

**MOORHEAD FIRE
DIVISIONS
2000
ANNUAL REPORT**

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CITY OF
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 FIRE AND RESCUE

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**2000 MOORHEAD FIRE & RESCUE DEPARTMENT
 ANNUAL FIRE CHIEF REPORT
 Marty Soeth, Fire Chief**

There were 1,917 emergency run responses in 2000, as compared to 2,066 in 1999, which is a decrease of approximately 7 percent. This is the first decrease since 1991. The response numbers over the last five years are as follows:

<u>Year</u>	<u>Number of Emergency Runs</u>	<u>Increase</u>	<u>Decrease</u>
2000	1,917		7%
1999	2,066	4%	
1998	1,978	1.5%	
1997	1,949	3%	
1996	1,893	5.9%	
1995	1,786		

Listed below are the estimated total fire losses for the last five years. As in 1999, we included the total values and total saved, as these are important numbers as well. When structure fires were involved, the value was obtained from the City Assessor's estimated market values. A further breakdown of all responses is found in the Fire Suppression Report on page 10.

<u>Year</u>	<u>Total Loss</u>	<u>Total Values</u>	<u>Total Saved</u>
2000	\$255,310.00	\$2,140,660.00	\$1,885,350.00
1999	\$1,470,095.00	\$10,155,595.00	\$8,685,500.00
1998	\$540,588.00		
1997	\$183,430.00		
1996	\$262,765.00		
1995	\$581,856.00		



Many changes took place within our department this year. Firefighter Jen Willis left for employment elsewhere. Mike Strom and Ross Baker were new Firefighters hired in August. Retired Firefighters Gary Haaland and Jerry Shawstad were hired on a part time basis to assist with building and mechanical maintenance at the Fire Department.

Don Lawrence, Environmental Health Director, retired after working many years for the City of Moorhead. With Don planning to retire, Len Dusek, Rental Housing Inspector, began working part time in the Environmental Health Division. We were fortunate to have Len in our department, as he had background and education in Environmental Health.

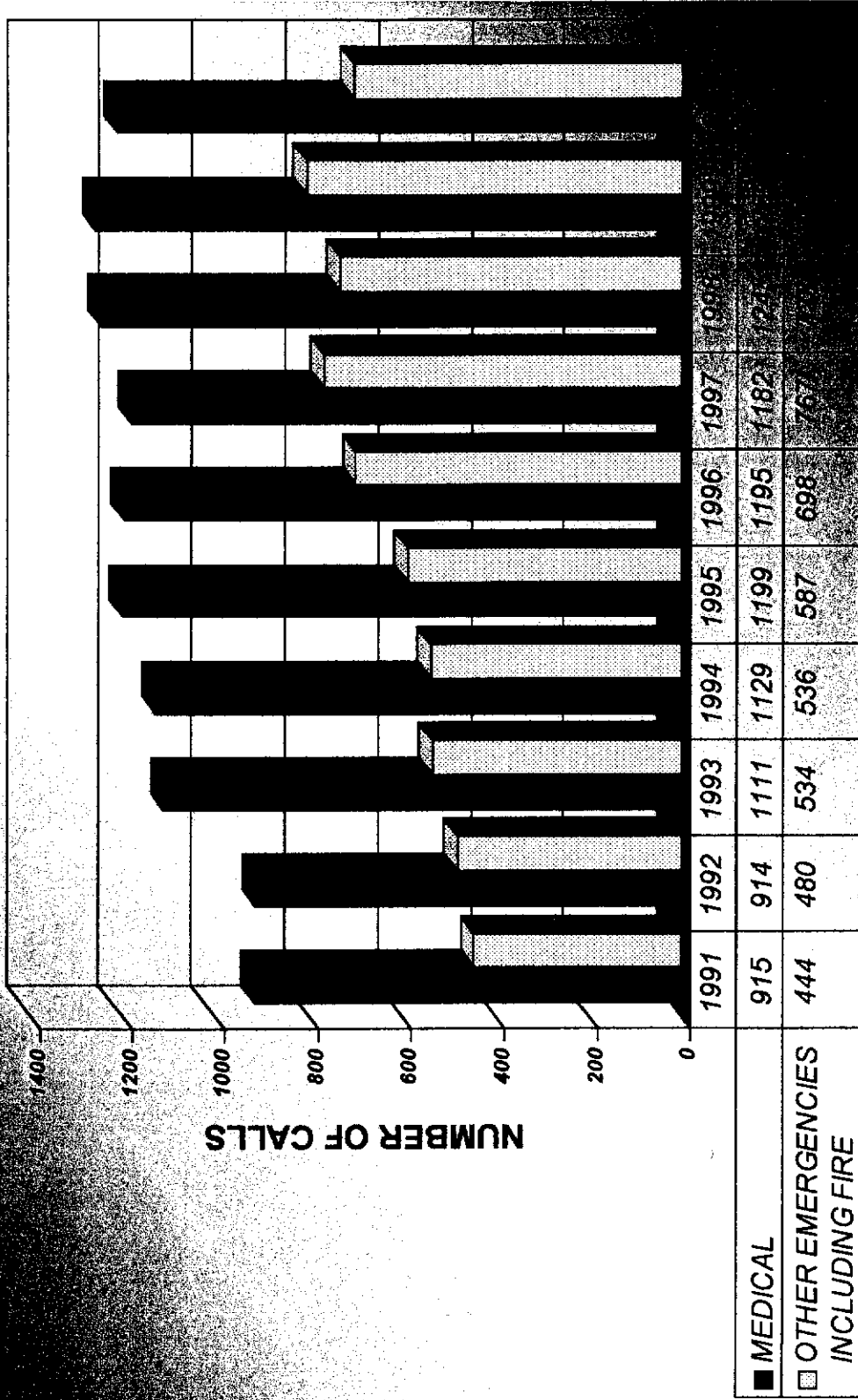
Building Official, Rick Davidson, resigned from the Building Codes Department for employment elsewhere. Rick worked for the City of Moorhead for approximately 13 years. Don Sakry, Building/Plumbing/Heating Inspector, resigned from the Building Codes Department after working for the City for approximately 14 years. In December, the City of Moorhead contracted with Dick Duffney as a fill in Building Official for the City, and Jack Nyberg was hired in October as the new Building/Plumbing/Heating Inspector.

Don Lawrence, Rick Davidson and Don Sakry possessed a wealth of knowledge. Their years of dedicated service were much appreciated, and their professionalism and expertise will be missed.

A very special thanks must go to the Firefighters and Officers of the Moorhead Fire & Rescue, as well as to all the employees of the Fire Administration Office. The Moorhead Fire & Rescue Department and Codes Office could not operate as efficiently and effectively as it does without their dedication, experience and support.

I also thank Mayor Lanning, members of the Moorhead City Council, and the City Manager for the assistance and guidance given to our department.

ALARM CALLS 1991 - 2000





FIRE PREVENTION

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**2000 MOORHEAD FIRE & RESCUE DEPARTMENT
ANNUAL REPORT
FIRE PREVENTION DIVISION
Todd Erickson, Fire Marshal**

Enclosed is the 2000 annual report for the Fire Prevention Division. This report includes activities from the Fire Marshal, Housing Inspectors and Fire Suppression Shift Inspectors.

Because of the inspections and corrected violations, the property in Moorhead becomes safer for residents, the property values increase for the owners, and the neighborhoods maintain their individuality and neighborhood pride.

In 2000, there were two deaths in Moorhead due to fire, demonstrating the importance of fire prevention.

Public fire education classes were an important part of the 2000 Fire Prevention Program. The classes given included: CPR/First Aid, Fire Extinguisher, Fire Extinguisher/Fire Safety, Fire Safety, Fire Safety for the Elderly, Fire Safety/Safe Babysitting and Friendly Monster. The Moorhead Fire Prevention Division gave approximately 34 classes in 2000, with a total of 1,572 people in attendance.

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FIRE ADMINISTRATION ▲ BUILDING CODES
HOUSING INSPECTIONS ▲ ENVIRONMENTAL HEALTH



FIRE PREVENTION QUARTERLY FIRE PREVENTION REPORT

JANUARY 1, 2000 THROUGH DECEMBER 31, 2000:

	1ST QTR.	2ND QTR.	3RD QTR.	4TH QTR.	TOTAL
Fire Prevention Man Hours on Field Inspections	129.00	124.00	104.00	92.00	449.00
Fire Prevention Bureau Inspections	181.00	141.00	145.00	122.00	589.00
Written Violations	60.00	64.00	8.00	36.00	168.00
Verbal Violations	24.00	34.00	3.00	10.00	71.00
Corrections	59.00	28.00	67.00	28.00	182.00
Housing Inspections	3.00	5.00	109.00	1.00	118.00
Units Inspected	3.00	2.00	37.00	1.00	43.00
Commercial Inspections	174.00	123.00	34.00	112.00	443.00
Building Code Inspections	0.00	0.00	0.00	0.00	0.00
New Inspections	130.00	116.00	112.00	93.00	451.00
Reinspections	51.00	24.00	33.00	29.00	137.00
Complaint Inspections	1.00	6.00	0.00	0.00	7.00

TIME SPENT IN THE FOLLOWING AREAS (HOURS):

	1ST QTR.	2ND QTR.	3RD QTR.	4TH QTR.	TOTAL
Meetings and Conferences	25.00	17.00	15.00	3.00	60.00
Schools Attended	40.00	9.00	37.00	26.00	112.00
Fire Investigations	33.00	3.00	7.00	46.00	89.00
Fire Safety Classes Given	5.00	12.00	14.00	27.00	58.00
Fire Department Duties	197.00	280.00	264.00	237.00	978.00
Court Related Appearances	13.00	0.00	3.00	0.00	16.00
Plan Checks	0.00	0.00	0.00	0.00	0.00
TOTAL HOURS	313.00	321.00	340.00	339.00	1313.00

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**2000 MOORHEAD FIRE & RESCUE DEPARTMENT
ANNUAL REPORT
FIRE SUPPRESSION DIVISION
Marty Soeth, Fire Chief**

The following report reflects the duties performed by the Suppression Division. In addition to responding to alarms, suppression includes training, public education, all types of emergency responses and other services performed by Fire & Rescue personnel.

The fire service is an ever-changing profession and training is essential for our Officers and Firefighters to maintain and expand their skills. The department's below grade rescue team is actively training and operational. Hazardous Material training for the Regional Hazmat Team is ongoing along with inspections, suppression, confined space, drivers training, water rescue, high level rescue and preplanning activities. Besides the training aspect, much of Suppression's time is spent on facility and equipment maintenance as is reflected in the following report.

In 2000, there was a total of 1,917 emergency calls; of this number, 1,212 were emergency medical responses. I have attached a Breakdown of Responses for 2000 which also includes an estimated dollar loss, total values and total saved.

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FIRE ADMINISTRATION ▲ BUILDING CODES
HOUSING INSPECTIONS ▲ ENVIRONMENTAL HEALTH



**MOORHEAD FIRE & RESCUE SUPPRESSION DIVISION
ACTIVITY HOURS FOR 2000**

ACTIVITY	HOURS
Training	4,094.50
Facility Maintenance	3,051.00
Equipment Maintenance	3,678.00
Inspections	587.50
Public Education	408.00
Administration	2,452.50
Physical Training	2,802.00
Fire Runs	1,798.00
Medical Runs	1,126.75

**MOORHEAD FIRE & RESCUE DEPARTMENT
2000 BREAKDOWN OF RESPONSES**

FIRE	TYPE OF SITUATION	TOTAL NUMBER	TOTAL VALUES	TOTAL LOSSES	TOTAL SAVED
Fire/Explosion		3	\$ 183,000.00	\$ 9,500.00	\$ 173,500.00
Structure Fire		24	\$ 1,892,000.00	\$ 229,800.00	\$ 1,662,200.00
Outside of Structure Fire		5	\$ 785.00	\$ 785.00	\$ -
Vehicle Fire		7	\$ 43,600.00	\$ 14,200.00	\$ 29,400.00
Trees, Brush, Grass Fire		7	\$ 10.00	\$ 10.00	\$ -
Refuse Fire		9	\$ 1,215.00	\$ 500.00	\$ 715.00
Explosion, No After Fire		1	\$ 20,000.00	\$ 500.00	\$ 19,500.00
Outside Spill-leak With Fire		1	\$ 50.00	\$ 15.00	\$ 35.00
TOTAL FIRES:		57	\$ 2,140,660.00	\$ 255,310.00	\$ 1,885,350.00
Overpressure Ruptures (air and gas ruptures)		1			
Rescue Calls (emergency medical, lock in, search, extrication and ambulance assist)		1212			
Hazardous Condition (spill/leaks, power line down, arcing/shorting electrical equipment, chemical emergency and hazardous conditions standby)		95			
Service Calls (lock-out, water evacuation, smoke/odor removal, assist Police and other service calls)		113			
Good Intent Calls (smoke scares, controlled burning, vicinity alarm, steam or other gas thought as smoke)		214			
False Calls (malicious/mischievous false calls, system malfunction and unintentional false calls)		225			
TOTAL FOR ALL INCIDENTS:		1917	\$ 2,140,660.00	\$ 255,310.00	\$ 1,885,350.00

RENTAL REGISTRATION

INSPECTION PROGRAM

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**2000 MOORHEAD FIRE & RESCUE DEPARTMENT
ANNUAL REPORT
RENTAL REGISTRATION/INSPECTION PROGRAM
Todd Erickson, Fire Marshal**

Since its inception in 1986, the Rental Registration/Inspection Program continues to move forward to address the issues of parking, deterioration of housing, absentee landlords and overcrowding of rental property.

There are currently 872 properties registered as rental with a total of 4,220 individual units. In 2000, there were 492 housing inspections made. There were 1,632 written housing violations with 1,436 of these violations being fully corrected.

I believe the statistics reveal the effectiveness of the Rental Registration/Inspection Program. This program is doing the job it was designed for - systematic inspection of rental property, addressing life safety and other housing violations, and obtaining corrections of the noted violations.

A total of \$4,190.00 in fees was collected for reinspections and late registrations. The following enclosure is a quarterly breakdown of rental housing inspections.

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FIRE ADMINISTRATION ▲ BUILDING CODES
HOUSING INSPECTIONS ▲ ENVIRONMENTAL HEALTH



**RENTAL HOUSING
QUARTERLY FIRE PREVENTION REPORT FOR
RENTAL INSPECTORS AND SHIFT INSPECTIONS**

JANUARY 1, 2000 THROUGH DECEMBER 31, 2000:

	1ST QTR.	2ND QTR.	3RD QTR.	4TH QTR.	TOTAL
Fire Prevention Man Hours on Field Inspections	73.50	93.50	94.50	52.00	313.50
Fire Prevention Bureau Inspections	94.00	107.00	120.00	53.00	374.00
Written Violations	277.00	458.00	590.00	139.00	1464.00
Verbal Violations	0.00	0.00	0.00	0.00	0.00
Corrections	300.00	212.00	304.00	438.00	1254.00
Housing Inspections	94.00	107.00	120.00	53.00	374.00
Units Inspected	168.00	187.00	223.00	144.00	722.00
Commercial Inspections	0.00	0.00	0.00	0.00	0.00
Building Code Inspections	0.00	0.00	0.00	0.00	0.00
New Inspections	43.00	36.00	53.00	18.00	150.00
Reinspections	49.00	71.00	67.00	27.00	214.00
Complaint Inspections	0.00	0.00	0.00	0.00	0.00

TIME SPENT IN THE FOLLOWING AREAS (HOURS):

	1ST QTR.	2ND QTR.	3RD QTR.	4TH QTR.	TOTAL
Meetings and Conferences	0.00	0.00	0.00	0.00	0.00
Schools Attended	0.00	0.00	0.00	0.00	0.00
Fire Investigations	0.00	0.00	0.00	0.00	0.00
Fire Safety Classes Given	0.00	0.00	0.00	0.00	0.00
Fire Department Duties	0.00	0.00	0.00	0.00	0.00
Court Related Appearances	0.00	0.00	0.00	0.00	0.00
Plan Checks	0.00	0.00	0.00	0.00	0.00
TOTAL HOURS	0.00	0.00	0.00	0.00	0.00

ENVIRONMENTAL HEALTH

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**2000 MOORHEAD FIRE & RESCUE DEPARTMENT
ANNUAL REPORT
ENVIRONMENTAL HEALTH DIVISION
Len Dusek, Environmental Health Director**

The Environmental Health Division inspected 137 food/beverage/lodging establishments, 5 special event stands, 5 mobile home parks, 17 swimming pools and 128 vending machines last year. This division conducted 318 full inspections, 10 follow-up inspection and 1 construction inspection. As of July, 2001, our division will be adding approximately 41 Retail Food Handlers to the list.

Another aspect to the Health Inspector's job is acting on nuisance complaints. In the past year, this office received 112 complaints. The inspector conducted 209 full inspections, 53 follow-up inspections and 15 enforcement actions. These nuisance complaints are received from the public and range from junk/debris/garbage in yards, junk vehicles, food service problems, pools and maintenance problems in mobile home parks.

Periodically this office receives requests for information concerning indoor air problems such as mold and radon. Currently there are two consulting firms that deal specifically with these problems. Our office will provide the caller with what limited information we have and then they are referred to these firms for more extensive information. Any outdoor air problems, such as oil spills, are referred to the Minnesota Pollution Control Agency.

I would like to add that I felt fortunate to work with Don Lawrence, who retired as the Director of Environmental Health this year. I learned very much from Don and was grateful for the time we worked together.

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FIRE ADMINISTRATION ▲ BUILDING CODES
HOUSING INSPECTIONS ▲ ENVIRONMENTAL HEALTH

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BUILDING CODES

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**2000 ANNUAL REPORT
BUILDING CODES DIVISION**

The Moorhead Building Codes Department is located in the Main Fire Station Annex. It is staffed by a Building Official, a Plumbing/Heating/Building Inspector, a half-time Building Inspector, a part-time Building Inspector and an Office Specialist.

The principal responsibility of the Building Codes Department is the enforcement of the various laws and ordinances enacted by the City and State regulating building construction.

Enforcement of these codes generally consists of review of proposed work to establish compliance with laws and ordinances, issuance of permits and inspection of the work to insure compliance.

Staff members issue more than one thousand permits each year as well as direct thousands of inspection requests. Staff members are also involved in a wide variety of other projects that include the preparation of numerous reports, public education, handling of complaints and inquiries, attending various meetings, reviewing and recommending changes in city ordinances, staff education, and providing information for other city departments and the public.

The following table shows the 10-year comparison of permit numbers, valuation and revenue and also a 10-year comparison of building activity by category.

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FIRE ADMINISTRATION ▲ BUILDING CODES
HOUSING INSPECTIONS ▲ ENVIRONMENTAL HEALTH



10 YEAR COMPARISON OF PERMIT NUMBERS, VALUATION AND REVENUE

YEAR	NUMBER OF BLDG PERMITS	BUILDING PERMIT VALUATION	BUILDING PERMIT REVENUES	NUMBER OF MECH PERMITS	MECH PERMIT REVENUES	NUMBER OF PLUMB PERMITS	PLUMBING PERMIT REVENUES	PLUMBING LICENSE FEES	OTHER FEES	TOTAL AN SUR. CHARGE	NUMBER OF TOTAL PERMITS	TOTAL
1991	513	23,085,259.00	74,398.50	387	12,022.00	426	21,132.00	4,540.00	2,525.00	11,279.00	1326	\$125,896.50
1992	615	19,970,216.00	79,644.50	390	12,722.00	324	21,363.50	2,810.00	6,860.00	11,056.50	1329	\$134,456.50
1993	729	43,554,522.00	148,686.50	512	17,731.00	288	23,330.00	4,830.00	3,540.00	21,283.52	1529	\$219,401.02
1994	686	26,651,516.00	101,530.00	468	15,558.00	971	30,150.00	3,790.00	1,590.00	14,515.20	2125	\$167,133.20
1995	649	23,831,684.00	93,139.50	591	18,064.00	776	28,374.00	2,190.00	1,640.00	13,518.00	2016	\$156,925.50
1996	554	25,069,947.00	93,735.75	565	19,033.00	650	22,585.00	3,420.00	1,785.00	13,464.00	1769	\$154,022.75
1997	620	20,702,468.00	75,175.00	647	19,407.00	381	14,396.50	3,495.00	1,905.00	11,675.50	1648	\$126,054.00
1998	621	28,077,235.00	103,510.00	513	17,524.00	303	17,447.00	3,455.00	4,567.00	15,698.00	1437	\$162,201.00
1999	599	35,953,896.00	121,078.00	654	23,508.00	263	17,203.00	615.00	375.00	18,559.50	1516	\$181,338.50
2000	708	27,699,288.00	116,468.50	685	26,810.00	303	17,552.00	0.00	200.00	15,540.80	1696	\$176,571.30

10 YEAR COMPARISON OF BUILDING ACTIVITY BY CATEGORY

YEAR	NEW SINGLE FAMILY DWELLING		NEW MULTIPLE DWELLING		COMMERCIAL (NEW & REMODEL)		GARAGE PERMITS & RESIDENTIAL REMODEL		MISC BLDG PERMITS		TOTALS	
	# OF PERMITS	VALUATION	# OF PERMITS	VALUATION	# OF PERMITS	VALUATION	# OF PERMITS	VALUATION	# OF PERMITS	VALUATION	# OF PERMITS	VALUATION
1991	56	4,804,900.00	11	128	3,414,000.00	134	13,442,021.00	256	1,424,338.00	56	513	\$23,085,259.00
1992	135	11,731,334.00	5	76	2,680,000.00	110	3,722,820.00	318	1,836,062.00	47	615	\$19,970,216.00
1993	141	13,660,500.00	17	155	3,623,000.00	109	24,248,351.00	332	2,022,671.00	130	729	\$43,554,522.00
1994	72	7,678,000.00	13	51	2,104,500.00	113	13,959,123.00	376	2,909,893.00	112	686	\$26,651,516.00
1995	128	12,092,300.00	3	6	390,000.00	121	8,131,729.00	319	3,217,655.00	78	649	\$23,831,684.00
1996	77	7,956,300.00	2	4	240,000.00	111	14,541,159.00	312	2,332,488.00	52	554	\$25,069,947.00
1997	52	5,904,000.00	5	20	1,204,000.00	101	9,460,260.00	371	4,134,208.00	91	620	\$20,702,468.00
1998	101	9,989,147.00	4	9	1,320,000.00	106	14,401,050.00	337	2,367,038.00	73	621	\$28,077,235.00
1999	97	11,777,000.00	4	79	4,973,000.00	93	16,365,942.00	347	2,825,054.00	56	597	\$35,940,996.00
2000	100	10,709,100.00	15	44	3,269,997.00	97	9,521,563.00	428	4,198,628.00	68	708	\$27,699,288.00