

CITY OF BEAVERTON

BUDGET TREND ANALYSIS - FY 2017-18 TO FY 2020-21

With Explanations on Significant Changes between Budgeted 2019-20 and Recommended 2020-21

Fund:	Capital Projects					% Change
CLASS	Actual FY 2017-18	Actual FY 2018-19	Budget FY 2019-20	Estimated FY 2019-20	Recommended FY 2020-21	Budgeted Vs. Recommended
Capital Outlay	\$2,721,243	\$2,372,183	\$5,463,077	\$3,003,928	\$5,442,000	-0.39%
SUB-TOTAL	\$2,721,243	\$2,444,818	\$5,463,077	\$3,003,928	\$5,507,906	
Contingency			25,906		885,000	
Reserves			508,932		517,232	
TOTAL	\$2,721,243	\$2,444,818	\$5,997,915	\$3,003,928	\$6,910,138	
FTE's	-	-	-	-	-	

Explanation of item(s) that are significant (10% and greater than \$10,000):

Capital outlay:

No significant changes

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2020-21 BUDGET

FUND: 310 CAPITAL PROJECTS	DEPARTMENT: PUBLIC WORKS - ENGINEERING
PROGRAM: TRANSPORTATION & CIVIC PROJECTS	DEPARTMENT HEAD: CHAD LYNN

MISSION STATEMENT:

The Capital Projects Fund manages the expenditures for improvements to the city's street infrastructure system in support of traffic and congestion management. The City's Capital Improvement Program (CIP) includes projects for a five-year period but forecasts two years of funding for projects. Most projects require multiple years to complete and typically involve design, permitting, right of way acquisition, and construction. The major sources of revenue are transfers from other funds, grants, and intergovernmental payments/reimbursements.

REQUIREMENTS	FY 2017-18 ACTUAL	FY 2018-19 ACTUAL	FY 2019-20 BUDGETED	FY 2020-21 PROPOSED	FY 2020-21 ADOPTED
CAPITAL OUTLAY	\$2,721,243	\$2,372,183	\$5,463,077	\$5,442,000	\$0
TRANSFERS	0	72,635	0	65,906	0
CONTINGENCY	0	0	534,838	1,402,232	0
TOTAL	\$2,721,243	\$2,444,818	\$5,997,915	\$6,910,138	\$0

Funding Sources:	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2020-21
Beginning Working Capital	\$1,208,233	\$1,339,115	\$622,338	\$1,501,038	\$0
Transfers from:					
General Fund	395,366	312,628	888,066	708,500	0
Street Fund	111,183	1,064,475	1,058,464	717,594	0
Transportation Dev. Tax / TIF Fund	1,821,663	162,112	3,186,547	2,360,906	0
Other Intergovernmental Revenue	514,255	175,000	230,000	1,615,000	0
Miscellaneous Revenue	9,660	13,825	12,500	7,100	0

For a complete narrative of the budget process and major transportation issues, refer to [pages 67 – 70](#).

Progress on the FY 2019-20 Action Plan

- Construction of the Menlo Dr. (Allen Blvd to Fairmount Dr.) sidewalk project (CIP 3106A) was completed.
- Design is underway for the Allen Blvd/92nd Ave Shared Use Path (CIP 3112).
- A consultant was selected for the Laurelwood Ave Sidewalk Project (CIP 3113) and design began in March 2020.
- An Intergovernmental agreement was signed for the Washington Square Adaptive Signal System project (CIP 3201), and design will begin in FY 20-21.
- The redesign of the Westgate Dr./Cedar Hills Blvd/Dawson Way Intersection Realignment project (CIP 3321) was completed in Oct 2018 and the acquisition of right of way is underway.
- The design of the Library Fountain Improvements (CIP 3522) is substantially complete and the project has Land Use approval.
- The design of the Canyon Rd (Hocken Ave - Short St) Improvements (CIP 3519A) is 90% complete and the driveway impact process is nearing completion. The design of the Hocken Ave roadway improvements through the railroad crossing (CIP 3408) is coordinated with the design of CIP 3519A.
- Construction of the Denney Rd Shared Use Path (CIP 3410) was completed.
- Construction of the ADA Ramp Replacement Phase 4 (CIP5106D) was completed.
- Design for the Western Ave (5th Street – Allen Blvd) Improvement (CIP 3328) is 90% complete.
- The design of the Hall Blvd (Ridgecrest to Highway 217) Overlay is underway.
- A traffic calming project on Sexton Mountain Dr (CIP 5112) was completed.
- Five active transportation projects (CIPs 5113, 5114, 5115, 5116, and 5117) were designed and were constructed.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2020-21 BUDGET

FUND: 310 CAPITAL PROJECTS	DEPARTMENT: PUBLIC WORKS - ENGINEERING
PROGRAM: TRANSPORTATION & CIVIC PROJECTS	DEPARTMENT HEAD: CHAD LYNN

FY 2020-21 Action Plan:

CIP #	PROJECT NAME	Council Priority
3112	Allen Blvd/92nd Ave Shared Use Path – Complete design and ROW acquisition	X
3113	Laurelwood Ave (Scholls Ferry Rd – Apple Way) Sidewalks – Complete design and begin ROW.	X
3201	Washington Square Adaptive Signal System – Begin design	
3321	Westgate Dr. / Cedar Hills Blvd / Dawson Way Intersection Realignment - Complete construction	
3328	Western Ave (5 th St-Allen Blvd) Improvement – Complete design and ROW, and start construction	X
3408	Hocken Ave (RR-TV Hwy) Widening – Complete design in coordination with CIP 3519A	
3519A	Canyon Rd (Hocken Ave – Short St) Improvements (MTIP) – Complete 90% plans and complete ROW acquisition	
5106E	ADA Ramp Replacement, Phase 5 – Complete construction	X
3327	Millikan Way Extension (Watson Ave to Lombard Ave) MSTIP3E – Begin Design	
5205	Fiber on 125 th Ave (Longhorn Ln to Scholls Ferry Rd) – Complete design and construction	
5206	Hall and Sabin Crossing Improvement – Complete design and construction	X
5207	Beard Rd and 151 st Crossing Improvement – Complete design and construction	X
5208	Bonne Brae (Murray Blvd to Wilson Ave) Traffic Calming – Complete design and construction	
5209	Barlow Rd (Murray Blvd to Menlo Dr) Traffic Calming – Complete design and construction	

**City of Beaverton
CIP Financial Plan - Civic & Transportation
FY 2019-20 Estimated**

Fund #	Proj #	CIP #	Project Name	FUNDING SOURCE								
				Beg. Wrk Capital	Bond Proceeds	Transfer from Gen. Fund 411	Transfer from Street Fund 412	Transfer from TLT Fund 442	TDT/TIF	Grants (Other Govt)	Other	Funding Total
Water Capital Improvement Projects:												
301	3509	3509	Public Safety Center	22,663,976		6,000,000				425,000	849,583	29,938,559
301	3513	3513	Property Acquisition Program	121,079							267,202	388,281
301	3519	3519	Canyon Rd Intersection Improvement			110,000	110,000					220,000
301	3521	3521	Patricia Reeser Center for the Arts	261,648	21,000,000			100,000			7,000,690	28,362,338
301	3522	3522	City Park Fountain Improvements	68,363								68,363
301	3523	3523	Pacwest Gas Station Acq/Demo	269,652		1,631,178				35,000	16,525	1,952,355
												-
												-
Totals - FUND 301				23,384,718	21,000,000	7,741,178	110,000	100,000	-	460,000	8,134,000	60,929,896
310	3106	3106	Sidewalk Improvement - Menlo				84,000					84,000
310	3112	3112	Sidewalk - Allen 92nd to Scholls			132,500	132,500					265,000
310	3113	3113	Sidewalk - Laurelwood Ave			70,000	70,000					140,000
310	3143		Active Transportation Projects (ATP)									-
310	3143	5113	ATP -Denney Rd East of 111th Ave Crossing Improvement				10,000					10,000
310	3143	5115	ATP-Pedestrian Crossing Improvement at 173rd Ave & Autumn Ridge Park				40,000					40,000
310	3143	5116	ATP-Pedestrian Crossing Improvement at Barrows Rd & Barrows Park				20,000					20,000
310	3189	3189	Traffic Calming Projects				20,000					20,000
310	3223		Traffic Enhancement Projects	63,106							2,800	65,906
310	3223	5112	Sexton Mountain Dr (Murray Blvd - 155th Ave) Traffic Calming	60,000								60,000
310	3307	3307	Underground Utility Projects	499,232							10,900	510,132
310	3321	3321	Westgate/CH/Dawson Intersection Realignment						763,000			763,000
310	3327	3327	Millikan Wy Extension (Watson Ave - Lombard Ave) MSTIP3E						25,000	925,000		950,000
310	3328	3328	Western Ave (5th-Allen)			90,000			90,000	50,000		230,000
310	3329	3329	Murray/Allen Blvd Intersection						-			-
310	3408	3408	Hocken Ave RR-Canyon St Improvement			40,000			228,000			268,000
310	3410	3410	Denney Rd Shared Use Path			441,964	441,964			50,000		933,928
310	3413	3413	Citywide Fiber Connections				95,000					95,000
310	3416	3416	Quiet Zones			50,000						50,000
Totals - FUND 310				622,338	-	824,464	913,464	-	1,106,000	1,025,000	13,700	4,504,966
Totals =>				24,007,056	8,565,642	1,023,464	1,106,000	1,025,000	8,147,700	65,434,862		

426

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 310 CAPITAL PROJECTS FUND

DEPT: 03 REVENUE

OBJ	2018 - ACTUAL		2019 - ACTUAL		2020 BUDGETED		2020 YTD	2020	2021 - PROPOSED		2021 - RECOMD		2021 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE

CLASS: 05 BEGINNING WORKING CAPITAL

301 BEGINNING WORKING CAPITAL

	-1,208,233		-1,339,115		-622,338		-622,338	-622,338	-1,501,038		-1,501,038			
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TOTAL CLASS: 05 BEGINNING WORKING CAPITAL

	-1,208,233		-1,339,115		-622,338		-622,338	-622,338	-1,501,038		-1,501,038			
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CLASS: 15 INTERGOVERNMENTAL REVENUE

329 OTHER INTERGOVERNMENTAL REV

	-514,255		-175,000		-230,000			-1,025,000	-915,000		-1,615,000			
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TOTAL CLASS: 15 INTERGOVERNMENTAL REVENUE

	-514,255		-175,000		-230,000			-1,025,000	-915,000		-1,615,000			
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CLASS: 35 MISCELLANEOUS REVENUES

384 INVESTMENT INTEREST EARNINGS

	-9,660		-13,825		-12,500		-9,461	-13,700	-10,100		-7,100			
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399 REIMBURSEMENTS - OTHER

							-5,585							
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TOTAL CLASS: 35 MISCELLANEOUS REVENUES

	-9,660		-13,825		-12,500		-15,046	-13,700	-10,100		-7,100			
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CLASS: 40 INTERFUND TRANSFERS/LOANS

411 TRSFERS FROM GENERAL FUND

	-395,366		-312,628		-888,066		-253,832	-824,464	-708,500		-708,500			
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412 TRSFERS FROM STREET FUND

	-111,183		-1,064,475		-1,058,464		-258,819	-913,464	-717,594		-717,594			
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443 TSFR FR TRANSP DEV TAX FUND

	-1,799,908		-134,040		-2,495,394		-132,660	-878,000	-1,645,000		-1,645,000			
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449 TSFR FR TRANS DEVL TAX/TIF FD

	-21,755		-28,072		-691,153		-19,656	-228,000	-650,000		-650,000			
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851 INTRA-FUND TRSFR REVENUE

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BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 310 CAPITAL PROJECTS FUND

DEPT: 03 REVENUE

OBJ	2018 - ACTUAL		2019 - ACTUAL		2020 BUDGETED		2020 YTD	2020	2021 - PROPOSED		2021 - RECOMD		2021 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
									-65,906		-65,906			
TOTAL CLASS: 40 INTERFUND TRANSFERS/LOANS														
	-2,328,212		-1,539,215		-5,133,077		-664,967	-2,843,928	-3,787,000		-3,787,000			
TOTAL DEPARTMENT: 03 REVENUE														
	-4,060,360		-3,067,155		-5,997,915		-1,302,351	-4,504,966	-6,213,138		-6,910,138			

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 310 CAPITAL PROJECTS FUND

DEPT: 75 INFRASTRUCTURE PROJECTS

OBJ	2018 - ACTUAL		2019 - ACTUAL		2020 BUDGETED		2020 YTD	2020	2021 - PROPOSED		2021 - RECOMD		2021 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE

CLASS: 15 CAPITAL OUTLAY

652	RIGHT-OF-WAY AND EASEMENT COST													
	101,662		69,195		827,792		41,646	887,000	485,000		485,000			
682	CONSTRUCTION													
	1,946,819		1,687,813		3,469,928		939,168	1,157,928	3,315,000		3,315,000			
683	CONST DESIGN & ENGR INSPECTION													
	672,762		615,175		1,165,357		842,487	661,000	1,132,000		1,302,000			
688	IN-HOUSE ENGR OH CHARGE													
							278,416	298,000	320,000		340,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
	2,721,243		2,372,183		5,463,077		2,101,717	3,003,928	5,252,000		5,442,000			

430

CLASS: 25 TRANSFERS

810	TRSFERS TO STREET FUND													
			72,635											
843	INTRA-FUND TRANSFER													
									65,906		65,906			
TOTAL CLASS: 25 TRANSFERS														
			72,635						65,906		65,906			

CLASS: 30 FUND BAL/CONTINGENCY/RESERVES

983	RESERVE - UTIL UNDERGROUNDING													
					508,932				520,232		517,232			
991	CONTINGENCY - UNRESERVED													
					25,906				375,000		885,000			
TOTAL CLASS: 30 FUND BAL/CONTINGENCY/RESERVES														
					534,838				895,232		1,402,232			

TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS

	2,721,243		2,444,818		5,997,915		2,101,717	3,003,928	6,213,138		6,910,138			
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CAPITAL PROJECTS –

- **WATER OPERATING FUND PROJECTS**

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2020-21 BUDGET

FUND: 501 WATER	DEPARTMENT: PUBLIC WORKS
PROGRAM: 3XXX WATER REPLACEMENT PROJECTS	PROGRAM MANAGER: DAVID WINSHIP

DRINKING WATER PROGRAM

For a complete narrative of the budget process for Water Construction Projects, refer to [pages 67 - 70](#).

The Drinking Water Program is funded by: the Water Construction Fund (505) which obtains revenue from Water System Development Charges (SDCs), loans and water revenue bonds and the Water Fund (501) that obtains revenue from water sales, water connection permits, and fees.

The City of Beaverton (City) provides drinking water to approximately 88 percent of its residents. This is approximately 18 percent more than in previous years due to the withdrawal of water service areas previously served by Tualatin Valley Water District (TVWD). An additional 8,000 new residents are expected in the South Cooper Mountain (SCM) area will be served by the City, and an additional 9,000 residents are predicted to be served by the City in next 10 years in the 1200-acre Urban Reserve 6B upon annexation to the City.

Progress on FY 2019-20 Action Plan:

Replacement Projects

The City currently owns, operates and maintains approximately 286 miles of 2” through 36” diameter waterlines. In 1991, the City identified approximately 162,240 lineal feet of water lines ranging in size from 2 to 24 inches and 2,265 fire hydrants that would require replacement over the estimated following 35 years. To date, the City has replaced approximately 119,748 lineal feet (66 %) of the previously identified waterlines for replacement because they were at the end of useful life.

Significant water renewal and replacement projects budgeted, designed and/or constructed in FY 2019-20 follow. A key area of focus for the City last year was the Nimbus North business area, from Hall Boulevard to the Denney Commerce Center. The water utility infrastructure in this area is in very poor condition, so the City began the first of multi-year phased approach to replace waterlines in the area, and significant coordination with existing businesses was necessary. Additionally, the design of phased improvements to the City’s Sexton Mountain Pump Station was completed, including accommodation for back-up/emergency power generation in the event of loss of primary power.

<u>CIP No.</u>	<u>CIP Project Name</u>
3106A	Menlo Dr (Allen Blvd to Fairmount Dr) Sidewalk Water Meter Service Relocation
3519A	Canyon Rd Intersection Improvements (MSTIP)
3611	JWC Upgrade Projects
4060	Water System Security Upgrades
4078C	Sexton Mt. Pump Station Upgrade and Emergency Generator, Phase 3, design
4117	Washington Ave Waterline (7th-9th)
4111	Hyland Way
4120	Taralynn Ave (Allen Blvd - EOP) Waterline Replacement
4123	Barlow Ct (1500LF of 6")
4134A	Pressure Reducing Valves – PRV (SW 153 rd Ave/TV Hwy
4135	Griffith Dr Water Line Rep (3100 LF, 8")
4144	Spirea and Cherry Hill Dr (400LF 6" and 1400 8")
4152	Chestnut Pl (6" water line)
4169A	Nimbus North - Hall to Denney Commerce Center (System Upgrade) – Phase 1 of 3
6095	Sellwood Subdivision (1,150 LF 6" DIP)

Joint Water Commission Supply

The City currently owns a 25 percent share of the Joint Water Commission’s (JWC’ s) water plant capacity, equivalent to 18.75 mgd of water to supply drinking water to city water customers. Beaverton paid approximately \$1.5 million in FY 2019-20 as its proportional ownership share for various JWC projects that replaced and upgraded selected parts of the Water Treatment Plant.

CITY OF BEAVERTON, OREGON
FISCAL YEAR 2020-21 BUDGET

FUND: 501 WATER	DEPARTMENT: PUBLIC WORKS
PROGRAM: 3XXX WATER REPLACEMENT PROJECTS	PROGRAM MANAGER: DAVID WINSHIP

FY 2020-21 Action Plan:

City staff representing the Engineering and Operations divisions work collaboratively to evaluate and prioritize water replacement projects. Annual updates to the CIP list consider Council priorities, the City’s adopted Water Master Plan (WMP), Cityworks (water asset management), and engineering and field maintenance history. Additionally, staff evaluate whether other pending or scheduled City utility projects, or projects from other jurisdictions/agencies, are planned to occur in the same area where we are proposing work. If we find opportunities where a joint/combined project would save money and/or mitigate traffic impacts compared with multiple smaller projects, the City supports these joint projects (ties back to existing Council Goal #7 – Provide responsive, cost effective service to the community).

Significant water system improvement and replacement projects budgeted for FY 2020-21 follow. A key area of focus for the City this year is finishing construction for the first phase of improvements in the Nimbus North business area, and continued design of subsequent phases. Additionally, the design of phased improvements to the City’s Sexton Mountain Pump Station will continue, accommodating for back-up/emergency power and architectural and seismic upgrades.

<u>CIP No.</u>	<u>CIP Project Name</u>
3321	Westgate Dr/Cedar Hills Blvd. Dawson Wy Intersection Realignment
3611	JWC Upgrade Projects
4078C	Sexton Mt. Pump Station Upgrade and Emergency Generator
4120	Taralynn Ave. Waterline Replacement
4124	Lisa Ln (141st - Bonnie Brae) Waterline Replacement, 1,200LF of 6"
4135	Griffith Dr Water Line Rep (3100 LF, 8" and 12")
4136	22nd St (Dale - Hall) Waterline Replacement, 1,100LF 8"
4169A	Nimbus North - Hall to Denney Commerce Center (System Upgrade) – Phase 1
4169B	Nimbus North - Hall to Denney Commerce Center (System Upgrade) – Phase 2
4169C	Nimbus North - Hall to Denney Commerce Center (System Upgrade) – Phase 3
4185	Washington Ave (5th-7th) Waterline Replacement, 550LF 8"
4188	Chestnut Pl (Oak - Elm) Waterline Replacement, 1,150LF of 8"
4198	SW Wilson Ct (Kimberly - Hart) Waterline Replacement, 750LF 6"
6006	Erickson Trunk Sewer Project
6096	McKay Subdivision (Rollingwood)
8135b	4140 SW Watson Storm Outfall Retrofit
XXX	16599 SW Weir Rd PRV Improvements
XXX	163rd PRV Improvements
XXX	PRV Decommissioning Project

Scoggins Dam and Hagg Lake

Since 1973, when the U.S. Bureau of Reclamation (Reclamation), was developing the Tualatin Project (Scoggins Dam, Hagg Lake), the City of Beaverton has been a direct municipal “repayment contractor” to Reclamation for 4,000 acre-feet (1.3 billion gallons) of storage annually. Beaverton has two current contracts with Reclamation dating as far back as 1971. Completion of the Scoggins Dam construction occurred in 1975.

In 2007, Reclamation staff identified that Scoggins Dam was at risk related to a Cascadia Subduction Zone earthquake. Between 2009 and 2010, a Risk Analysis was performed on Scoggins Dam to determine the risk from seismic events with Scoggins Dam. Based on the findings of these risk analyses, a decision was made in 2010 to move into a Corrective Action Study (CAS). Reclamation is currently considering three alternatives to replace the existing dam at a downstream location, and is expected to select preferred alternative in FY 20-21.

BUDGET PREPARATION WORKSHEET SUMMARY

FUND: 501 WATER FUND

DEPT: 75 INFRASTRUCTURE PROJECTS

OBJ	2018 - ACTUAL		2019 - ACTUAL		2020 BUDGETED		2020 YTD	2020	2021 - PROPOSED		2021 - RECOMD		2021 ADOPTED	
	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE	ACT AMT	EST AMT	AMOUNT	FTE	AMOUNT	FTE	AMOUNT	FTE
CLASS: 15 CAPITAL OUTLAY														
682 CONSTRUCTION														
	2,113,398		1,675,935		2,991,500		1,693,676	2,752,000	4,059,000		4,059,000			
683 CONST DESIGN & ENGR INSPECTION														
	571,917		424,513		799,000		776,372	456,000	155,000		155,000			
685 JWC CAPITAL EXPENSE														
	1,047,618		1,185,151		1,547,500		535,174	881,000	1,020,500		1,084,005			
688 IN-HOUSE ENGR OH CHARGE														
							148,523	251,500	320,000		320,000			
TOTAL CLASS: 15 CAPITAL OUTLAY														
	3,732,933		3,285,599		5,338,000		3,153,745	4,340,500	5,554,500		5,618,005			
434 TOTAL DEPARTMENT: 75 INFRASTRUCTURE PROJECTS														
	3,732,933		3,285,599		5,338,000		3,153,745	4,340,500	5,554,500		5,618,005			