

# Census 2010

## Library District Distribution Formula

January 11, 2012

# Overview



- Background
- Census 2010 - Implementation
- Formula results for FY 2012-2013 (estimate)
- Why did distribution amounts change?
- Updated estimate for FY 2011-2012

# Background

- Library District formed in 2008
- Tualatin annexation - June 17, 2010
- Damascus annexation - December 2, 2010
- Clackamas Corner Library closure – April 2012
- Implementation of Census 2010 for FY 2012-2013
  - Census 2010 information not available until April 2011
  - Timing for Library budget estimates

# Census 2010 Implementation/Map overlay

- Census 2010 overlay on top of Census 2000
  - Each Census 2010 block was examined and compared to the Census 2000 blocks
  - Compared and evaluated each block that covered two service area maps
  - Examined the Census 2000 blocks that were split or renumbered in the Census 2010
  - Examined IGA/contract to ensure accuracy
- Boundary changes due to Sunnyside Village Library Opening
  - Impacts unincorporated populations in Milwaukie, Gladstone and Oak Lodge

# Lake Oswego Library Service Area Map

## LAKE OSWEGO LIBRARY SERVICE AREA

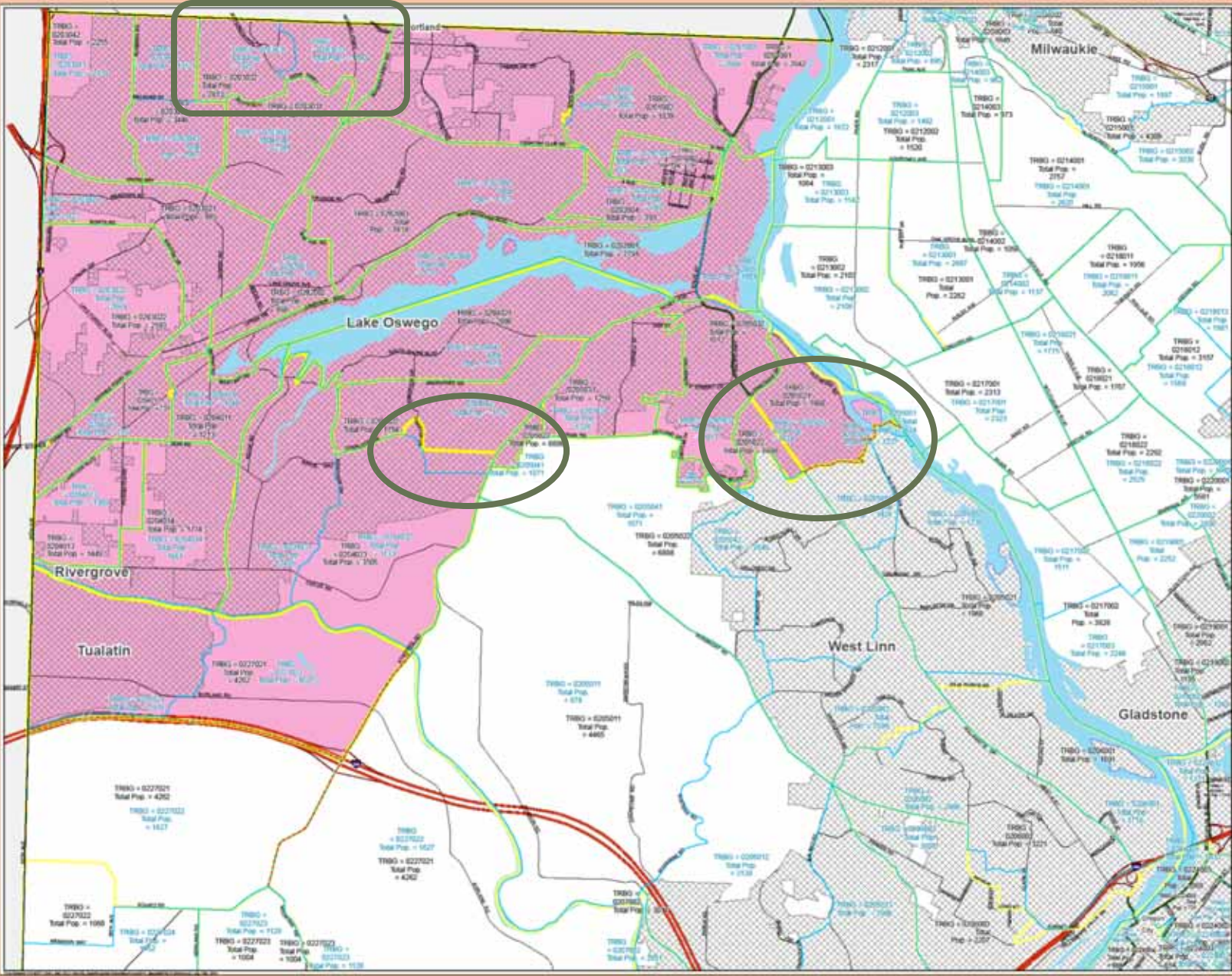
### Legend

#### Places

- County Courthouse
- City Hall
- Hospital
- Airport
- Park / Recreation
- Golf Course
- Boat Launch
- Water Recreation
- Cemetery
- Library
- Ferry Crossing
- Swimming
- Oregon Trail Interp. Center

#### Boundaries

- City Not Included
- City Boundary
- Year 2000 Tract Block Groups
- Year 2010 Tract Block Groups
- Shared Tract Block Groups



# Library Formula estimate for FY 2012-2013

- City Assessed Value Percentage
  - Assessed Value
    - Based on November 2011 actual AV
- Unincorporated Population Percentage
  - Based on Census 2010 Blocks
- Prior years Tax Revenue, Interest, and carryover distribution
  - Based on prior year Library City Assessed Value percentage
  - Based on prior year Unincorporated Population percentage

**Clackamas County Library District  
Fiscal Year 2012 - 2013 Distribution Formula  
Library City Assessed Value Percentage**

The purple area is where the actual City Assessed Value from November 2011 is entered.

<b>Participating Cities Assessed Value</b>		
Canby	\$1,101,881,082	5.76%
Estacada	\$196,743,992	1.03%
Gladstone	\$696,247,168	3.64%
Happy Valley	\$1,702,929,604	8.90%
Lake Oswego	\$5,280,630,292	27.60%
Milwaukie	\$1,634,556,333	8.54%
Molalla	\$452,996,521	2.37%
Oregon City	\$2,260,500,253	11.82%
Sandy	\$628,001,896	3.28%
Tualatin	\$381,210,793	1.99%
West Linn	\$2,965,918,688	15.50%
Wilsonville	\$1,830,569,710	9.57%
<b>Total</b>	<b>\$19,132,186,332</b>	<b>100.00%</b>

<b>Total Library District AV</b>	<b>\$36,353,434,596</b>	<b>100.00%</b>
Less: Participation Cities AV	\$19,132,186,332	52.63%
Equals : Unincorporated AV in District	\$17,221,248,264	47.37%

Library District Assessed Value per Assessors office

**Note:**

1) Per Library IGA Attachment A Assessed Value will be established annually based on the County Assessed Value reported for the Library District.

**Clackamas County Library District  
Fiscal Year 2012 - 2013 Distribution Formula  
Unincorporated Population Percentage - Census 2010**

Service area map population based on the Census 2010 blocks.

Unincorporated Population Served by Maps				
	Service Area Population	City Population	Unincorporated Population Served	Percentage of Total Un. Pop.
<b>Clackamas County</b>				
Canby	23,087	15,830	7,257	3.98%
Estacada	16,447	2,730	13,717	7.51%
Gladstone	19,985	11,495	8,490	4.65%
Happy Valley - SV	49,478	14,100	35,378	19.38%
Lake Oswego	39,538	34,067	5,471	3.00%
Milwaukie	39,126	20,290	18,836	10.32%
Molalla	21,868	8,110	13,758	7.54%
Oregon City	54,853	31,995	22,858	12.52%
Sandy	24,386	9,655	14,731	8.07%
Hoodland	5,123	0	5,123	2.81%
West Linn	28,811	25,150	3,661	2.01%
Wilsonville	22,356	17,385	4,971	2.72%
Oak Lodge	28,288	0	28,288	15.50%
<b>Total</b>	<b>373,346</b>	<b>190,807</b>	<b>182,539</b>	<b>100.00%</b>

Population out of Library District	
Johnson City	565
Tualatin	2,869
<b>Total</b>	<b>3,434</b>

Unincorporated City Population	
Barlow	135
Damascus	10,540
Portland	744
Rivergrove	258
<b>Total</b>	<b>11,677</b>

Clackamas County Unincorporated	170,862
Clackamas County City	205,918
<b>Total Clackamas County</b>	<b>376,780</b>

Formula Check	
	182,539
	190,807
	<b>373,346</b>



**Note:**

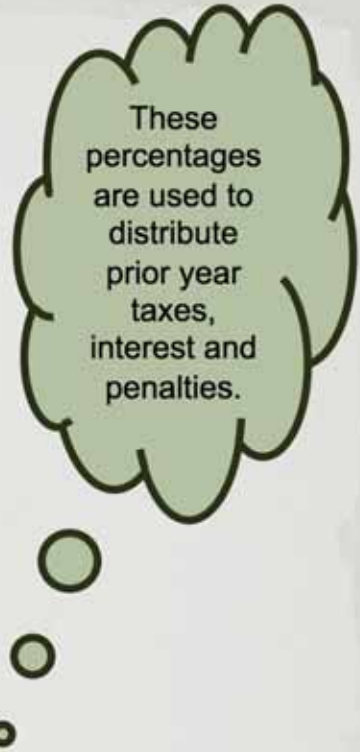
- 1) Per Library IGA Attachment A  
Unincorporated Population Served is based on Unincorporated Population Percentage Rate using the "Service Area Maps". The Percentage Rate will only change if there is a change due to the following:
- a) City Annexation
  - b) Service Area Map Change
  - c) Census update



**Clackamas County Library District  
Fiscal Year 2011 - 2012 Distribution Formula  
Prior Year Library City Assessed Value Percentage**

<b>Participating Cities Assessed Value</b>		
Canby	\$1,101,881,082	5.76%
Estacada	\$196,743,992	1.03%
Gladstone	\$696,247,168	3.64%
Happy Valley	\$1,702,929,604	8.90%
Lake Oswego	\$5,280,630,292	27.60%
Milwaukie	\$1,634,556,333	8.54%
Molalla	\$452,996,521	2.37%
Oregon City	\$2,260,500,253	11.82%
Sandy	\$628,001,896	3.28%
Tualatin	\$381,210,793	1.99%
West Linn	\$2,965,918,688	15.50%
Wilsonville	\$1,830,569,710	9.57%
<b>Total</b>	<b>\$19,132,186,332</b>	<b>100.00%</b>

<b>Total Library District AV</b>	<b>\$36,353,434,596</b>	<b>100.00%</b>
Less: Participation Cities AV	\$19,132,186,332	52.63%
<b>Equals : Unincorporated AV in District</b>	<b>\$17,221,248,264</b>	<b>47.37%</b>



**Note:**

1) Per Library IGA Attachment A

Assessed Value will be established annually based on the County Assessed Value reported for the Library District.

**Clackamas County Library District  
Fiscal Year 2011 - 2012 Distribution Formula  
Prior Year Unincorporated Population Percentage Rate**

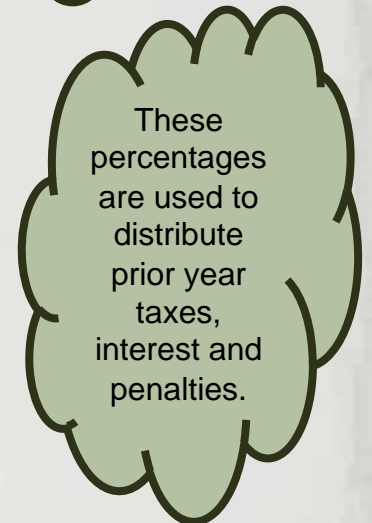
Unincorporated Population Served by Maps					
	Service Area Population	City Population	Unincorporated Population Served		Sunnyside Village Opens April 1, 2012
<b>Clackamas County</b>					
Canby	25,112	15,230	9,882	5.14%	
Estacada	19,652	2,880	16,772	8.73%	
Gladstone	20,567	12,215	8,352	4.35%	126.25
Happy Valley	51,689	11,865	39,824	20.72%	-2,168.50
Lake Oswego	37,433	34,496	2,937	1.53%	
Milwaukie	33,288	20,930	12,358	6.43%	2,042.25
Molalla	22,668	7,935	14,733	7.67%	
Oregon City	58,491	30,995	27,496	14.31%	
Sandy	24,734	8,420	16,314	8.49%	
Hoodland	6,245	0	6,245	3.25%	
West Linn	29,584	24,455	5,129	2.67%	
Wilsonville	19,876	16,433	3,443	1.79%	
Oak Lodge	28,694	0	28,694	14.93%	
<b>Total</b>	<b>378,033</b>	<b>185,854</b>	<b>192,179</b>	<b>100.00%</b>	0.00

Population out of Library District	
Johnson City	680
Tualatin	3,061
<b>Total</b>	<b>3,741</b>

Unincorporated City Population	
Barlow	140
Damascus	9,990
Portland	822
Rivergrove	315
<b>Total</b>	<b>11,267</b>

Clackamas County Unincorporated	180,912
Clackamas County City	200,863
<b>Total Clackamas County</b>	<b>381,775</b>

Formula Check	
	192,179
	185,855
	<b>378,034</b>



**Note:**

1) Per Library IGA Attachment A

Unincorporated Population Served is based on Unincorporated Population Percentage Rate using the "Service Area Maps". The Percentage Rate will only change if there is a change due to the following:

- a) City Annexation
- b) Service Area Map Change
- c) Census update

**This is 93% of Library District's estimated tax receipts for FY 2011-2012 plus 2.5%**

Clackamas County Library District  
Fiscal Year 2012 - 2013 Distribution Formula  
Estimate

<b>Total Current Year Tax Receipts</b>	<b>\$13,771,464</b>	<b>100.00%</b>	<b>Prior Year</b>
City Assessed Value	\$7,247,922	52.63%	\$191,573
Unincorporated Population Served	\$6,523,542	47.37%	\$172,427

Prior Year Fund Balance	\$65,000
Interest Earned	\$9,000
Delinquent Tax & Interest/Penalties	\$290,000
<b>Total</b>	<b>\$364,000</b>
<b>Total Library District Revenues</b>	<b>\$14,135,464</b>

**Budget based on historical revenues**

The purple area is where the actual year-to-date tax revenue will be entered for each distribution

	Assessed Value	Unincorporated Population Served	Assessed Value Prior Interest & Delinquent Tax	Unincorporated Prior Interest & Delinquent Tax	Tualatin Distribution	Total Distribution	%
Canby	\$417,480	\$259,349	\$11,035	\$8,866		\$696,730	4.93%
Estacada	\$74,654	\$490,215	\$1,973	\$15,048		\$581,890	4.12%
Gladstone	\$263,824	\$303,414	\$6,973	\$7,494		\$581,705	4.12%
Happy Valley	\$645,065	\$1,264,332	\$17,050	\$35,730		\$1,962,177	13.88%
Lake Oswego	\$2,000,426	\$195,522	\$52,874	\$2,635	\$37,011	\$2,288,469	16.19%
Milwaukie	\$618,972	\$673,157	\$16,360	\$11,088		\$1,319,578	9.34%
Molalla	\$171,776	\$491,681	\$4,540	\$13,219		\$681,215	4.82%
Oregon City	\$856,704	\$816,895	\$22,644	\$24,670		\$1,720,913	12.17%
Sandy	\$237,732	\$526,454	\$6,284	\$14,637		\$785,106	5.55%
Hoodland	\$0	\$183,085	\$0	\$5,603		\$188,688	1.33%
Tualatin	\$144,234	\$0	\$3,812	\$0	-\$74,023	\$74,023	0.52%
West Linn	\$1,123,428	\$130,836	\$29,694	\$4,602	\$7,402	\$1,295,962	9.17%
Wilsonville	\$693,626	\$177,653	\$18,334	\$3,089	\$29,609	\$922,311	6.52%
Oak Lodge	\$0	\$1,010,951	\$0	\$25,745		\$1,036,696	7.33%
<b>Total</b>	<b>\$7,247,922</b>	<b>\$6,523,542</b>	<b>\$191,573</b>	<b>\$172,427</b>	<b>\$0</b>	<b>\$14,135,464</b>	<b>100.00%</b>

Tualatin Assessed Value & Prior Year Distribution		Assessed Value	Prior Year, Interest and Delinquent Tax	Total
Tualatin	50%	\$72,117	\$1,906	\$74,023
Lake Oswego	25%	\$36,058	\$953	\$37,011
Wilsonville	20%	\$28,847	\$762	\$29,609
West Linn	5%	\$7,212	\$191	\$7,402
<b>Total</b>	<b>100%</b>	<b>\$144,234</b>	<b>\$3,812</b>	<b>\$148,046</b>

# How the distribution amounts changed since the creation of the Library Service District?

- Assessed Value Changes
- Changes in the Unincorporated Population served
- Sunnyside Village Library Opening
  - Changes in unincorporated population in Milwaukie, Gladstone and Oak Lodge

## Assessed Value

		Actual 2008	City % of Total AV	Actual 2011	City % of Total AV	% Change
CA	Canby	\$999,941,295	5.94%	\$1,101,881,082	5.76%	-.19%
ES	Estacada	\$179,662,976	1.07%	\$196,743,992	1.03%	-.04%
GL	Gladstone	\$635,886,719	3.78%	\$696,247,168	3.64%	-.14%
SV/HV	Happy Valley	\$1,508,430,197	8.97%	\$1,702,929,604	8.90%	-.07%
LO	Lake Oswego	\$4,756,391,295	28.28%	\$5,280,630,292	27.60%	-.68%
MI	Milwaukie	\$1,467,817,328	8.73%	\$1,634,556,333	8.54%	-.18%
MO	Molalla	\$409,821,923	2.44%	\$452,996,521	2.37%	-.07%
OC	Oregon City	\$2,002,572,357	11.91%	\$2,260,500,253	11.82%	-.09%
SA	Sandy	\$551,473,814	3.28%	\$628,001,896	3.28%	.00%
SA/HO	Hoodland	\$0	0.00%	\$0	0.00%	.00%
TUL	Tualatin	\$0	0.00%	\$381,210,793	1.99%	1.99%
WL	West Linn	\$2,655,549,376	15.79%	\$2,965,918,688	15.50%	-.29%
MV	Wilsonville	\$1,652,437,025	9.82%	\$1,830,569,710	9.57%	-.26%
<u>CO</u>	<u>Oak Lodge</u>	<u>\$0</u>	<u>0.00%</u>	<u>\$0</u>	<u>0.00%</u>	<u>.00%</u>
		<u>\$16,819,984,305</u>	<u>100%</u>	<u>\$19,132,186,332</u>	<u>100%</u>	<u>.00%</u>

Split  
between  
TUL, LO, WL  
and WV per  
IGA.

## Unincorporated Population Served

		Actual 2008	City % of Total Uninc.	Actual 2010	City % of Total Uninc.	% Change
CA	Canby	10,221	5.54%	7,257	3.98%	1.57%
ES	Estacada	16,802	9.11%	13,717	7.51%	1.60%
GL	Gladstone	8,506	4.61%	8,490	4.65%	.04%
SV/HV	Happy Valley	32,373	17.56%	35,378	19.38%	1.82%
LO	Lake Oswego	3,305	1.79%	5,471	3.00%	1.20%
MI	Milwaukie	10,756	5.83%	18,836	10.32%	4.48%
MO	Molalla	15,001	8.14%	13,758	7.54%	-.60%
OC	Oregon City	28,015	15.20%	22,858	12.52%	-2.37%
SA	Sandy	22,236	12.06%	14,731	8.07%	1.18%
SA/HO	Hoodland	0	0.00%	5,123	2.81%	.00%
TUL	Tualatin	0	0.00%	0	0.00%	.00%
WL	West Linn	5,691	3.09%	3,661	2.01%	-1.08%
MV	Wilsonville	3,421	1.86%	4,971	2.72%	.87%
<u>CO</u>	<u>Oak Lodge</u>	<u>28,036</u>	<u>15.21%</u>	<u>28,288</u>	<u>15.50%</u>	<u>.29%</u>
		<u>184,363</u>	<u>100.00%</u>	<u>182,539</u>	<u>100.00%</u>	<u>.00%</u>

# Unknown factors that may have affected the unincorporated population?

- The change from FY 2011-2012 to FY 2012-2013 (Census 2010 update)

	Library Service Area Population	City Population	Unincorporated Population Served
FY 2011-2012	378,033	185,854	192,179
FY 2012-2013	373,346	190,807	182,539
Population Change	-4,687	4,953	-9,640
% of Change		2.66%	-5.02%

- Over estimating/under estimating to PSU of building permit data?
  - City's
  - County
- Annexations of Unincorporated areas into City
  - Limited assessed value?
- Under reporting by citizens to US Census Bureau - Census 2010?

# Additional Information

**We are available to meet with you and discuss the 2010 Census information please call or email.**

Laura Zentner, CPA  
Senior Administrative Services Manager  
Clackamas County  
Business and Community Services  
Phone - (503) 742-4351  
Email - Lzentner@co.clackamas.or.us

Tracy Grambusch  
Financial Analyst  
Clackamas County  
Business and Community Services  
Phone - (503) 742-4368  
Email - tgrambusch@clackamas.us

**FY 2011-2012 Distribution Formula estimate (Handout)**



# Questions?

