

East West Seattle/ Georgetown/ South Park
Area: 018

Residential Revalue for 2020 Assessment Roll



King County
Department of Assessments

Setting values, serving the community, and pursuing excellence

500 Fourth Avenue, ADM-AS 0708
Seattle, WA 98104-2384

OFFICE (206) 296-7300 FAX (206) 296-0595

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<http://www.kingcounty.gov/assessor/>



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Dear Property Owners,

Our field appraisers work hard throughout the year to visit properties in neighborhoods across King County. As a result, new commercial and residential valuation notices are mailed as values are completed. We value your property at its "true and fair value" reflecting its highest and best use as prescribed by state law (RCW 84.40.030; WAC 458-07-030).

We continue to work to implement your feedback and ensure we provide you accurate and timely information. We have made significant improvements to our website and online tools to make interacting with us easier. The following report summarizes the results of the assessments for your area along with a map. Additionally, I have provided a brief tutorial of our property assessment process. It is meant to provide you with background information about our process and the basis for the assessments in your area.

Fairness, accuracy and transparency set the foundation for effective and accountable government. I am pleased to continue to incorporate your input as we make ongoing improvements to serve you. Our goal is to ensure every taxpayer is treated fairly and equitably.

Our office is here to serve you. Please don't hesitate to contact us if you ever have any questions, comments or concerns about the property assessment process and how it relates to your property.

In Service,

John Wilson

King County Assessor



How Property Is Valued

King County along with Washington's 38 other counties use mass appraisal techniques to value all real property each year for property assessment purposes.

What Are Mass Appraisal Techniques?

In King County the Mass Appraisal process incorporates statistical testing, generally accepted valuation methods, and a set of property characteristics for approximately 700,000 residential, commercial and industrial properties. More specifically for residential property, we break up King County into 88 residential market areas and annually develop market models from the sale of properties using multiple regression statistical tools. The results of the market models are then applied to all similarly situated homes within the same appraisal area.

Are Properties Inspected?

All property in King County is physically inspected at least once during each six year cycle. Each year our appraisers inspect a different geographic area. An inspection is frequently an external observation of the property to confirm whether the property has changed by adding new improvements or shows signs of deterioration more than normal for the property's age. From the property inspections we update our property assessment records for each property. In cases where an appraiser has a question, they will approach the residence front door to make contact with the property owner or leave a card requesting the taxpayer contact them.

RCW 84.40.025 - Access to property

For the purpose of assessment and valuation of all taxable property in each county, any real or personal property in each county shall be subject to visitation, investigation, examination, discovery, and listing at any reasonable time by the county assessor of the county or by any employee thereof designated for this purpose by the assessor.

In any case of refusal to such access, the assessor shall request assistance from the department of revenue which may invoke the power granted by chapter [84.08](#) RCW.

How Are Property Sales Used?

For the annual revaluation of residential properties, three years of sales are analyzed with the sales prices time adjusted to January 1 of the current assessment year. Sales prices are adjusted for time to reflect that market prices change over time. During an increasing market, older sales prices often understate the current market value. Conversely, during downward (or recessionary) markets, older sales prices may overstate a property's value on January 1 of the assessment year unless sales are time adjusted. Hence time adjustments are an important element in the valuation process.

How is Assessment Uniformity Achieved?

We have adopted the Property Assessment Standards prescribed by the International Association of Assessing Officers that may be reviewed at www.IAAO.org. As part of our valuation process statistical testing is performed by reviewing the uniformity of assessments within each specific market area, property type, and quality grade or residence age. More specifically Coefficients of Dispersion (aka COD) are developed that show the uniformity of predicted property assessments. We have set our target CODs using the standards set by IAAO which are summarized in the following table:

Type of property—General	Type of property—Specific	COD Range**
Single-family residential (including residential condominiums)	Newer or more homogeneous areas	5.0 to 10.0
Single-family residential	Older or more heterogeneous areas	5.0 to 15.0
Other residential	Rural, seasonal, recreational, manufactured housing, 2–4 unit family housing	5.0 to 20.0
Income-producing properties	Larger areas represented by large samples	5.0 to 15.0
Income-producing properties	Smaller areas represented by smaller samples	5.0 to 20.0
Vacant land		5.0 to 25.0
Other real and personal property		Varies with local conditions

Source: IAAO, *Standard on Ratio Studies*, 2013, Table 1-3.

More results of the statistical testing process is found within the attached area report.

Requirements of State Law

Within Washington State, property is required to be revalued each year to market value based on its highest and best use. (RCW 84.41.030; 84.40.030; and WAC 458-07-030). Washington Courts have interpreted fair market value as the amount of money a buyer, willing but not obligated to buy, would pay to a seller willing but not obligated to sell. Highest and Best Use is simply viewed as the most profitable use that a property can be legally used for. In cases where a property is underutilized by a property owner, it still must be valued at its highest and best use.

Appraisal Area Reports

The following area report summarizes the property assessment activities and results for a general market area. The area report is meant to comply with state law for appraisal documentation purposes as well as provide the public with insight into the mass appraisal process.



King County

Department of Assessments

King County Administration Bldg.
500 Fourth Avenue, ADM-AS-0708
Seattle, WA 98104-2384

John Wilson
Assessor

East West Seattle/ Georgetown/ South Park – Area 018 2020 Assessment Roll Year

Recommendation is made to post values for Area 018 to the 2021 tax roll:

Appraiser II: Raju Pandey

5/4/2020

Date

WC District Senior Appraiser: Bob Kaldor

5/20/20

Date

Residential Division Director: Jeff Darrow

6/2/2020

Date

This report is hereby accepted and the values described in the attached documentation for Area 018 should be posted to the 2021 tax roll.

John Wilson, King County Assessor

7/14/2020

Date



Executive Summary

East West Seattle/Georgetown/South Park - Area 018

Annual Update

Characteristics Based Market Adjustment for 2020 Assessment Roll

Appraisal Date: 1/1/2020
Previous Physical Inspection: 2016
Number of Improved Sales: 957
Range of Sale Dates: 1/1/2017 – 12/31/2019 Sales were time adjusted to 1/1/2019

Sales - Improved Valuation Change Summary:						
	Land	Improvements	Total	Mean Sale Price	Ratio	COD
2019 Value	\$157,100	\$378,800	\$535,900			8.45%
2020 Value	\$157,500	\$381,700	\$539,200	\$603,000	89.6%	8.37%
\$ Change	+\$400	+\$2,900	+\$3,300			
% Change	+0.3%	+0.8%	+0.6%			

Coefficient of Dispersion (COD) is a measure of the uniformity of the predicted assessed values for properties within this geographic area. The 2020 COD of 8.37% is an improvement from the previous COD of 8.45%. The lower the COD, the more uniform are the predicted assessed values. Refer to the table on page 3 of this report for more detail surrounding COD thresholds. Area 18 is a more suburban or diverse area and the COD threshold prescribed by the International Association of Assessing Officers should be no more than 15%. The resulting COD meets or exceeds the industry assessment standards.

Population - Improved Valuation Change Summary:			
	Land	Improvements	Total
2019 Value	\$175,800	\$304,500	\$480,300
2020 Value	\$176,400	\$310,100	\$486,500
\$ Change	+\$600	+\$5,600	+\$6,200
% Change	+0.3%	+1.8%	+1.3%

Number of one to three unit residences in the population: 4,952

Summary of Findings: The analysis for this area consisted of a general review of applicable characteristics, such as: grade, age, condition, stories, living area, views, waterfront, lot size, land problems and neighborhoods. A separate analysis was done for Single Family/Duplex/Triplex improvements and for Townhouse Plats; resulting in two models for the area.

The analysis of Single Family/ Duplex/Triplex sales result showed that several characteristic-based and neighborhood-based variables needed to be included in the valuation formula in order to improve the uniformity of assessments throughout the area. For instance, improvements located in Neighborhood 10; were generally at higher assessment levels than the rest of the non-townhouse population. This annual update valuation model corrects for these strata differences.

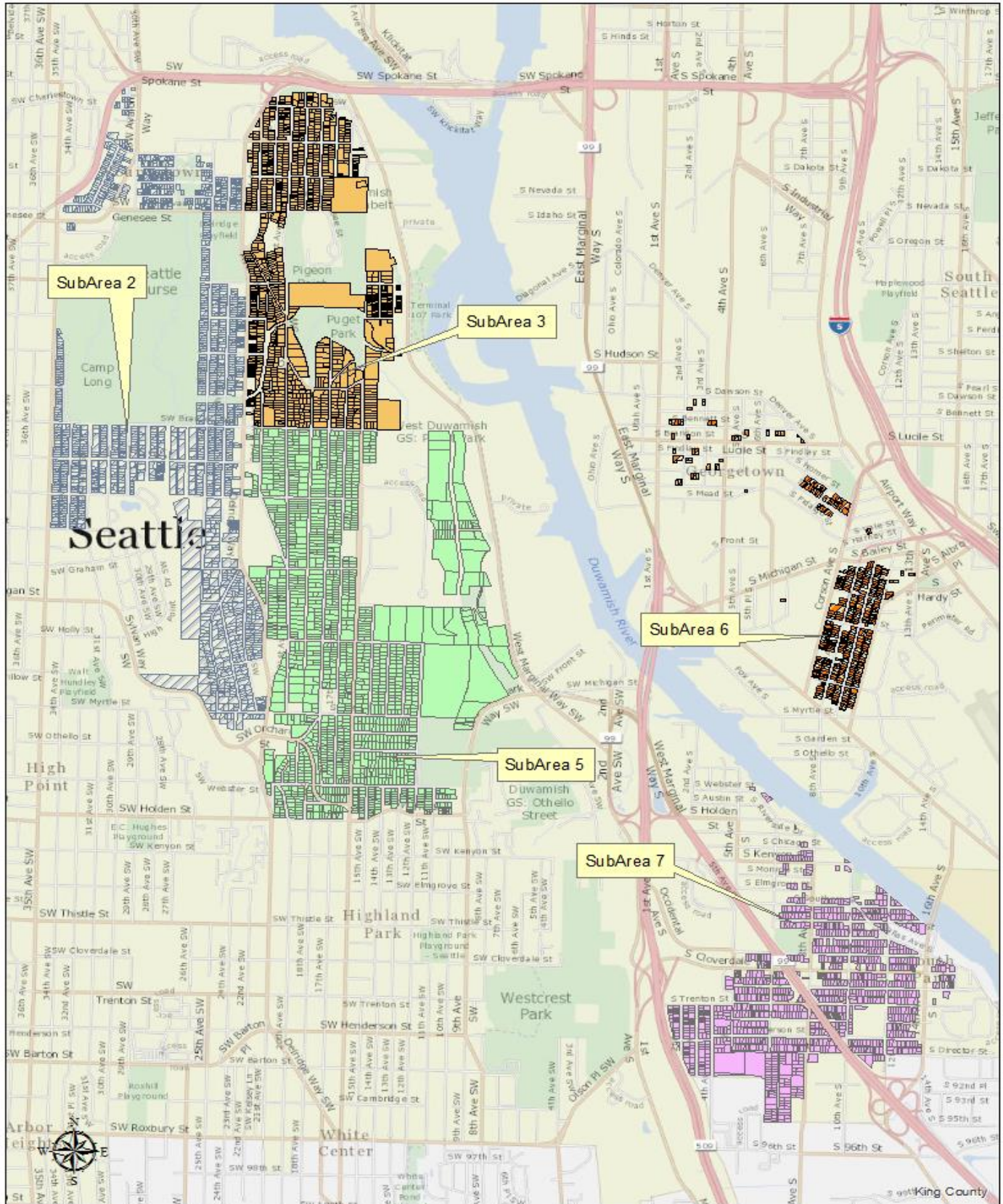
The analysis of Townhouse Plats sales result showed that several characteristic-based and neighborhood-based variables needed to be included in the valuation formula in order to improve the uniformity of assessments



throughout the area. For instance, building grade 6 townhouse parcels located in Major 284870 (Plat GOTTSTEINS 1ST ADD TO W S), were generally at higher assessment levels than the rest of the Townhouse population. This annual update valuation model corrects for these strata differences.

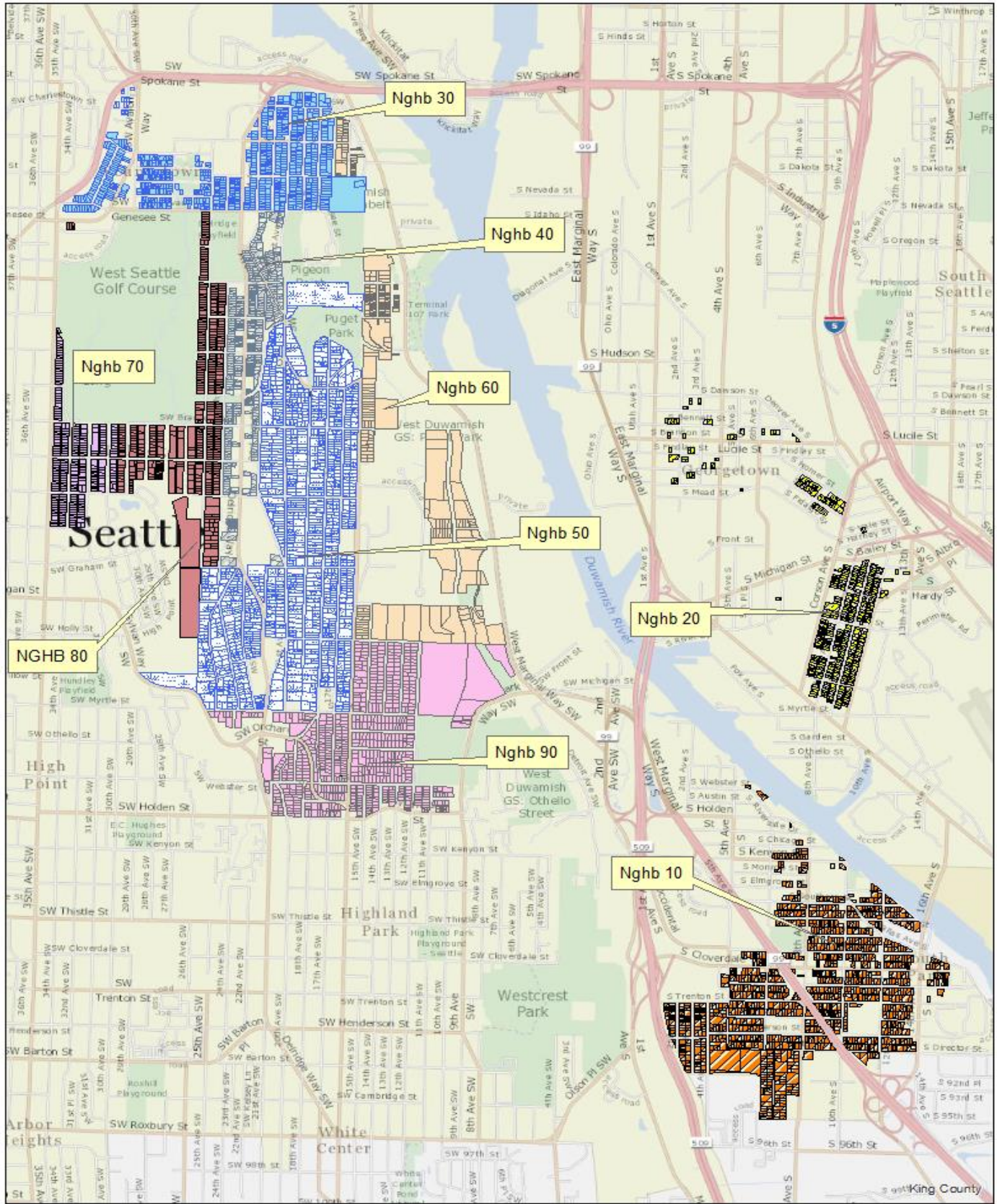
Similarly, Townhouse parcels located in Neighborhood 10; Townhouse parcels that are building grade 7 located in Neighborhood 40, were generally at lower assessment levels than the rest of the Townhouse population. This annual update valuation model corrects for these strata differences.

Area 018 - Overview Map



All maps in this document are subject to the following disclaimer: The information included on this map has been compiled by King County staff from a variety of sources and is subject to change without notice. King County makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. King County shall not be liable for any general, special, indirect, incidental, or consequential damages including, but not limited to, lost revenues or lost profits resulting from the use or misuse of the information contained on this map. Any sale of this map or information on this map is prohibited except by written permission of King County.

Area 018 - Neighborhood Map



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Area 018 Annual Update Ratio Study Report

PRE-REVALUE RATIO ANALYSIS

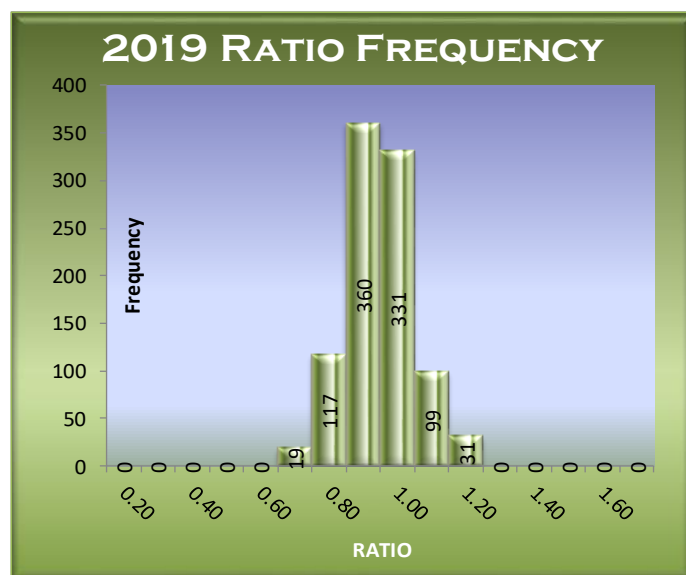
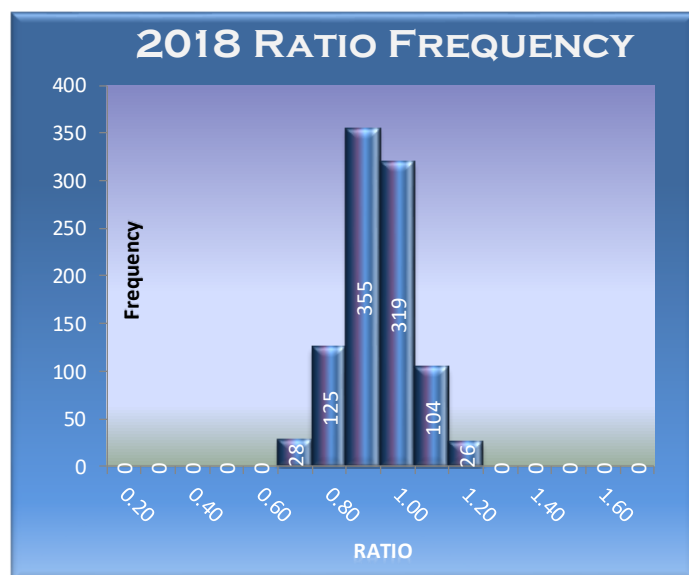
Pre-revalue ratio analysis compares time adjusted sales from 2017 through 2019 in relation to the previous assessed value as of 1/1/2019.

PRE-REVALUE RATIO SAMPLE STATISTICS	
Sample size (n)	957
Mean Assessed Value	\$535,900
Mean Adj. Sales Price	\$603,000
Standard Deviation AV	\$147,053
Standard Deviation SP	\$160,238
ASSESSMENT LEVEL	
Arithmetic Mean Ratio	0.893
Median Ratio	0.894
Weighted Mean Ratio	0.889
UNIFORMITY	
Lowest ratio	0.613
Highest ratio:	1.157
Coefficient of Dispersion	8.45%
Standard Deviation	0.098
Coefficient of Variation	10.94%
Price Related Differential (PRD)	1.005
Price Related Bias (PRB)	0.000

POST-REVALUE RATIO ANALYSIS

Post revalue ratio analysis compares time adjusted sales from 2017 through 2019 and reflects the assessment level after the property has been revalued to 1/1/2020.

POST REVALUE RATIO SAMPLE STATISTICS	
Sample size (n)	957
Mean Assessed Value	\$539,200
Mean Sales Price	\$603,000
Standard Deviation AV	\$146,388
Standard Deviation SP	\$160,238
ASSESSMENT LEVEL	
Arithmetic Mean Ratio	0.899
Median Ratio	0.896
Weighted Mean Ratio	0.894
UNIFORMITY	
Lowest ratio	0.627
Highest ratio:	1.183
Coefficient of Dispersion	8.37%
Standard Deviation	0.097
Coefficient of Variation	10.80%
Price Related Differential (PRD)	1.005
Price Related Bias (PRB)	-0.007



Area 018 Annual Update (Single Family/Duplex/Triplex) Ratio

Study Report

PRE-REVALUE RATIO ANALYSIS

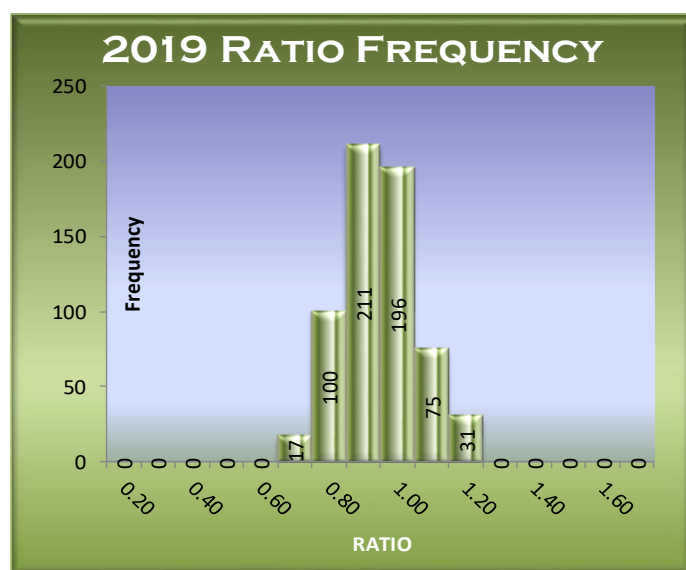
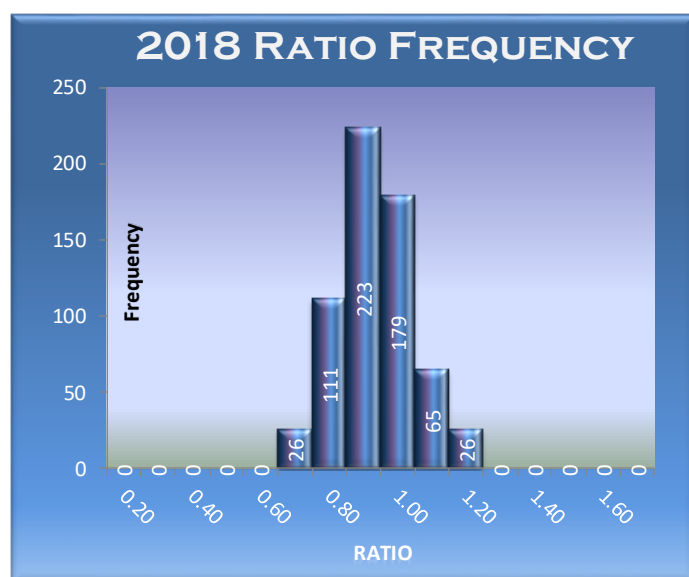
Pre-revalue ratio analysis compares time adjusted sales from 2017 through 2019 in relation to the previous assessed value as of 1/1/2019.

PRE-REVALUE RATIO SAMPLE STATISTICS	
Sample size (n)	630
Mean Assessed Value	\$521,400
Mean Adj. Sales Price	\$592,300
Standard Deviation AV	\$164,961
Standard Deviation SP	\$178,077
ASSESSMENT LEVEL	
Arithmetic Mean Ratio	0.885
Median Ratio	0.883
Weighted Mean Ratio	0.880
UNIFORMITY	
Lowest ratio	0.613
Highest ratio:	1.157
Coefficient of Dispersion	9.80%
Standard Deviation	0.108
Coefficient of Variation	12.25%
Price Related Differential (PRD)	1.005
Price Related Bias (PRB)	0.007

POST-REVALUE RATIO ANALYSIS

Post revalue ratio analysis compares time adjusted sales from 2017 through 2019 and reflects the assessment level after the property has been revalued to 1/1/2020.

POST REVALUE RATIO SAMPLE STATISTICS	
Sample size (n)	630
Mean Assessed Value	\$529,300
Mean Sales Price	\$592,300
Standard Deviation AV	\$165,765
Standard Deviation SP	\$178,077
ASSESSMENT LEVEL	
Arithmetic Mean Ratio	0.899
Median Ratio	0.895
Weighted Mean Ratio	0.894
UNIFORMITY	
Lowest ratio	0.627
Highest ratio:	1.183
Coefficient of Dispersion	9.75%
Standard Deviation	0.110
Coefficient of Variation	12.19%
Price Related Differential (PRD)	1.006
Price Related Bias (PRB)	0.000



Area 018 Annual Update (Townhouses Only) Ratio Study Report

PRE-REVALUE RATIO ANALYSIS

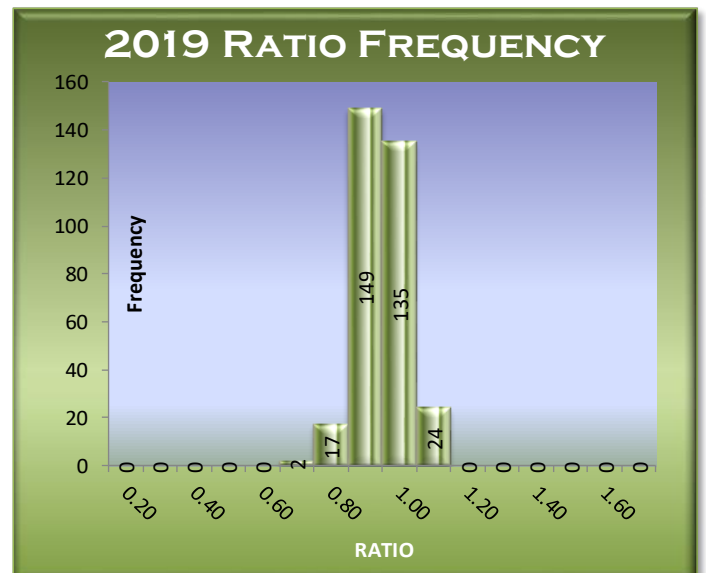
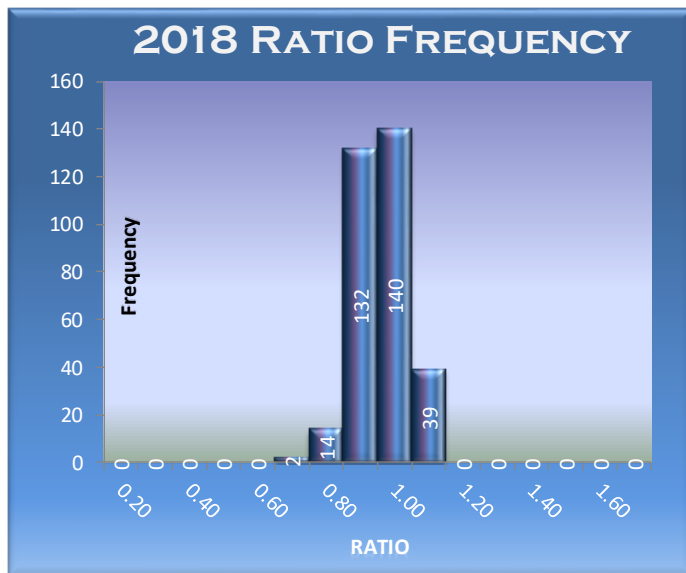
Pre-revalue ratio analysis compares time adjusted sales from 2017 through 2019 in relation to the previous assessed value as of 1/1/2019.

PRE-REVALUE RATIO SAMPLE STATISTICS	
Sample size (n)	327
Mean Assessed Value	\$563,900
Mean Adj. Sales Price	\$623,700
Standard Deviation AV	\$98,565
Standard Deviation SP	\$116,011
ASSESSMENT LEVEL	
Arithmetic Mean Ratio	0.908
Median Ratio	0.905
Weighted Mean Ratio	0.904
UNIFORMITY	
Lowest ratio	0.689
Highest ratio:	1.080
Coefficient of Dispersion	6.00%
Standard Deviation	0.070
Coefficient of Variation	7.74%
Price Related Differential (PRD)	1.005
Price Related Bias (PRB)	-0.032

POST-REVALUE RATIO ANALYSIS

Post revalue ratio analysis compares time adjusted sales from 2017 through 2019 and reflects the assessment level after the property has been revalued to 1/1/2020.

POST REVALUE RATIO SAMPLE STATISTICS	
Sample size (n)	327
Mean Assessed Value	\$558,200
Mean Sales Price	\$623,700
Standard Deviation AV	\$96,300
Standard Deviation SP	\$116,011
ASSESSMENT LEVEL	
Arithmetic Mean Ratio	0.899
Median Ratio	0.899
Weighted Mean Ratio	0.895
UNIFORMITY	
Lowest ratio	0.680
Highest ratio:	1.068
Coefficient of Dispersion	5.71%
Standard Deviation	0.067
Coefficient of Variation	7.45%
Price Related Differential (PRD)	1.005
Price Related Bias (PRB)	-0.036



Area Information

Area 018 – East West Seattle/Georgetown/South Park

Area 18 is located west of I-5 and south of the West Seattle Bridge. It is comprised of the Delridge, South Park and Georgetown neighborhoods. While most of the area is inside the Seattle City limits, there is a small portion that is in unincorporated King County.

The Delridge neighborhood is home to South Seattle Community College, and the West Seattle Golf Course and Recreational Center.

Georgetown is north of the King County International Airport and Boeing Field and is in the flight path. In order to mitigate the noise from the airplanes many of the homes received the “Port Package” from the Port of Seattle. This package consisted of installing double or triple pane windows and increasing the insulation in the home.

South Park, a very diverse neighborhood, is comprised of single family homes and a manufacturing and industrial center. A small group of parcels located in the southern portion of South Park along the Duwamish River are serviced by unincorporated King County.

Area 18 is a very diverse area with easy access to many amenities and neighborhoods that appeal to a wide variety of living styles. This includes houses ranging in quality from grade 4 to grade 10. The area is a mixture of single family residences, multi-family duplex and triplex residences, town homes and apartments located near a manufacturing and industrial center. Views are a significant characteristic with hillsides and topography providing panoramic views of the Olympic and Cascade Mountains, Puget Sound and the City of Seattle. Many parcels are impacted by the streams, steep topography, wetlands and other sensitive areas that can be found here. There is good access to employment centers and shopping in downtown Seattle and Tukwila via the I-5 freeway, West Seattle Freeway, Highway 509 and Highway 99.

Although the area is almost fully developed, there is ongoing vacant land sales, tear down sales and new construction of single family and townhome improvements occurring.

Area 18 is divided into five Sub Areas:

Sub Area 2 is the largest of the five sub areas and is located west of Delridge Way SW. It includes parcels from a number of neighborhoods. This is a desirable sub area due to proximity to Alki Beach, downtown Seattle and other commercial establishments. The West Seattle Golf Course, Delridge Community Center and Delridge Park are all located in this subarea.

Sub Area 3 is located in the Northeast portion of the area, east of Delridge Way SW. Many parcels are on hillsides and are affected by topography. This location also provides some parcels with panoramic views of the Cascade Mountains and the surrounding territory, as well as Puget Sound and Seattle skyline views. Pigeon Point Park and Puget Park are located in this subarea.

Sub Area 5 is the Southeast portion of Area 18. Although some of the parcels are situated on a hillside, the view is not comparable to those in sub area 3. South Seattle Community College is located in this sub area.

Sub Area 6 is the Georgetown neighborhood, which is considered to be the oldest neighborhood in Seattle. This area is dominated by commercial establishments rather than single family residences. Due to proximity to

downtown Seattle, stadiums and recreational centers, this area is becoming a magnet for young generations and is experiencing more teardown sales for townhouse construction.

Sub Area 7 is the South Park neighborhood located on the Duwamish corridor. 45% of homes located in Seattle's only riverfront community were built before 1940. This area is bisected by Hwy 99 and dominated mostly by industrial warehouses, small to medium scale industrial manufacturing Centers, and semi-truck / van parking lots.

West Seattle Bridge closure due to excessive cracking may affect parcels located in subarea 2, subarea 3 and subarea 5. The Department of Assessments is monitoring potential impacts to market value from a prolonged bridge closure.

Area 018 - Model Adjustments 1-3 Unit Residences

2020 Total Value = 2019 Total Value + Overall (+/-) Characteristic Adjustments

Standard Area Adjustment	# Parcels Adjusted	% of Population
+2.32%	3,682	87%

Due to truncating the coefficient values used to develop the percentages and further rounding of the percentages in this table, the results you will obtain are an approximation of adjustment achieved in production.

The percentages listed in the following table are total adjustments, not additive adjustments.

Model Variable	Adj %	# Sales	# in Pop	% Rep
Improvements located in Neighborhood 30	-1.45%	102	551	19%

There were no properties that would receive a multiple variable adjustment.

Area 018 - Model Adjustments Townhouses Unit Residences

2020 Total Value = 2019 Total Value + Overall (+/-) Characteristic Adjustments

Standard Area Adjustment	# Parcels Adjusted	% of Population
-1.16%	575	80%

Due to truncating the coefficient values used to develop the percentages and further rounding of the percentages in this table, the results you will obtain are an approximation of adjustment achieved in production.

The percentages listed in the following table are total adjustments, not additive adjustments.

Model Variable	Adj %	# Sales	# in Pop	% Rep
Improvements located in Neighborhood 10	+2.67%	17	49	35%
Building Grade 7 Improvements located in Neighborhood 40	+3.38%	21	88	24%
Building Grade 6 Improvements located in Major 284870 (Plat GOTTSTEINS 1ST ADD TO W S)	-10.05%	8	8	100%

There were no properties that would receive a multiple variable adjustment.

Area 018 - Summary of Plat Variables

Plat Number	Plat Name	# Sales	# Pop	% Pop	QSTR	Sub	Range of Building Grades	Range of Year Built
284870	Plat GOTTSTEINS 1ST ADD TO W S	18	20	90%	NE-13- 24-3	3	6 to 9	2000 thru 2018

Annual Update Process

Effective Date of Appraisal: January 1, 2020

Date of Appraisal Report: April 30, 2020

Sales Screening for Improved Parcel Analysis

In order to ensure that the Assessor's analysis of sales of improved properties best reflects the market value of the majority of the properties within an area, non-typical properties must be removed so a representative sales sample can be analyzed to determine the new valuation level. The following list illustrates examples of non-typical properties which are removed prior to the beginning of the analysis.

1. Vacant parcels
2. Mobile Home parcels
3. Multi-Parcel or Multi Building parcels
4. New construction where less than a 100% complete house was assessed for 2019
5. Existing residences where the data for 2019 is significantly different than the data for 2020 due to remodeling
6. Parcels with improvement values, but no characteristics
7. Parcels with either land or improvement values of \$25,000 or less posted for the 2019 Assessment Roll
8. Short sales, financial institution re-sales and foreclosure sales verified or appearing to be not at market

(Available sales and additional Area information can be viewed from [sales lists](#), [eSales](#) and [Localscape](#))

Land Update

Based on the 30 usable land sales available in the area, their 2019 Assessment Year assessed values, and supplemented by the value increase in sales of improved parcels, an overall market adjustment was derived. This resulted in an overall +0.3% increase in land assessments in the area for the 2020 Assessment Year. The formula is:

2020 Land Value = 2019 Land Value * 1.006, with the result truncated to the next \$1,000.

Improved Parcel Update

The analysis for this area consisted of a general review of applicable characteristics, such as: grade, age, condition, stories, living area, views, waterfront, lot size, land problems and neighborhoods. A separate analysis was done for Single Family/Duplex/Triplex improvements and for Townhouse Plats; resulting in two models for the area.

The analysis of Single Family/ Duplex/Triplex sales result showed that several characteristic-based and neighborhood-based variables needed to be included in the valuation formula in order to improve the uniformity of assessments throughout the area. For instance, improvements located in Neighborhood 10 ; were generally at higher assessment levels than the rest of the non-townhouse population. This annual update valuation model corrects for these strata differences.



The analysis of Townhouse Plats sales result showed that several characteristic-based and neighborhood-based variables needed to be included in the valuation formula in order to improve the uniformity of assessments throughout the area. For instance, building Grade 6 townhouse parcels located in Major 284870 (Plat GOTTSTEINS 1ST ADD TO W S) , were generally at higher assessment levels than the rest of the Townhouse population. This annual update valuation model corrects for these strata differences.

Similarly, Townhouse parcels located in Neighborhood 10; Townhouse parcels that are building grade 7 located in Neighborhood 40, were generally at lower assessment levels than the rest of the Townhouse population. This annual update valuation model corrects for these strata differences.

With the exception of real property mobile home parcels and parcels with “accessory only” improvements, the new recommended values on all improved parcels were based on the analysis of the 957 useable residential sales in the area that includes 630 Single Family/Duplex/ Triplex sales and 327 Townhouse sales.

Sales used in the valuation model were time adjusted to January 1, 2020. The chosen adjustment model was developed using multiple regression. An explanatory adjustment table is included in this report.

The derived adjustment formula is:

Single Family/Duplex/Triplex

$$2020 \text{ Total Value} = 2019 \text{ Total Value} * (1 - 0.10) / (0.879561662428031 + 0.0336479611111856 * NGHB30)$$

Townhouse Plats

$$2020 \text{ Total Value} = 2019 \text{ Total Value} * (1 - 0.10) / (0.910539778010676 - 0.0339853283636174 * Nghb10 - 0.0399847529630572 * Nghb40grd7 + 0.090001818989324 * Plat284870grd6)$$

The resulting total value is truncated to the next \$1,000, *then*:

$$2020 \text{ Improvements Value} = 2020 \text{ Total Value} \text{ minus } 2020 \text{ Land Value}$$

Mobile Home Update

There were an insufficient number of mobile home sales (0) within Area 018; therefore, mobile homes received the Total % Change indicated by the sales sample as reflected on the Executive Summary page of +0.6%. The adjustment formula is:

$$2020 \text{ Total Value} = 2019 \text{ Total Value} * 1.006$$
$$2020 \text{ Improvements Value} = 2020 \text{ Total Value} \text{ minus } 2020 \text{ Land Value}$$

Results

The assessment level target for all areas in King County, including this area, is 0.90. The actual assessment level for this area is 0.896. The standard statistical measures of valuation performance are all within the IAAO recommended range of 0.90 to 1.10.

Application of these recommended values for the 2020 assessment year (taxes payable in 2021) results in an average total change from the 2019 assessments of +1.3%. This increase is due partly to market changes over time and the previous assessment levels.

Note: Additional information may reside in the Assessor's Real Property Database, Assessor's procedures, Revalue Plan, separate studies, and statutes.

Exceptions:

- If multiple houses exist on a parcel, the adjustment formula for the main improvement is used to arrive at the new total value.
- If the site is improved with a house and mobile home, the formula derived from the house is used to arrive at new total value.
- If "accessory improvements only", the total % change indicated by the sales sample is used to arrive at the new total value (Previous Year Land Value + Previous Year Improvement Value) * 1.006
- If adjusted land value falls < \$1,000, then land value = \$1,000 or previous, whichever is less.
- If adjusted improvement value falls < \$1,000, then improvement value = \$1,000 or previous, whichever is less.
- If land value <= \$10,000 no upward adjustment is applied.
- If improvements <= \$10,000 no upward adjustment is applied to the improvement value.
- If vacant parcel (no improvement value), the land adjustment applies.
- If a parcel is coded "non-perc" (sewer system=3 or 4), there is no increase from previous land value.
- If a parcel is coded "unbuildable" = 1, there is no increase from previous land value.
- If a parcel is coded water district private restricted, or public restricted, there is no increase from previous land value.
- If an improvement is coded "% net condition" or is in "poor" condition, then the total % change indicated by the improved adjustment formula or the New Land Value + Previous Improvement Value, whichever is less. Any properties excluded from the annual up-date process are noted in RealProperty.

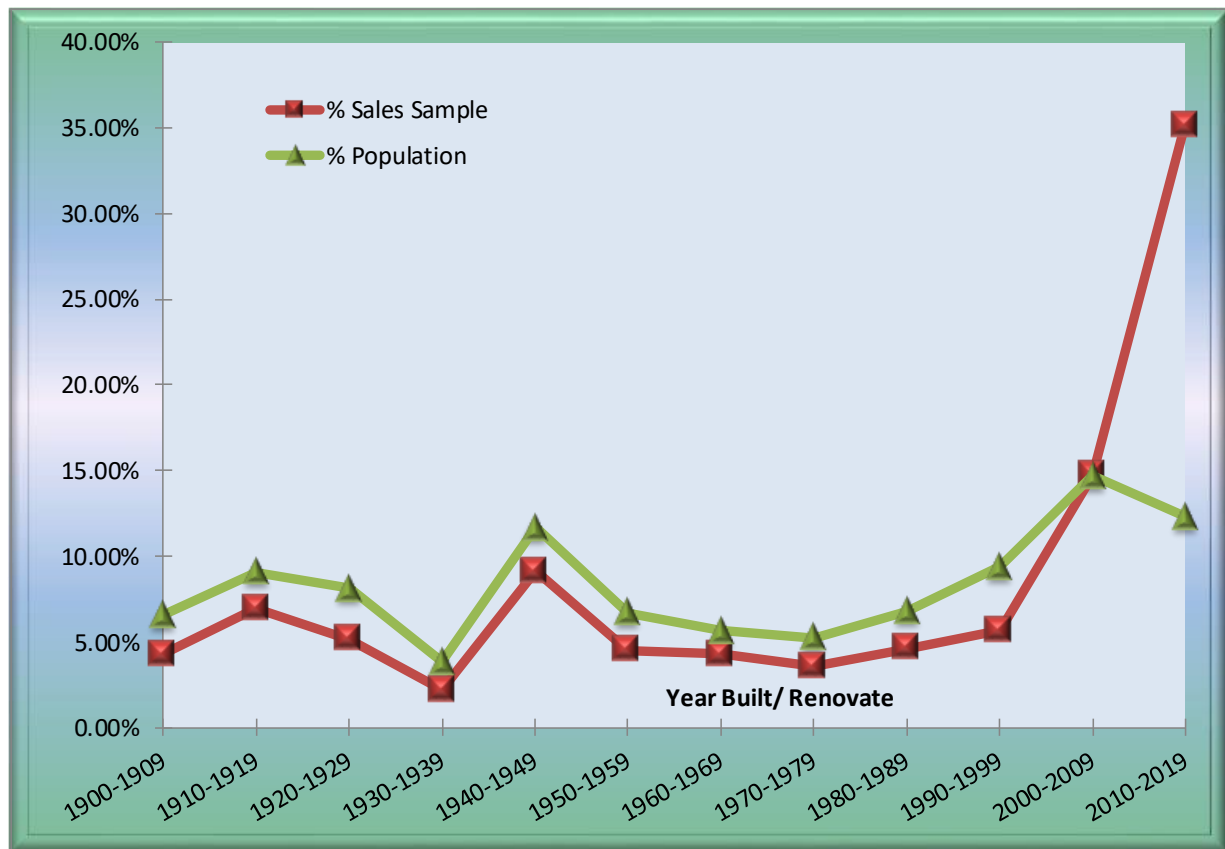
Sales Sample Representation of Population Year Built or Renovated

Sales Sample

Year Built/Ren	Frequency	% Sales Sample
1900-1909	41	4.28%
1910-1919	66	6.90%
1920-1929	49	5.12%
1930-1939	21	2.19%
1940-1949	87	9.09%
1950-1959	43	4.49%
1960-1969	41	4.28%
1970-1979	34	3.55%
1980-1989	44	4.60%
1990-1999	54	5.64%
2000-2009	141	14.73%
2010-2019	336	35.11%
	957	

Population

Year Built/Ren	Frequency	% Population
1900-1909	324	6.54%
1910-1919	449	9.07%
1920-1929	402	8.12%
1930-1939	190	3.84%
1940-1949	578	11.67%
1950-1959	332	6.70%
1960-1969	280	5.65%
1970-1979	260	5.25%
1980-1989	336	6.79%
1990-1999	464	9.37%
2000-2009	727	14.68%
2010-2019	610	12.32%
	4,952	



Sales of new homes built over the last few years are over represented in this sample.

This is a common occurrence due to the fact that most new homes will sell shortly after completion. This over representation was found to lack statistical significance during the modeling process.



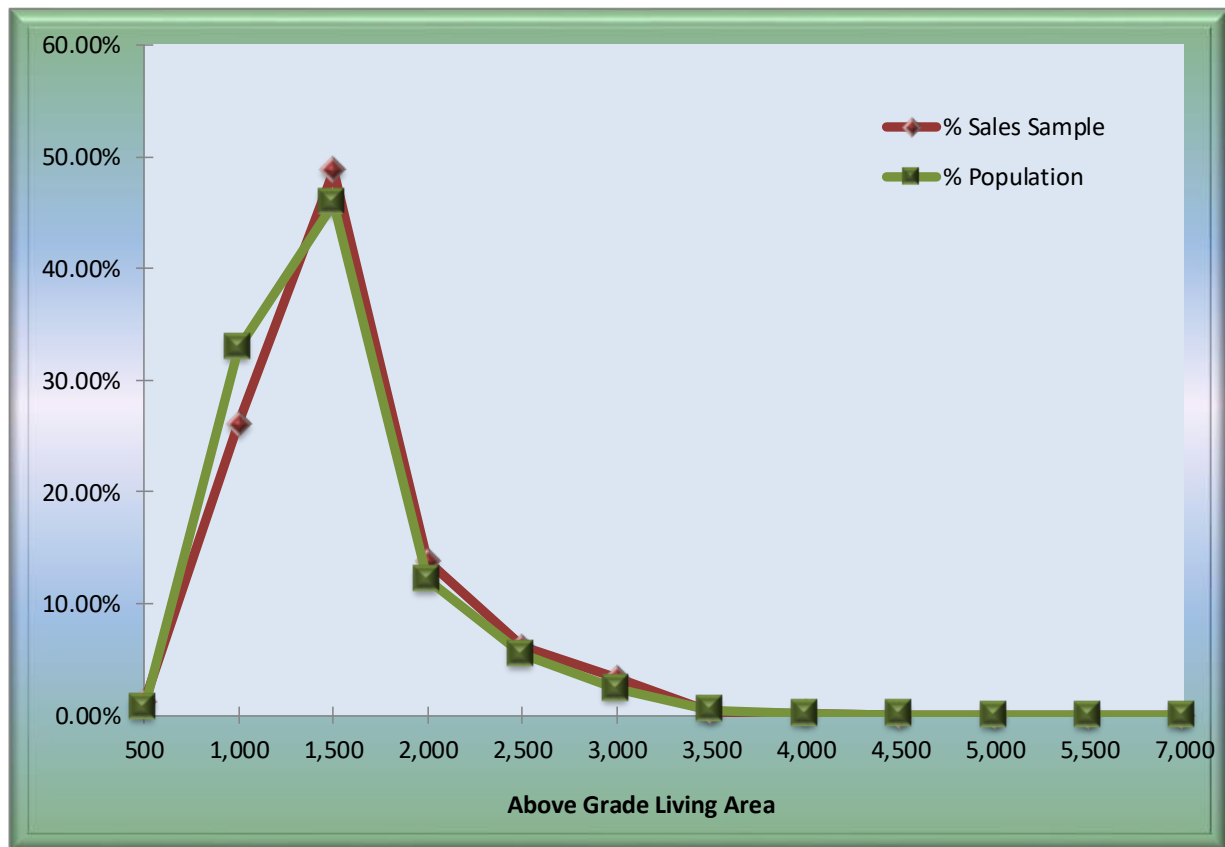
Sales Sample Representation of Population Above Grade Living Area

Sales Sample

AGLA	Frequency	% Sales Sample
500	12	1.25%
1,000	250	26.12%
1,500	467	48.80%
2,000	132	13.79%
2,500	59	6.17%
3,000	32	3.34%
3,500	3	0.31%
4,000	2	0.21%
4,500	0	0.00%
5,000	0	0.00%
5,500	0	0.00%
7,000	0	0.00%
957		

Population

AGLA	Frequency	% Population
500	34	0.69%
1,000	1,627	32.86%
1,500	2,271	45.86%
2,000	602	12.16%
2,500	268	5.41%
3,000	117	2.36%
3,500	23	0.46%
4,000	6	0.12%
4,500	2	0.04%
5,000	0	0.00%
5,500	1	0.02%
7,000	1	0.02%
4,952		



The sales sample frequency distribution follows the population distribution very closely with regard to Above Grade Living Area (AGLA). This distribution is ideal for both accurate analysis and appraisals.



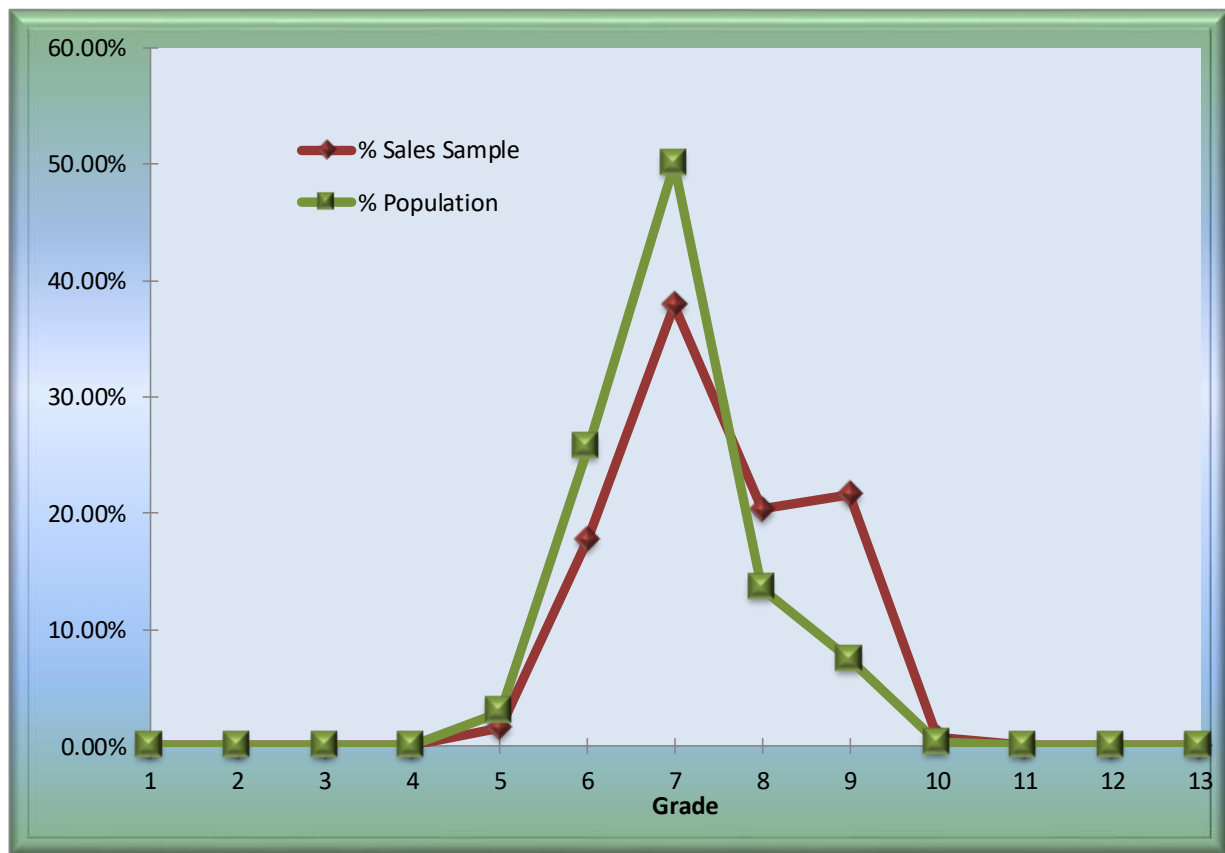
Sales Sample Representation of Population Building Grade

Sales Sample

Grade	Frequency	% Sales Sample
1	0	0.00%
2	0	0.00%
3	0	0.00%
4	0	0.00%
5	15	1.57%
6	170	17.76%
7	363	37.93%
8	195	20.38%
9	207	21.63%
10	7	0.73%
11	0	0.00%
12	0	0.00%
13	0	0.00%
957		

Population

Grade	Frequency	% Population
1	0	0.00%
2	0	0.00%
3	0	0.00%
4	3	0.06%
5	146	2.95%
6	1,271	25.67%
7	2,477	50.02%
8	672	13.57%
9	368	7.43%
10	14	0.28%
11	1	0.02%
12	0	0.00%
13	0	0.00%
4,952		



The sales sample frequency distribution follows the population distribution fairly closely with regard to Building Grades. This distribution is adequate for both accurate analysis and appraisals.



Area 018 Market Value Changes Over Time

In a changing market, recognition of a sales trend to adjust a population of sold properties to a common date is required to allow for value differences over time. Market conditions prevalent in the last three years indicated that the best methodology for tracking market movement through time is a modeling technique using splines. Put simply, this is a way of drawing best fit lines through the data points in situations where there may be several different trends going on at different times. Splines are the use of two or more straight lines to approximate trends and directions in the market. Splines are best suited to react to the sudden market changes. To create larger and more reliable data sets for time trending, it was necessary in most instances to combine geographic areas that were performing similarly in the marketplace. The following chart shows the % time adjustment required for sales to reflect the indicated market value as of the assessment date, **January 1, 2020**.

The time adjustment formula for Area 018 is: $((1.21173645424251 - 0.000316236606520125 * ((\text{SaleDate} \leq 43296) * \text{SaleDate} + (\text{SaleDate} > 43296) * 43296 - 43831) + 0.00104307740483472 * ((\text{SaleDate} \geq 43296) * (\text{SaleDate} \leq 43374) * \text{SaleDate} + (\text{SaleDate} < 43296) * 43296 + (\text{SaleDate} > 43374) * 43374 - 43831) - 0.0000852551990033331 * ((\text{SaleDate} \geq 43374) * \text{SaleDate} + (\text{SaleDate} < 43374) * 43374 - 43831)) / (1.21173645424251 - 0.000316236606520125 * (-535) + 0.00104307740483472 * (-457))$

For example, a sale of \$650,000 which occurred on October 1, 2018 would be adjusted by the time trend factor of 1.043, resulting in an adjusted value of \$678,000 ($\$650,000 * 1.043 = \$678,000$) – truncated to the nearest \$1000.

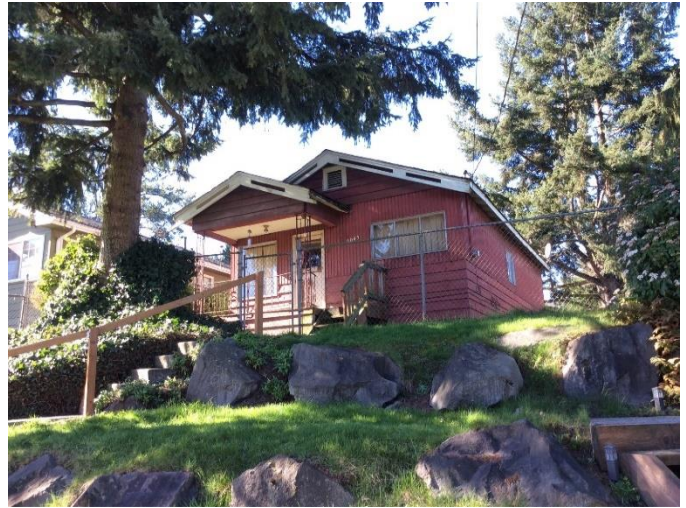
Area 018 Market Value Changes Over Time...continued

SaleDate	Adjustment (Factor)	Equivalent Percent
1/1/2017	1.149	14.9%
2/1/2017	1.138	13.8%
3/1/2017	1.128	12.8%
4/1/2017	1.117	11.7%
5/1/2017	1.107	10.7%
6/1/2017	1.096	9.6%
7/1/2017	1.086	8.6%
8/1/2017	1.075	7.5%
9/1/2017	1.064	6.4%
10/1/2017	1.053	5.3%
11/1/2017	1.043	4.3%
12/1/2017	1.032	3.2%
1/1/2018	1.021	2.1%
2/1/2018	1.010	1.0%
3/1/2018	1.001	0.1%
4/1/2018	0.990	-1.0%
5/1/2018	0.979	-2.1%
6/1/2018	0.968	-3.2%
7/1/2018	0.958	-4.2%
8/1/2018	0.973	-2.7%
9/1/2018	1.008	0.8%
10/1/2018	1.043	4.3%
11/1/2018	1.040	4.0%
12/1/2018	1.037	3.7%
1/1/2019	1.034	3.4%
2/1/2019	1.031	3.1%
3/1/2019	1.029	2.9%
4/1/2019	1.026	2.6%
5/1/2019	1.023	2.3%
6/1/2019	1.020	2.0%
7/1/2019	1.017	1.7%
8/1/2019	1.014	1.4%
9/1/2019	1.012	1.2%
10/1/2019	1.009	0.9%
11/1/2019	1.006	0.6%
12/1/2019	1.003	0.3%
1/1/2020	1.000	0.0%

Area 018 – Housing Profile



Grade 4/ Year Built 1929/ TLA 370 SF



Grade 5/ Year Built 1928/ TLA 640 SF



Grade 6/ Year Built 1946/ TLA 700 SF



Grade 7/ Year Built 1949/ TLA 1060 SF



Grade 7 (Townhouses)/ Year Built 2007/ TLA 1350 SF



Grade 8/ Year Built 1998/ TLA 2040 SF

Area 018 Housing Profile ...continued



Grade 8 (Townhouse)/ Year Built 2009/ 1250 SF



Grade 9/ Year Built 2014/ 3590 SF



Grade 9 (Townhouse)/ Year Built 2014/ 1620 SF



Grade 10/ Year Built 2014/ 2440 SF

Glossary for Improved Sales

Condition: Relative to Age and Grade

1= Poor	Many repairs needed. Showing serious deterioration.
2= Fair	Some repairs needed immediately. Much deferred maintenance.
3= Average	Depending upon age of improvement; normal amount of upkeep for the age of the home.
4= Good	Condition above the norm for the age of the home. Indicates extra attention and care has been taken to maintain.
5= Very Good	Excellent maintenance and updating on home. Not a total renovation.

Residential Building Grades

Grades 1 - 3	Falls short of minimum building standards. Normally cabin or inferior structure.
Grade 4	Generally older low quality construction. Does not meet code.
Grade 5	Lower construction costs and workmanship. Small, simple design.
Grade 6	Lowest grade currently meeting building codes. Low quality materials, simple designs.
Grade 7	Average grade of construction and design. Commonly seen in plats and older subdivisions.
Grade 8	Just above average in construction and design. Usually better materials in both the exterior and interior finishes.
Grade 9	Better architectural design, with extra exterior and interior design and quality.
Grade 10	Homes of this quality generally have high quality features. Finish work is better, and more design quality is seen in the floor plans and larger square footage.
Grade 11	Custom design and higher quality finish work, with added amenities of solid woods, bathroom fixtures and more luxurious options.
Grade 12	Custom design and excellent builders. All materials are of the highest quality and all conveniences are present.
Grade 13	Generally custom designed and built. Approaching the Mansion level. Large amount of highest quality cabinet work, wood trim and marble; large entries.



Uniform Standards of Professional Appraisal Practice Compliance

Client and Intended Use of the Appraisal:

This mass appraisal report is intended for use by the public, King County Assessor and other agencies or departments administering or confirming ad valorem property taxes. Use of this report by others for other purposes is not intended by the appraiser. The use of this appraisal, analyses and conclusions is limited to the administration of ad valorem property taxes in accordance with Washington State law. As such it is written in concise form to minimize paperwork. The assessor intends that this report conform to the Uniform Standards of Professional Appraisal Practice (USPAP) requirements for a mass appraisal report as stated in USPAP Standard 6. To fully understand this report the reader may need to refer to the Assessor's Property Record Files, Assessors Real Property Data Base, separate studies, Assessor's Procedures, Assessor's field maps, Revalue Plan and the statutes.

The purpose of this report is to explain and document the methods, data and analysis used in the revaluation of King County. King County is on a six year physical inspection cycle with annual statistical updates. The revaluation plan is approved by Washington State Department of Revenue. The Revaluation Plan is subject to their periodic review.

Definition and date of value estimate:

Market Value

The basis of all assessments is the true and fair value of property. True and fair value means market value (Spokane etc. R. Company v. Spokane County, 75 Wash. 72 (1913); Mason County Overtaxed, Inc. v. Mason County, 62 Wn. 2d (1963); AGO 57-58, No. 2, 1/8/57; AGO 65-66, No. 65, 12/31/65).

The true and fair value of a property in money for property tax valuation purposes is its "market value" or amount of money a buyer willing but not obligated to buy would pay for it to a seller willing but not obligated to sell. In arriving at a determination of such value, the assessing officer can consider only those factors which can within reason be said to affect the price in negotiations between a willing purchaser and a willing seller, and he must consider all of such factors. (AGO 65,66, No. 65, 12/31/65)

Retrospective market values are reported herein because the date of the report is subsequent to the effective date of valuation. The analysis reflects market conditions that existed on the effective date of appraisal.

Highest and Best Use

RCW 84.40.030

All property shall be valued at one hundred percent of its true and fair value in money and assessed on the same basis unless specifically provided otherwise by law.

An assessment may not be determined by a method that assumes a land usage or highest and best use not permitted, for that property being appraised, under existing zoning or land use planning ordinances or statutes or other government restrictions.

WAC 458-07-030 (3) True and fair value -- Highest and best use.



Unless specifically provided otherwise by statute, all property shall be valued on the basis of its highest and best use for assessment purposes. Highest and best use is the most profitable, likely use to which a property can be put. It is the use which will yield the highest return on the owner's investment. Any reasonable use to which the property may be put may be taken into consideration and if it is peculiarly adapted to some particular use, that fact may be taken into consideration. Uses that are within the realm of possibility, but not reasonably probable of occurrence, shall not be considered in valuing property at its highest and best use.

If a property is particularly adapted to some particular use this fact may be taken into consideration in estimating the highest and best use. (Samish Gun Club v. Skagit County, 118 Wash. 578 (1922))

The present use of the property may constitute its highest and best use. The appraiser shall, however, consider the uses to which similar property similarly located is being put. (Finch v. Grays Harbor County, 121 Wash. 486 (1922))

The fact that the owner of the property chooses to use it for less productive purposes than similar land is being used shall be ignored in the highest and best use estimate. (Samish Gun Club v. Skagit County, 118 Wash. 578 (1922))

Where land has been classified or zoned as to its use, the county assessor may consider this fact, but he shall not be bound to such zoning in exercising his judgment as to the highest and best use of the property. (AGO 63-64, No. 107, 6/6/64)

Date of Value Estimate

RCW 84.36.005

All property now existing, or that is hereafter created or brought into this state, shall be subject to assessment and taxation for state, county, and other taxing district purposes, upon equalized valuations thereof, fixed with reference thereto on the first day of January at twelve o'clock meridian in each year, excepting such as is exempted from taxation by law.

RCW 36.21.080

The county assessor is authorized to place any property that is increased in value due to construction or alteration for which a building permit was issued, or should have been issued, under chapter 19.27, 19.27A, or 19.28 RCW or other laws providing for building permits on the assessment rolls for the purposes of tax levy up to August 31st of each year. The assessed valuation of the property shall be considered as of July 31st of that year.

Reference should be made to the property card or computer file as to when each property was valued. Sales consummating before and after the appraisal date may be used and are analyzed as to their indication of value at the date of valuation. If market conditions have changed then the appraisal will state a logical cutoff date after which no market date is used as an indicator of value.



Property Rights Appraised: Fee Simple

Wash Constitution Article 7 § 1 Taxation:

All taxes shall be uniform upon the same class of property within the territorial limits of the authority levying the tax and shall be levied and collected for public purposes only. The word "property" as used herein shall mean and include everything, whether tangible or intangible, subject to ownership. All real estate shall constitute one class.

Trimble v. Seattle, 231 U.S. 683, 689, 58 L. Ed. 435, 34 S. Ct. 218 (1914)

...the entire [fee] estate is to be assessed and taxed as a unit...

Folsom v. Spokane County, 111 Wn. 2d 256 (1988)

...the ultimate appraisal should endeavor to arrive at the fair market value of the property as if it were an unencumbered fee...

The Dictionary of Real Estate Appraisal, 3rd Addition, Appraisal Institute.

Absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power, and escheat.

Assumptions and Limiting Conditions:

1. No opinion as to title is rendered. Data on ownership and legal description were obtained from public records. Title is assumed to be marketable and free and clear of all liens and encumbrances, easements and restrictions unless shown on maps or property record files. The property is appraised assuming it to be under responsible ownership and competent management and available for its highest and best use.
2. No engineering survey has been made by the appraiser. Except as specifically stated, data relative to size and area were taken from sources considered reliable, and no encroachment of real property improvements is assumed to exist.
3. No responsibility for hidden defects or conformity to specific governmental requirements, such as fire, building and safety, earthquake, or occupancy codes, can be assumed without provision of specific professional or governmental inspections.
4. Rental areas herein discussed have been calculated in accord with generally accepted industry standards.
5. The projections included in this report are utilized to assist in the valuation process and are based on current market conditions and anticipated short term supply demand factors. Therefore, the projections are subject to changes in future conditions that cannot be accurately predicted by the appraiser and could affect the future income or value projections.
6. The property is assumed uncontaminated unless the owner comes forward to the Assessor and provides other information.
7. The appraiser is not qualified to detect the existence of potentially hazardous material which may or may not be present on or near the property. The existence of such substances may have an effect on the value of the property. No consideration has been given in this analysis to any potential diminution in value should such hazardous materials be found (unless specifically noted). We urge the taxpayer to retain an expert in the field and submit data affecting value to the assessor.
8. No opinion is intended to be expressed for legal matters or that would require specialized investigation or knowledge beyond that ordinarily employed by real estate appraisers, although such matters may be discussed in the report.



9. Maps, plats and exhibits included herein are for illustration only, as an aid in visualizing matters discussed within the report. They should not be considered as surveys or relied upon for any other purpose.
10. The appraisal is the valuation of the fee simple interest. Unless shown on the Assessor's parcel maps, easements adversely affecting property value were not considered.
11. An attempt to segregate personal property from the real estate in this appraisal has been made.
12. Items which are considered to be "typical finish" and generally included in a real property transfer, but are legally considered leasehold improvements are included in the valuation unless otherwise noted.
13. The movable equipment and/or fixtures have not been appraised as part of the real estate. The identifiable permanently fixed equipment has been appraised in accordance with RCW 84.04.090 and WAC 458-12-010.
14. I have considered the effect of value of those anticipated public and private improvements of which I have common knowledge. I can make no special effort to contact the various jurisdictions to determine the extent of their public improvements.
15. Exterior inspections were made of all properties in the physical inspection areas (outlined in the body of the report) however; due to lack of access and time few received interior inspections.

Scope of Work Performed:

Research and analyses performed are identified in the body of the revaluation report. The assessor has no access to title reports and other documents. Because of legal limitations we did not research such items as easements, restrictions, encumbrances, leases, reservations, covenants, contracts, declarations and special assessments. Disclosure of interior home features and, actual income and expenses by property owners is not a requirement by law therefore attempts to obtain and analyze this information are not always successful. The mass appraisal performed must be completed in the time limits indicated in the Revaluation Plan and as budgeted. The scope of work performed and disclosure of research and analyses not performed are identified throughout the body of the report.

Certification:

I certify that, to the best of my knowledge and belief:

- The statements of fact contained in this report are true and correct
- The report analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions and are my personal, impartial, and unbiased professional analyses, opinions, and conclusions.
- I have no present or prospective interest in the property that is the subject of this report and no personal interest with respect to the parties involved.
- I have no bias with respect to the property that is the subject of this report or to the parties involved.
- My engagement in this assignment was not contingent upon developing or reporting predetermined results.
- My compensation for completing this assignment is not contingent upon the development or reporting of predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal.
- My analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice.
- The area(s) physically inspected for purposes of this revaluation are outlined in the body of this report.
- The individuals listed below were part of the "appraisal team" and provided significant real property appraisal assistance to the person signing this certification. Any services regarding the subject area performed by the appraiser within the prior three years, as an appraiser or in any other capacity is listed adjacent their name.

None

Any services regarding the subject area performed by me within the prior three years, as an appraiser or in any other capacity is listed below:

To the best of my knowledge the following services were performed by me within the subject area in the last three years:

- Annual Update Model Development and Report Preparation
- Data Collection
- Sales Verification
- Appeals Response Preparation / Review
- Physical Inspection Model Development and Report Preparation
- Land and total Valuation
- New Construction Evaluation

Raj Ladhy

5/4/2020

Appraiser II

Date



King County

Department of Assessments

King County Administration Bldg.
500 Fourth Avenue, ADM-AS-0708
Seattle, WA 98104-2384
(206) 296-7300 FAX (206) 296-0595
Email: assessor.info@kingcounty.gov

John Wilson Assessor

As we start preparations for the 2020 property assessments, it is helpful to remember that the mission and work of the Assessor's Office sets the foundation for efficient and effective government and is vital to ensure adequate funding for services in our communities. Maintaining the public's confidence in our property tax system requires that we build on a track record of fairness, equity, and uniformity in property assessments. Though we face ongoing economic challenges, I challenge each of us to seek out strategies for continuous improvement in our business processes.

Please follow these standards as you perform your tasks.

- Use all appropriate mass appraisal techniques as stated in Washington State Laws, Washington State Administrative Codes, Uniform Standards of Professional Appraisal Practice (USPAP), and accepted International Association of Assessing Officers (IAAO) standards and practices.
- Work with your supervisor on the development of the annual valuation plan and develop the scope of work for your portion of appraisal work assigned, including physical inspections and statistical updates of properties;
- Where applicable, validate correctness of physical characteristics and sales of all vacant and improved properties.
- Appraise land as if vacant and available for development to its highest and best use. The improvements are to be valued at their contribution to the total in compliance with applicable laws, codes and DOR guidelines. The Jurisdictional Exception is applied in cases where Federal, State or local laws or regulations preclude compliance with USPAP;
- Develop and validate valuation models as delineated by IAAO standards: Standard on Mass Appraisal of Real Property and Standard on Ratio Studies. Apply models uniformly to sold and unsold properties, so that ratio statistics can be accurately inferred to the entire population.
- Time adjust sales to January 1, 2020 in conformance with generally accepted appraisal practices.
- Prepare written reports in compliance with USPAP Standard 6 for Mass Appraisals. The intended users of your appraisals and the written reports include the public, Assessor, the Boards of Equalization and Tax Appeals, and potentially other governmental jurisdictions. The intended use of the appraisals and the written reports is the administration of ad valorem property taxation.

Thank you for your continued hard work on behalf of our office and the taxpayers of King County. Your dedication to accurate and fair assessments is why our office is one of the best in the nation.

John Wilson
King County Assessor

