 2007 Low Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
2 Grain farming	0	1	0	1	1.06
3 Vegetable and melon farming	0	136	50	186	1.06
4 Tree nut farming	0	0	4	5	1.06
5 Fruit farming	0	1	1	2	1.06
6 Greenhouse and nursery production	0	23	57	80	1.06
8 Cotton farming	0	0	1	1	1.06
10 All other crop farming	0	69	14	84	1.06
11 Cattle ranching and farming	0	29	4	33	1.06
12 Poultry and egg production	0	20	4	24	1.06
13 Animal production- except cattle and p	0	8	2	10	1.06
15 Forest nurseries- forest products- and t	0	0	0	0	1.12
18 Agriculture and forestry support activit	0	69	24	93	1.12
25 Sand- gravel- clay- and refractory min	0	0	0	0	1.12
26 Other nonmetallic mineral mining	0	3	4	8	1.12
30 Power generation and supply	0	573	196	769	1.13
32 Water- sewage and other systems	0	77	47	124	1.20
42 Maintenance and repair of farm and no	0	4	17	21	1.08
43 Maintenance and repair of nonresidenti	0	780	88	868	1.08
45 Other maintenance and repair construc	0	71	31	103	1.08
47 Other animal food manufacturing	0	0	0	0	1.18
48 Flour milling	0	0	0	0	1.20
58 Confectionery manufacturing from pur	0	0	0	0	1.12
59 Nonchocolate confectionery manufactu	0	0	0	0	1.12
61 Fruit and vegetable canning and dryin	0	23	3	26	1.13
64 Cheese manufacturing	0	135	15	150	1.07
68 Meat processed from carcasses	0	196	48	244	1.08
73 Bread and bakery product- except froz	0	40	6	47	1.14
77 Tortilla manufacturing	0	13	5	18	1.14
79 Other snack food manufacturing	0	15	6	20	1.09
83 Spice and extract manufacturing	0	57	17	73	1.09
84 All other food manufacturing	0	8	5	13	1.09
86 Breweries	0	1	0	2	1.10
87 Wineries	0	1	0	1	1.10
94 Narrow fabric mills and schiffli embro	0	0	0	0	1.11
100 Curtain and linen mills	0	0	0	0	1.08
103 Other miscellaneous textile product mil	0	0	0	0	1.08
104 Sheer hosiery mills	0	0	0	0	1.12
107 Cut and sew apparel manufacturing	0	0	40	40	1.10
116 Engineered wood member and truss ma	0	5	1	7	1.10
117 Wood windows and door manufacturin	0	8	2	10	1.11
119 Other millwork- including flooring	0	3	1	3	1.11
123 Miscellaneous wood product manufact	0	1	1	2	1.11
126 Paperboard container manufacturing	0	1	0	2	1.13
136 Manifold business forms printing	0	1	0	2	1.12
139 Commercial printing	0	94	14	108	1.12
143 Asphalt paving mixture and block man	0	3	1	4	1.08
160 Pharmaceutical and medicine manufac	0	0	66	66	1.14
170 Photographic film and chemical manuf	0	4	8	12	1.13
178 Foam product manufacturing	0	212	15	227	1.13
185 Brick and structural clay tile manufact	0	0	0	0	1.12
190 Glass and glass products- except glass	0	6	1	7	1.15
192 Ready-mix concrete manufacturing	0	0	0	0	1.07
194 Concrete pipe manufacturing	0	0	0	0	1.07
195 Other concrete product manufacturing	0	0	0	0	1.07
217 Copper wire- except mechanical- draw	0	0	0	0	1.19
219 Nonferrous metal- except copper and	0	0	0	0	1.19
227 All other forging and stamping	0	2	1	4	1.13
229 Hand and edge tool manufacturing	0	1	1	2	1.16
232 Prefabricated metal buildings and com	0	0	0	0	1.11
233 Fabricated structural metal manufactu	0	0	0	0	1.11
234 Plate work manufacturing	0	0	0	0	1.11
236 Sheet metal work manufacturing	0	0	0	0	1.11
237 Ornamental and architectural metal w	0	0	0	1	1.11
243 Machine shops	0	4	2	6	1.11

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Labor Income Impact

September 13, 20

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IMPACT NAME: WAC 2007 Low Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
245 Metal heat treating	0	0	0	0	1.11
247 Electroplating- anodizing- and colorin	0	0	0	1	1.11
248 Metal valve manufacturing	0	0	0	0	1.13
255 Miscellaneous fabricated metal produc	0	0	0	0	1.13
257 Farm machinery and equipment manuf	0	0	0	1	1.14
259 Construction machinery manufacturin	0	0	0	0	1.14
268 Semiconductor machinery manufactur	0	0	0	0	1.16
278 AC- refrigeration- and forced air heati	0	0	0	0	1.11
301 Scales- balances- and miscellaneous ge	0	14	2	16	1.12
305 Other computer peripheral equipment	0	0	1	1	0.88
306 Telephone apparatus manufacturing	0	0	0	0	0.93
307 Broadcast and wireless communicatio	0	0	0	0	0.93
312 All other electronic component manufa	0	7	4	11	0.84
314 Search- detection- and navigation inst	0	0	0	0	1.13
320 Irradiation apparatus manufacturing	0	0	1	1	1.13
321 Watch- clock- and other measuring and	0	2	7	8	1.13
346 Motor vehicle body manufacturing	0	0	1	1	1.11
350 Motor vehicle parts manufacturing	0	4	4	8	1.15
353 Other aircraft parts and equipment	0	0	0	1	1.14
354 Guided missile and space vehicle manu	0	0	0	0	1.14
362 Wood kitchen cabinet and countertop	0	18	7	25	1.10
364 Nonupholstered wood household furnit	0	1	20	20	1.10
379 Dental laboratories	0	0	5	5	1.13
380 Jewelry and silverware manufacturing	0	1	1	2	1.12
381 Sporting and athletic goods manufactu	0	0	1	1	1.12
383 Office supplies- except paper- manufac	0	1	1	2	1.12
384 Sign manufacturing	0	58	7	65	1.12
390 Wholesale trade	0	1,061	518	1,580	1.12
391 Air transportation	0	22	24	46	1.13
392 Rail transportation	0	80	30	110	1.15
394 Truck transportation	0	465	198	663	1.08
395 Transit and ground passenger transport	0	93	69	162	1.14
396 Pipeline transportation	0	5	2	7	1.16
397 Scenic and sightseeing transportation	0	96	44	140	1.13
398 Postal service	0	474	186	660	1.16
399 Couriers and messengers	0	167	33	200	1.08
400 Warehousing and storage	0	63	13	76	1.05
401 Motor vehicle and parts dealers	0	189	825	1,014	1.16
402 Furniture and home furnishings stores	0	25	107	132	1.16
403 Electronics and appliance stores	0	21	57	78	1.16
404 Building material and garden supply st	0	70	310	380	1.16
405 Food and beverage stores	0	120	572	692	1.16
406 Health and personal care stores	0	53	180	233	1.16
407 Gasoline stations	0	41	201	242	1.16
408 Clothing and clothing accessories store	0	26	134	160	1.16
409 Sporting goods- hobby- book and music	0	15	89	104	1.16
410 General merchandise stores	0	137	506	643	1.16
411 Miscellaneous store retailers	20,540	78	214	20,832	1.16
412 Nonstore retailers	0	21	102	123	1.16
413 Newspaper publishers	0	355	46	401	1.15
414 Periodical publishers	0	55	11	65	1.15
415 Book publishers	0	0	1	1	1.15
417 Software publishers	0	0	2	2	0.98
418 Motion picture and video industries	0	77	20	96	1.24
420 Radio and television broadcasting	0	136	19	155	1.14
422 Telecommunications	0	345	295	640	1.09
423 Information services	0	15	7	21	1.11
424 Data processing services	0	43	7	50	1.11
425 Nondepository credit intermediation an	0	578	174	751	1.09
426 Securities- commodity contracts- inves	0	174	269	443	1.17
427 Insurance carriers	0	62	240	302	1.18
428 Insurance agencies- brokerages- and re	0	17	63	80	1.11
429 Funds- trusts- and other financial vehic	0	0	2	2	1.09
430 Monetary authorities and depository cr	0	285	401	686	1.11
431 Real estate	0	635	270	905	1.12
432 Automotive equipment rental and leasi	0	31	44	75	1.18
433 Video tape and disc rental	0	0	1	1	1.11

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Labor Income Impact

September 13, 20

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IMPACT NAME: WAC 2007 Low Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
434 Machinery and equipment rental and le	0	12	4	16	1.11
435 General and consumer goods rental exc	0	41	41	82	1.11
437 Legal services	0	146	220	366	1.16
438 Accounting and bookkeeping services	0	353	101	454	1.17
439 Architectural and engineering services	0	261	68	329	1.12
440 Specialized design services	0	8	3	11	1.11
441 Custom computer programming servic	0	38	9	47	1.11
442 Computer systems design services	0	34	15	49	1.11
443 Other computer related services- includ	0	9	3	12	1.11
444 Management consulting services	0	239	61	300	1.11
445 Environmental and other technical cons	0	57	16	73	1.11
446 Scientific research and development se	0	67	44	111	1.10
447 Advertising and related services	0	69	8	76	1.14
448 Photographic services	0	0	2	2	1.10
449 Veterinary services	0	7	45	52	1.10
450 All other miscellaneous professional an	0	7	1	8	1.10
451 Management of companies and enterpri	0	159	31	190	1.23
452 Office administrative services	0	105	42	147	1.11
453 Facilities support services	0	4	2	6	1.11
454 Employment services	0	348	144	492	1.15
455 Business support services	0	180	77	257	1.11
456 Travel arrangement and reservation ser	0	66	5	71	1.17
457 Investigation and security services	0	85	34	119	1.11
458 Services to buildings and dwellings	0	112	76	189	1.09
459 Other support services	0	76	27	103	1.11
460 Waste management and remediation se	0	112	45	157	1.07
461 Elementary and secondary schools	0	0	42	42	1.13
462 Colleges- universities- and junior colle	0	4	48	52	1.13
463 Other educational services	0	2	54	56	1.13
464 Home health care services	0	0	238	238	1.15
465 Offices of physicians- dentists- and oth	0	0	2,563	2,563	1.21
466 Other ambulatory health care services	0	1	287	288	1.15
467 Hospitals	0	0	1,733	1,733	1.20
468 Nursing and residential care facilities	0	0	446	446	1.10
469 Child day care services	0	0	99	99	1.10
470 Social assistance- except child day care	0	0	339	339	1.28
471 Performing arts companies	0	243	39	282	1.08
472 Spectator sports	0	296	87	383	1.11
473 Independent artists- writers- and perfo	0	47	10	58	1.08
475 Museums- historical sites- zoos- and p	0	0	60	60	1.09
476 Fitness and recreational sports centers	0	41	42	83	1.08
477 Bowling centers	0	0	1	1	1.08
478 Other amusement- gambling- and recrea	0	5	101	106	1.08
479 Hotels and motels- including casino ho	44,182	89	118	44,388	1.16
480 Other accommodations	0	1	13	14	1.10
481 Food services and drinking places	36,067	398	1,097	37,562	1.12
482 Car washes	0	5	20	25	1.12
483 Automotive repair and maintenance- e	0	76	488	565	1.12
484 Electronic equipment repair and maint	0	115	41	156	1.10
485 Commercial machinery repair and mai	0	164	24	188	1.29
486 Household goods repair and maintenanc	0	20	17	36	1.09
487 Personal care services	0	0	61	61	1.11
488 Death care services	0	0	39	39	1.14
489 Drycleaning and laundry services	0	270	83	354	1.15
490 Other personal services	0	7	39	46	1.14
491 Religious organizations	0	0	31	31	1.11
492 Grantmaking and giving and social ad	0	0	48	48	1.11
493 Civic- social- professional and similar	0	25	72	97	1.07
494 Private households	0	0	105	105	1.07
496 Other Federal Government enterprises	0	18	26	45	1.23
497 State and local government passenger t	0	20	15	35	1.20
498 State and local government electric util	0	31	10	41	1.29
499 Other State and local government enter	0	436	211	648	1.16
Total	100,788	13,846	17,027	131,661	

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Tax Impact

September 13, 20

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IMPACT NAME: WAC 2007 Low Revised MULTIPLIER: Type SAM

Industry

Direct*

Indirect*

Induced*

Total*

Deflator

Federal Non Defense	Employee Compensation	Proprietary Income	Household Expenditures	Enterprises (Corporations)	Indirect Business Taxes	Total
Corporate Profits Tax				1,970		1,970
IBT: Customs Duty					267	267
IBT: Excise tax					903	903
IBT: Fed Non-tax					283	283
Estate and Gift						
Personal Income Tax			32,920			32,920
Fines and Fees						
Social Insurance: Employee Contribution	4,902	1,104				6,006
Social Insurance: Employer Contribution	5,027					5,027
SUB-TOTAL	9,928	1,104	32,920		1,452	43,375
STATE and LOCAL						
Corporate Profits Tax			586			586
Dividends			2,080			2,080
Indirect Business Taxes						
Motor Vehicle					199	199
Other					494	494
Property					3,717	3,717
S?L nontax					6,742	6,742
Gross Receipts					12,793	12,793
SeveranceTax					2,035	2,035
Personal						
Estate and Gift						
Income Tax			1,290			1,290
Motor Vehicle			144			144
Fines and Fees			210			210
Fish/hunt			63			63
Property taxes			31			31
Social Ins Employee	159					159
Social Ins Employer	431					431
SUB-TOTAL	590	0	1,738		25,981	30,975
Grand TOTAL	10,518	1,104	34,658		27,433	78,350

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Output Impact

September 13, 20

WAC 1.iap

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IMPACT NAME: Wac High Impact Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
2 Grain farming	0	4	1	5	1.06
3 Vegetable and melon farming	0	467	166	633	1.06
4 Tree nut farming	0	1	17	18	1.06
5 Fruit farming	0	2	3	5	1.06
6 Greenhouse and nursery production	0	48	116	165	1.06
8 Cotton farming	0	0	4	5	1.06
10 All other crop farming	0	316	63	379	1.06
11 Cattle ranching and farming	0	1,286	190	1,476	1.06
12 Poultry and egg production	0	129	26	155	1.06
13 Animal production- except cattle and p	0	80	15	96	1.06
15 Forest nurseries- forest products- and t	0	0	0	1	1.12
18 Agriculture and forestry support activit	0	151	52	203	1.12
25 Sand- gravel- clay- and refractory min	0	0	0	0	1.12
26 Other nonmetallic mineral mining	0	17	20	37	1.12
30 Power generation and supply	0	4,037	1,364	5,401	1.13
32 Water- sewage and other systems	0	256	156	412	1.20
42 Maintenance and repair of farm and no	0	29	117	146	1.08
43 Maintenance and repair of nonresidenti	0	2,769	308	3,077	1.08
45 Other maintenance and repair construc	0	252	109	361	1.08
47 Other animal food manufacturing	0	2	1	3	1.18
48 Flour milling	0	8	3	11	1.20
58 Confectionery manufacturing from pur	0	0	0	0	1.12
59 Nonchocolate confectionery manufactu	0	1	0	1	1.12
61 Fruit and vegetable canning and dryin	0	467	58	525	1.13
64 Cheese manufacturing	0	2,691	295	2,987	1.07
68 Meat processed from carcasses	0	2,426	575	3,001	1.08
73 Bread and bakery product- except froz	0	306	45	351	1.14
77 Tortilla manufacturing	0	80	30	109	1.14
79 Other snack food manufacturing	0	313	114	426	1.09
83 Spice and extract manufacturing	0	591	167	758	1.09
84 All other food manufacturing	0	133	80	213	1.09
86 Breweries	0	24	7	31	1.10
87 Wineries	0	10	1	12	1.10
94 Narrow fabric mills and schiffli embro	0	0	2	2	1.11
100 Curtain and linen mills	0	1	2	2	1.08
103 Other miscellaneous textile product mil	0	1	0	1	1.08
104 Sheer hosiery mills	0	0	1	1	1.12
107 Cut and sew apparel manufacturing	0	3	280	283	1.10
116 Engineered wood member and truss ma	0	43	9	52	1.10
117 Wood windows and door manufacturin	0	72	19	90	1.11
119 Other millwork- including flooring	0	14	4	18	1.11
123 Miscellaneous wood product manufact	0	15	10	25	1.11
126 Paperboard container manufacturing	0	8	2	10	1.13
136 Manifold business forms printing	0	5	2	7	1.12
139 Commercial printing	0	565	84	649	1.12
143 Asphalt paving mixture and block man	0	31	10	40	1.08
160 Pharmaceutical and medicine manufac	0	2	324	326	1.14
170 Photographic film and chemical manuf	0	23	43	66	1.13
178 Foam product manufacturing	0	1,998	141	2,140	1.13
185 Brick and structural clay tile manufact	0	1	0	1	1.12
190 Glass and glass products- except glass	0	35	7	42	1.15
192 Ready-mix concrete manufacturing	0	0	0	1	1.07
194 Concrete pipe manufacturing	0	0	0	0	1.07
195 Other concrete product manufacturing	0	0	0	0	1.07
217 Copper wire- except mechanical- draw	0	1	0	2	1.19
219 Nonferrous metal- except copper and	0	1	0	2	1.19
227 All other forging and stamping	0	14	8	21	1.13
229 Hand and edge tool manufacturing	0	4	6	9	1.16
232 Prefabricated metal buildings and com	0	0	0	0	1.11
233 Fabricated structural metal manufactu	0	2	0	2	1.11
234 Plate work manufacturing	0	0	0	0	1.11
236 Sheet metal work manufacturing	0	0	0	0	1.11
237 Ornamental and architectural metal w	0	3	1	4	1.11
243 Machine shops	0	23	9	32	1.11
245 Metal heat treating	0	2	1	3	1.11
247 Electroplating- anodizing- and colorin	0	1	1	2	1.11
248 Metal valve manufacturing	0	0	0	0	1.13

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Output Impact

September 13, 20

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IMPACT NAME: Wac High Impact Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
255 Miscellaneous fabricated metal produc	0	1	0	2	1.13
257 Farm machinery and equipment manuf	0	5	1	6	1.14
259 Construction machinery manufacturin	0	1	0	1	1.14
268 Semiconductor machinery manufactur	0	0	0	1	1.16
278 AC- refrigeration- and forced air heati	0	0	0	0	1.11
301 Scales- balances- and miscellaneous ge	0	120	15	135	1.12
305 Other computer peripheral equipment	0	3	5	8	0.88
306 Telephone apparatus manufacturing	0	0	0	0	0.93
307 Broadcast and wireless communicatio	0	0	1	1	0.93
312 All other electronic component manufa	0	33	21	54	0.84
314 Search- detection- and navigation inst	0	1	2	3	1.13
320 Irradiation apparatus manufacturing	0	0	4	4	1.13
321 Watch- clock- and other measuring and	0	8	30	38	1.13
346 Motor vehicle body manufacturing	0	0	2	3	1.11
350 Motor vehicle parts manufacturing	0	19	20	39	1.15
353 Other aircraft parts and equipment	0	3	2	5	1.14
354 Guided missile and space vehicle manu	0	0	0	0	1.14
362 Wood kitchen cabinet and countertop	0	81	33	114	1.10
364 Nonupholstered wood household furnit	0	2	63	65	1.10
379 Dental laboratories	0	0	13	13	1.13
380 Jewelry and silverware manufacturing	0	6	7	13	1.12
381 Sporting and athletic goods manufactu	0	0	6	6	1.12
383 Office supplies- except paper- manufac	0	3	4	7	1.12
384 Sign manufacturing	0	214	24	237	1.12
390 Wholesale trade	0	3,993	1,898	5,891	1.12
391 Air transportation	0	165	176	342	1.13
392 Rail transportation	0	329	121	450	1.15
394 Truck transportation	0	1,885	784	2,670	1.08
395 Transit and ground passenger transport	0	361	270	631	1.14
396 Pipeline transportation	0	109	50	159	1.16
397 Scenic and sightseeing transportation	0	275	122	397	1.13
398 Postal service	0	835	327	1,162	1.16
399 Couriers and messengers	0	586	116	702	1.08
400 Warehousing and storage	0	200	42	242	1.05
401 Motor vehicle and parts dealers	0	590	2,545	3,135	1.16
402 Furniture and home furnishings stores	0	88	368	456	1.16
403 Electronics and appliance stores	0	59	158	216	1.16
404 Building material and garden supply st	0	236	1,041	1,277	1.16
405 Food and beverage stores	0	381	1,795	2,177	1.16
406 Health and personal care stores	0	173	576	749	1.16
407 Gasoline stations	0	139	677	817	1.16
408 Clothing and clothing accessories store	0	98	493	591	1.16
409 Sporting goods- hobby- book and music	0	45	269	314	1.16
410 General merchandise stores	0	432	1,575	2,007	1.16
411 Miscellaneous store retailers	57,500	227	613	58,340	1.16
412 Nonstore retailers	0	93	456	549	1.16
413 Newspaper publishers	0	1,731	222	1,953	1.15
414 Periodical publishers	0	408	79	487	1.15
415 Book publishers	0	2	14	16	1.15
417 Software publishers	0	2	13	15	0.98
418 Motion picture and video industries	0	960	240	1,200	1.24
420 Radio and television broadcasting	0	1,309	177	1,486	1.14
422 Telecommunications	0	1,796	1,526	3,322	1.09
423 Information services	0	84	39	123	1.11
424 Data processing services	0	257	42	299	1.11
425 Nondepository credit intermediation an	0	2,282	675	2,957	1.09
426 Securities- commodity contracts- inves	0	566	869	1,435	1.17
427 Insurance carriers	0	370	1,422	1,792	1.18
428 Insurance agencies- brokerages- and re	0	55	207	262	1.11
429 Funds- trusts- and other financial vehic	0	0	62	63	1.09
430 Monetary authorities and depository cr	0	1,700	2,366	4,066	1.11
431 Real estate	0	6,160	2,577	8,738	1.12
432 Automotive equipment rental and leasi	0	258	361	619	1.18
433 Video tape and disc rental	0	0	12	12	1.11
434 Machinery and equipment rental and le	0	210	65	275	1.11
435 General and consumer goods rental exc	0	120	121	240	1.11
437 Legal services	0	354	530	884	1.16

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Output Impact

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IMPACT NAME: Wac High Impact Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
438 Accounting and bookkeeping services	0	723	204	927	1.17
439 Architectural and engineering services	0	607	157	764	1.12
440 Specialized design services	0	42	15	56	1.11
441 Custom computer programming servic	0	68	16	84	1.11
442 Computer systems design services	0	79	35	114	1.11
443 Other computer related services- includ	0	22	6	28	1.11
444 Management consulting services	0	605	152	757	1.11
445 Environmental and other technical cons	0	177	50	227	1.11
446 Scientific research and development se	0	116	76	192	1.10
447 Advertising and related services	0	206	23	229	1.14
448 Photographic services	0	2	8	10	1.10
449 Veterinary services	0	29	178	207	1.10
450 All other miscellaneous professional an	0	37	8	45	1.10
451 Management of companies and enterpri	0	505	99	604	1.23
452 Office administrative services	0	533	212	745	1.11
453 Facilities support services	0	17	7	24	1.11
454 Employment services	0	754	311	1,065	1.15
455 Business support services	0	623	267	890	1.11
456 Travel arrangement and reservation ser	0	434	35	469	1.17
457 Investigation and security services	0	208	82	289	1.11
458 Services to buildings and dwellings	0	354	239	593	1.09
459 Other support services	0	558	200	758	1.11
460 Waste management and remediation se	0	567	227	794	1.07
461 Elementary and secondary schools	0	0	103	103	1.13
462 Colleges- universities- and junior colle	0	14	179	193	1.13
463 Other educational services	0	9	297	305	1.13
464 Home health care services	0	0	625	625	1.15
465 Offices of physicians- dentists- and oth	0	0	5,536	5,536	1.21
466 Other ambulatory health care services	0	5	1,343	1,347	1.15
467 Hospitals	0	0	5,825	5,825	1.20
468 Nursing and residential care facilities	0	0	1,214	1,214	1.10
469 Child day care services	0	0	435	435	1.10
470 Social assistance- except child day care	0	1	1,103	1,104	1.28
471 Performing arts companies	0	705	111	816	1.08
472 Spectator sports	0	815	235	1,050	1.11
473 Independent artists- writers- and perfo	0	312	68	380	1.08
475 Museums- historical sites- zoos- and p	0	0	78	78	1.09
476 Fitness and recreational sports centers	0	135	137	272	1.08
477 Bowling centers	0	0	8	8	1.08
478 Other amusement- gambling- and recrea	0	27	579	606	1.08
479 Hotels and motels- including casino ho	161,000	334	438	161,772	1.16
480 Other accommodations	0	3	55	58	1.10
481 Food services and drinking places	160,378	1,750	4,728	166,856	1.12
482 Car washes	0	14	55	69	1.12
483 Automotive repair and maintenance- e	0	260	1,628	1,888	1.12
484 Electronic equipment repair and maint	0	381	136	517	1.10
485 Commercial machinery repair and mai	0	826	121	948	1.29
486 Household goods repair and maintenanc	0	152	128	280	1.09
487 Personal care services	0	0	229	229	1.11
488 Death care services	0	0	126	126	1.14
489 Drycleaning and laundry services	0	759	234	993	1.15
490 Other personal services	0	63	354	417	1.14
491 Religious organizations	0	0	57	57	1.11
492 Grantmaking and giving and social ad	0	0	200	200	1.11
493 Civic- social- professional and similar	0	93	260	353	1.07
494 Private households	0	0	154	154	1.07
496 Other Federal Government enterprises	0	112	159	271	1.23
497 State and local government passenger t	0	26	20	46	1.20
498 State and local government electric util	0	604	196	800	1.29
499 Other State and local government enter	0	3,802	1,827	5,628	1.16
509 Owner-occupied dwellings	0	0	8,774	8,774	0.91
Total	378,878	68,662	71,773	519,313	

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Employment Impact

September 13, 20

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<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
411 Miscellaneous store retailers	1.1	0.0	0.0	1.1	
431 Real estate	0.0	0.1	0.0	0.1	
454 Employment services	0.0	0.0	0.0	0.1	
465 Offices of physicians- dentists- and oth	0.0	0.0	0.1	0.1	
467 Hospitals	0.0	0.0	0.1	0.1	
472 Spectator sports	0.0	0.1	0.0	0.1	
481 Food services and drinking places	4.0	0.0	0.1	4.2	
TOTALS	8.4	0.8	0.9	10.1	

Note: Employment Impacts less than 0.1 jobs not shown.

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Labor Income Impact

September 13, 20

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IMPACT NAME: Wac High Impact Revised MULTIPLIER: Type SAM

<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
2 Grain farming	0	2	0	2	1.06
3 Vegetable and melon farming	0	205	73	278	1.06
4 Tree nut farming	0	1	7	7	1.06
5 Fruit farming	0	1	1	2	1.06
6 Greenhouse and nursery production	0	34	83	117	1.06
8 Cotton farming	0	0	1	1	1.06
10 All other crop farming	0	105	21	125	1.06
11 Cattle ranching and farming	0	43	6	50	1.06
12 Poultry and egg production	0	30	6	36	1.06
13 Animal production- except cattle and p	0	13	2	15	1.06
15 Forest nurseries- forest products- and t	0	0	0	0	1.12
18 Agriculture and forestry support activit	0	103	36	139	1.12
25 Sand- gravel- clay- and refractory min	0	0	0	0	1.12
26 Other nonmetallic mineral mining	0	5	6	11	1.12
30 Power generation and supply	0	848	286	1,134	1.13
32 Water- sewage and other systems	0	112	69	181	1.20
42 Maintenance and repair of farm and no	0	6	24	30	1.08
43 Maintenance and repair of nonresidenti	0	1,149	128	1,277	1.08
45 Other maintenance and repair construc	0	105	46	151	1.08
47 Other animal food manufacturing	0	0	0	0	1.18
48 Flour milling	0	0	0	1	1.20
58 Confectionery manufacturing from pur	0	0	0	0	1.12
59 Nonchocolate confectionery manufactu	0	0	0	0	1.12
61 Fruit and vegetable canning and dryin	0	34	4	39	1.13
64 Cheese manufacturing	0	203	22	226	1.07
68 Meat processed from carcasses	0	295	70	365	1.08
73 Bread and bakery product- except froz	0	61	9	70	1.14
77 Tortilla manufacturing	0	19	7	26	1.14
79 Other snack food manufacturing	0	22	8	30	1.09
83 Spice and extract manufacturing	0	85	24	109	1.09
84 All other food manufacturing	0	12	7	20	1.09
86 Breweries	0	2	1	2	1.10
87 Wineries	0	1	0	1	1.10
94 Narrow fabric mills and schiffli embro	0	0	0	1	1.11
100 Curtain and linen mills	0	0	0	1	1.08
103 Other miscellaneous textile product mil	0	0	0	0	1.08
104 Sheer hosiery mills	0	0	0	0	1.12
107 Cut and sew apparel manufacturing	0	1	58	59	1.10
116 Engineered wood member and truss ma	0	8	2	10	1.10
117 Wood windows and door manufacturin	0	12	3	15	1.11
119 Other millwork- including flooring	0	4	1	5	1.11
123 Miscellaneous wood product manufact	0	1	1	2	1.11
126 Paperboard container manufacturing	0	2	1	3	1.13
136 Manifold business forms printing	0	2	1	2	1.12
139 Commercial printing	0	139	21	159	1.12
143 Asphalt paving mixture and block man	0	4	1	6	1.08
160 Pharmaceutical and medicine manufac	0	1	96	96	1.14
170 Photographic film and chemical manuf	0	6	11	17	1.13
178 Foam product manufacturing	0	319	23	341	1.13
185 Brick and structural clay tile manufact	0	0	0	0	1.12
190 Glass and glass products- except glass	0	9	2	11	1.15
192 Ready-mix concrete manufacturing	0	0	0	0	1.07
194 Concrete pipe manufacturing	0	0	0	0	1.07
195 Other concrete product manufacturing	0	0	0	0	1.07
217 Copper wire- except mechanical- draw	0	0	0	0	1.19
219 Nonferrous metal- except copper and	0	0	0	0	1.19
227 All other forging and stamping	0	3	2	5	1.13
229 Hand and edge tool manufacturing	0	1	2	3	1.16
232 Prefabricated metal buildings and com	0	0	0	0	1.11
233 Fabricated structural metal manufactu	0	0	0	0	1.11
234 Plate work manufacturing	0	0	0	0	1.11
236 Sheet metal work manufacturing	0	0	0	0	1.11
237 Ornamental and architectural metal w	0	1	0	1	1.11
243 Machine shops	0	6	2	8	1.11
245 Metal heat treating	0	0	0	1	1.11
247 Electroplating- anodizing- and colorin	0	1	0	1	1.11
248 Metal valve manufacturing	0	0	0	0	1.13

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Labor Income Impact

September 13, 20

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<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
255 Miscellaneous fabricated metal produc	0	0	0	0	1.13
257 Farm machinery and equipment manuf	0	1	0	1	1.14
259 Construction machinery manufacturin	0	0	0	0	1.14
268 Semiconductor machinery manufactur	0	0	0	0	1.16
278 AC- refrigeration- and forced air heati	0	0	0	0	1.11
301 Scales- balances- and miscellaneous ge	0	21	3	24	1.12
305 Other computer peripheral equipment	0	1	1	2	0.88
306 Telephone apparatus manufacturing	0	0	0	0	0.93
307 Broadcast and wireless communicatio	0	0	0	0	0.93
312 All other electronic component manufa	0	10	6	16	0.84
314 Search- detection- and navigation inst	0	0	0	1	1.13
320 Irradiation apparatus manufacturing	0	0	1	1	1.13
321 Watch- clock- and other measuring and	0	2	10	12	1.13
346 Motor vehicle body manufacturing	0	0	1	1	1.11
350 Motor vehicle parts manufacturing	0	6	6	11	1.15
353 Other aircraft parts and equipment	0	1	0	1	1.14
354 Guided missile and space vehicle manu	0	0	0	0	1.14
362 Wood kitchen cabinet and countertop	0	26	11	37	1.10
364 Nonupholstered wood household furnit	0	1	29	30	1.10
379 Dental laboratories	0	0	8	8	1.13
380 Jewelry and silverware manufacturing	0	2	2	4	1.12
381 Sporting and athletic goods manufactu	0	0	1	1	1.12
383 Office supplies- except paper- manufac	0	1	2	3	1.12
384 Sign manufacturing	0	86	10	95	1.12
390 Wholesale trade	0	1,592	757	2,349	1.12
391 Air transportation	0	33	35	67	1.13
392 Rail transportation	0	120	44	164	1.15
394 Truck transportation	0	696	290	986	1.08
395 Transit and ground passenger transport	0	134	100	234	1.14
396 Pipeline transportation	0	7	3	10	1.16
397 Scenic and sightseeing transportation	0	144	64	207	1.13
398 Postal service	0	694	272	966	1.16
399 Couriers and messengers	0	244	48	293	1.08
400 Warehousing and storage	0	91	19	110	1.05
401 Motor vehicle and parts dealers	0	279	1,205	1,484	1.16
402 Furniture and home furnishings stores	0	37	156	193	1.16
403 Electronics and appliance stores	0	31	83	114	1.16
404 Building material and garden supply st	0	103	453	556	1.16
405 Food and beverage stores	0	177	835	1,013	1.16
406 Health and personal care stores	0	79	263	342	1.16
407 Gasoline stations	0	60	293	353	1.16
408 Clothing and clothing accessories store	0	39	196	235	1.16
409 Sporting goods- hobby- book and music	0	22	130	152	1.16
410 General merchandise stores	0	203	739	942	1.16
411 Miscellaneous store retailers	29,360	116	313	29,789	1.16
412 Nonstore retailers	0	31	149	180	1.16
413 Newspaper publishers	0	523	67	590	1.15
414 Periodical publishers	0	81	16	96	1.15
415 Book publishers	0	0	1	2	1.15
417 Software publishers	0	1	3	3	0.98
418 Motion picture and video industries	0	115	29	143	1.24
420 Radio and television broadcasting	0	201	27	228	1.14
422 Telecommunications	0	507	431	938	1.09
423 Information services	0	21	10	31	1.11
424 Data processing services	0	63	10	74	1.11
425 Nondepository credit intermediation an	0	857	253	1,110	1.09
426 Securities- commodity contracts- inves	0	256	393	650	1.17
427 Insurance carriers	0	91	351	442	1.18
428 Insurance agencies- brokerages- and re	0	25	92	117	1.11
429 Funds- trusts- and other financial vehic	0	0	3	3	1.09
430 Monetary authorities and depository cr	0	421	585	1,006	1.11
431 Real estate	0	942	394	1,337	1.12
432 Automotive equipment rental and leasi	0	46	65	111	1.18
433 Video tape and disc rental	0	0	2	2	1.11
434 Machinery and equipment rental and le	0	18	5	23	1.11
435 General and consumer goods rental exc	0	60	60	120	1.11
437 Legal services	0	214	321	535	1.16

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Labor Income Impact

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<u>Industry</u>	<u>Direct*</u>	<u>Indirect*</u>	<u>Induced*</u>	<u>Total*</u>	<u>Deflator</u>
438 Accounting and bookkeeping services	0	521	147	669	1.17
439 Architectural and engineering services	0	384	99	483	1.12
440 Specialized design services	0	12	4	16	1.11
441 Custom computer programming servic	0	56	13	70	1.11
442 Computer systems design services	0	49	22	71	1.11
443 Other computer related services- includ	0	14	4	18	1.11
444 Management consulting services	0	352	89	440	1.11
445 Environmental and other technical cons	0	83	23	106	1.11
446 Scientific research and development se	0	98	64	162	1.10
447 Advertising and related services	0	101	11	112	1.14
448 Photographic services	0	1	3	3	1.10
449 Veterinary services	0	11	66	76	1.10
450 All other miscellaneous professional an	0	10	2	12	1.10
451 Management of companies and enterpri	0	229	45	274	1.23
452 Office administrative services	0	154	61	216	1.11
453 Facilities support services	0	6	3	9	1.11
454 Employment services	0	510	210	721	1.15
455 Business support services	0	264	113	377	1.11
456 Travel arrangement and reservation ser	0	94	8	101	1.17
457 Investigation and security services	0	125	49	174	1.11
458 Services to buildings and dwellings	0	165	112	277	1.09
459 Other support services	0	110	39	149	1.11
460 Waste management and remediation se	0	164	66	230	1.07
461 Elementary and secondary schools	0	0	61	61	1.13
462 Colleges- universities- and junior colle	0	5	71	76	1.13
463 Other educational services	0	2	79	81	1.13
464 Home health care services	0	0	347	347	1.15
465 Offices of physicians- dentists- and oth	0	0	3,743	3,743	1.21
466 Other ambulatory health care services	0	1	419	421	1.15
467 Hospitals	0	0	2,530	2,530	1.20
468 Nursing and residential care facilities	0	0	652	652	1.10
469 Child day care services	0	0	145	145	1.10
470 Social assistance- except child day care	0	0	495	495	1.28
471 Performing arts companies	0	365	57	423	1.08
472 Spectator sports	0	439	126	565	1.11
473 Independent artists- writers- and perfo	0	70	15	85	1.08
475 Museums- historical sites- zoos- and p	0	0	88	88	1.09
476 Fitness and recreational sports centers	0	61	61	122	1.08
477 Bowling centers	0	0	2	2	1.08
478 Other amusement- gambling- and recrea	0	7	148	155	1.08
479 Hotels and motels- including casino ho	63,156	131	172	63,459	1.16
480 Other accommodations	0	1	19	20	1.10
481 Food services and drinking places	54,323	593	1,601	56,517	1.12
482 Car washes	0	7	29	36	1.12
483 Automotive repair and maintenance- e	0	114	713	827	1.12
484 Electronic equipment repair and maint	0	170	60	230	1.10
485 Commercial machinery repair and mai	0	243	36	278	1.29
486 Household goods repair and maintenanc	0	29	24	54	1.09
487 Personal care services	0	0	89	89	1.11
488 Death care services	0	0	57	57	1.14
489 Drycleaning and laundry services	0	395	122	517	1.15
490 Other personal services	0	10	57	67	1.14
491 Religious organizations	0	0	45	45	1.11
492 Grantmaking and giving and social ad	0	0	70	70	1.11
493 Civic- social- professional and similar	0	37	104	142	1.07
494 Private households	0	0	154	154	1.07
496 Other Federal Government enterprises	0	27	39	66	1.23
497 State and local government passenger t	0	29	22	50	1.20
498 State and local government electric util	0	45	15	60	1.29
499 Other State and local government enter	0	642	309	951	1.16
Total	146,840	20,487	24,860	192,187	

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)



Tax Impact

September 13, 20

WAC 1.iap

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IMPACT NAME: Wac High Impact Revised MULTIPLIER: Type SAM

Industry

Direct*

Indirect*

Induced*

Total*

Deflator

Federal Non Defense	Employee Compensation	Proprietary Income	Household Expenditures	Enterprises (Corporations)	Indirect Business Taxes	Total
Corporate Profits Tax				2,848		
IBT: Customs Duty					385	
IBT: Excise tax					1,303	
IBT: Fed Non-tax					408	
Estate and Gift						
Personal Income Tax			48,064			
Fines and Fees						
Social Insurance: Employee Contribution	7,173	1,599				
Social Insurance: Employer Contribution	7,356					
SUB-TOTAL	14,529	1,599	48,064	2,848	2,096	
STATE and LOCAL						
Corporate Profits Tax				848		
Dividends				3,008		
Indirect Business Taxes						
Motor Vehicle					288	288
Other					713	713
Property					5,365	5,365
S?L nontax					9,731	9,731
Gross Receipts					18,464	18,464
SeveranceTax					2,937	2,937
Personal						
Estate and Gift						
Income Tax			1,884			1,884
Motor Vehicle			210			210
Fines and Fees			307			307
Fish/hunt			91			91
Property taxes			45			45
Social Ins Employee	232					232
Social Ins Employer	631					631
SUB-TOTAL	863	0	2,538	3,856		44,753
Grand TOTAL	15,392	1,599	50,601	6,704		113,889

*2007 Dollars - if results are deflated and aggregated, then deflators displayed are set to 1.0 (results have been deflated)