

Technical Appendix D

Growth Targets and the Urban Growth Area

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I. Abstract

This appendix provides an analysis of growth trends in order to review the size and location of the King County Urban Growth Area (UGA). The appendix discusses the factors that contribute to review of the drawing of the UGA to accommodate projected population growth by 2022 pursuant to the state Growth Management Act (GMA). The relevant information for this study came from reports of the various technical committees assigned to provide data for the UGA, the Countywide Planning Policies, the Environmental Impact Statements of the Countywide Planning Policies and the King County Comprehensive Plan, the Buildable Lands amendment to the GMA, the VISION 2040 plan of the Puget Sound Regional Council, and a review of the work of other jurisdictions developing similar policies throughout the country.

Appendix D was originally prepared in 1994 and updated in 2004 and 2008. This Appendix D-~~2008~~2012 supplements the original with new information. The analysis was updated in 2004 and 2008 to reflect four changes since 1994:

- Growth of population, housing units and jobs in the years since 1994;
- New population forecasts prepared by Washington State in early 2002 and 2007;
- The King County Buildable Lands Report, completed in ~~September 2002~~ and 2007 pursuant to the 1997 Buildable Lands amendment to the GMA; and
- New principles for allocating growth, specifically that each jurisdiction accommodate a share of the forecasted growth and that population and job growth should be in balance.

This Appendix D-~~2004~~2012 incorporates the original Appendix D by reference, but does not address issues already covered by the original, such as delineation of the UGA. Therefore, it supplements but does not replace Appendix D. This revised Appendix describes modifications to the assumptions and methodology used to extend the original growth targets ~~ten years to 2022~~beyond 2012.

In 2002, and again in 2007, King County and its cities compiled land supply, land capacity and density data and submitted an evaluation report under the Buildable Lands amendment to the GMA. This report contained current measures of land capacity, revised to represent adopted plans and zoning throughout King County. This updated, more accurate land Supply information was combined with the updated land Demand information from State forecasts, in order to review the size and adequacy of the UGA.

The King County UGA is sized to adequately accommodate projected growth while also accounting for unpredictable circumstances that could alter the calculated supply of buildable land or the number of households needed to accommodate projected population growth. The location of the UGA takes in areas of the County that already have urban services or have solid commitments for urban services, and as a result, would be inconsistent with the criteria for rural land. ~~A second round of~~ The most recent Buildable Lands information, completed in September 2007, affirms the adequacy of the existing UGA to accommodate all of the county's projected growth through 2022 and beyond. This is true both for the entire Urban Growth Area and for the unincorporated portions of the UGA.

II. Background

The Countywide Planning Policies established a framework UGA for King County. King County designated a final UGA in its 1994 Comprehensive Plan based on this framework. Each city within King County is responsible for determining, through its comprehensive plan, land use within its borders. King County is responsible for establishing land use in the unincorporated portion of the UGA through its comprehensive plan.

Key factors used in setting the UGA include population forecasts, growth targets, and land capacity. **Population forecasts** are predictions about future behavior based on past trends. **Growth targets** are a jurisdiction's policy statement on how many net new households it intends to accommodate in the future based on population forecasts and the expected size of the average household. **Land capacity** is derived from an estimate of vacant land plus the redevelopment potential of land already partially developed or underutilized. **Discount factors** are applied to the estimate of land capacity to account for probable constraints to actually developing the land.

Forecasts are useful as an indicator of the potential future demand for land. Targets follow the development of specific goals and objectives for future growth and, under the GMA, they must be supported by commitment of funds, incentives, and regulations. Discounted capacity is a realistic estimate of how much growth may be accommodated in a geographic area.

Under the GMA, each county is required to accommodate 20 years of population growth. Counties are to establish UGAs "within which urban growth shall be encouraged and outside of which growth can occur only if it is not urban in nature" (RCW 36.70A.110(1)). Further based on OFM population projections, the GMA requires the UGA to "include areas and densities sufficient to permit the urban growth that is projected to occur in the county for the succeeding twenty-year period" (RCW 36.70A.110(2)). As specified in RCW 36.70A.110(1), all cities are places for urban growth and, by law, must be included within the Countywide UGA. In addition, unincorporated areas may be included within the UGA "only if such territory already is characterized by urban growth or is adjacent to territory already characterized by urban growth". Each UGA also shall include greenbelt and open space areas (RCW 36.70A.110(2)).

Several GMA goals, such as those dealing with affordable housing, economic development, open space, recreation, and the environment, have an important bearing on these UGA requirements. These goals need to be balanced with those which encourage efficient urban growth and discourage urban sprawl.

The so-called "concurrency" goal for public facilities and services directs jurisdictions to ensure that "those public facilities and services necessary to support development shall be adequate to serve the development at the time the development is available for occupancy without decreasing current service levels below locally established minimum standards" (RCW 36.70A.020(12)). Ensuring adequate land for industrial and commercial development and providing enough land to allow for choices in where people live will help advance economic development and maintain housing affordability. If the UGA is adequately sized, then pressures to develop on environmentally constrained land and on areas set-aside for open space are reduced. These factors must be balanced with the goal of reducing urban sprawl when determining the UGA.

III. Size of the Urban Growth Area

A. Growth to be Accommodated

1. Projected Countywide Household Growth

The Growth Management Act (GMA), adopted in 1990, requires Washington State counties to accommodate forecasted growth, to allocate that growth among their jurisdictions and to designate Urban and Rural areas. In King County, the allocation takes the form of “growth targets” for household/housing unit and job growth over a 20-year or 22-year Growth Management period. The first set of growth targets was enacted by King County through the Countywide Planning Policies in 1994. For the period 1992 to 2012, the targets specified a range of household and job growth each city and the unincorporated area were expected to accommodate. These targets allowed King County jurisdictions collectively to accommodate the 293,100 additional people forecasted for the period 1992 to 2012.

The GMA requires a ten-year update of Growth Management plans. During the period since the first set of targets were adopted, six new cities have incorporated in King County, and other cities have annexed large areas. By the time of the 2000 Census, King County had 173,000 more residents than in 1994. Furthermore, in January 2002 and again in 2007, the Washington State Office of Financial Management (OFM) ~~promulgated~~ released a new set of population forecasts for whole counties, out to 2030. ~~beyond 2020. The new forecast began from a year 2000 US Census base, and indicated a most likely growth of 311,500 persons in King County during the 22 year period 2000 to 2022. These changes prompted an 18 month process in King County to develop new growth targets for each jurisdiction.~~

It is important to note that the 2002 and 2007 OFM forecasts ratified the accuracy of earlier forecasts, of the adopted targets, and of the 1994 delineation of the Urban Growth Area (UGA). King County population growth since 1994 has tracked well against OFM's 1992 forecast which was the basis for the 1994 Comprehensive Plan targets and UGA. Therefore, no radical change to the targets is necessary – only an extension to accommodate another ten years of growth.

Land use decisions are more closely dependent on the expected growth in households and dwelling units than on simple population forecasts. As a result, the OFM population forecast of an additional ~~311,500~~ 469,000 people by ~~2022~~2031 must be translated into a number of additional households in order to be meaningful for purposes of land use planning. Household size is an estimate of the number of people expected to live in each dwelling unit and is used to calculate how many new households will be needed to accommodate the expected increase in population. The paragraphs below explain how analysis of forecasts and household sizes resulted in the translation of the OFM population forecast into new household and job growth targets for 202231.

The Growth Management Planning Council, made up of elected officials representing King County jurisdictions, appointed a committee of planning directors and other city and county staff to plan methodology and develop new targets, for both the 2002 and post-2007 target updates. ~~The committee began its work in 2001 even before the new OFM forecasts were prepared. By the time~~

~~OFM released the new numbers in January 2002, principles and a methodology had already been agreed upon. The committee's methodology grew out of two principles: that each jurisdiction would take a share of the County's required growth, and there would be an earnest attempt to balance household and job growth in broad subareas of the County clusters of jurisdictions.~~

~~Base year information from the 2000 Census was available for King County jurisdictions. The committee determined that a ten-year extension of targets to 2022 was needed, so a 22-year time frame was agreed upon. The methodology began by removing "group quarters" (institutional) population from consideration, since such population does not constitute households living in housing units. The methodology also removed Rural areas from consideration as locations of growth. This assumed Rural areas will gain only a small share of total household growth – 6,000 new households or four percent of total growth, later reduced to three percent – consistent with recent trends. Remaining steps of the methodology focused on the Urban Growth Area, in order to accommodate the projected growth there. See Summary of Methodology below.~~

Table 4	Population 2000	Population 2022	-22-year Change	Notes
Total Population	1,737,000	2,048,500	+ 311,500	a.
less Group Quarters	- 37,600	- 55,400	- 17,800	b.
= Pop. in households	1,699,400	1,993,100	293,700	
less Rural population	- 137,000	- 148,700	- 11,700	c.
= Urban pop. to allocate	1,562,400	1,844,400	282,000	d.

Notes:
 a. Population forecast for 2022 from WA State OFM, Jan 2002.
 b. Group quarters (institutional population) forecasted to increase approx. 50%.
 c. Rural areas forecasted to take 4% of countywide household growth.
 d. Urban population growth to allocate over 22 year period 2000 – 2022.
 All numbers are rounded.
 Sources: WA State Office of Financial Management 2002, US Census and King County.

Table A	Population 2006	Population 2031	25-year Change	Notes
Total Population	1,835,000	2,304,300	+ 469,300	a.
less Group Qtrs.	- 38,000	- 57,500	- 19,500	b.
= Pop. in HHolds	1,797,000	2,246,800	449,800	
divided by HHsize	2.36	2.26	-0.19	c.
= households	761,400	994,000	+ 232,600	
+ vacancy rate	4.8%	4.3%		d.
= housing units	799,800	1,038,400	+ 238,600	
less Rural	48,000	53,400	5,400	e.
= Urban housg units	751,800	985,000	+ 233,200	f.

Notes:
 a. Source of countywide population forecast: OFM Dec 2007, and Vision 2040.
 b. Group quarters (institutional population) forecasted to increase approx 50%.

- c. Average household size forecasted to decrease moderately.
 - d. Vacancy rates, currently high, forecasted to return to historical averages.
 - e. Rural areas are projected to take 3% of countywide population growth
 - f. Urban housing units to allocate: + 233,200 housing units over 25 years 2006-2031.
- All numbers are rounded.

Sources: US Census, OFM, King County Targets Committee, and King County PSB.

2. Allocation of Population, Housing and Job Growth within King County

The Urban Growth Area (UGA) was divided into three contiguous subareas (Seattle Shoreline; the Eastside; South King County) and a fourth subarea consisting of six Rural Cities and their immediate surroundings. [See map on page D-12] Shares of population and household growth were equated to shares of forecasted job growth in each of the three contiguous Urban subareas.

Specifically, the methodology consists of the following steps:

1. Utilize PSRC jobs forecast by subarea
2. Distribute population to subareas in proportion to jobs forecast
3. Predict future household size in each King County subarea
4. Use household size to calculate new households needed to accommodate 2001-2022 population in each subarea
5. Assign household targets among the jurisdictions within each subarea.

Each of these steps is detailed below, with references to tables in the text.

Table 2

Job Forecast by KC Subarea		
Subarea	Change in jobs 2001-2022	Percentage distribution
SeaShore	95,850	33%
East KC	103,250	35%
South KC	89,500	30%
Rural Cities	5,250	2%
Total	293,850	100%

Table 3

Population Distribution by KC Urban Subarea				
Subarea	Percentage distribution	Population distribution*	2000 existing population	Total 2022 population
SeaShore	33%	91,985	633,200	725,200
East KC	35%	99,086	385,100	484,200
South KC	30%	85,891	520,800	606,700
Rural Cities	2%	5,038	23,500	28,500
Total	100%	282,000	1,562,600	1,844,600

*Not 22-year population growth in Urban households.

1. Forecasts of job growth from the Puget Sound Regional Council (PSRC) were used to determine shares of job growth in each Urban subarea. The most recent forecast available was PSRC's "Working Draft Forecast, 2001." The forecast indicated a countywide total growth of almost 294,000 jobs, with shares by subarea as shown in Table 2 above.
2. The table displays the percentage of job growth each subarea is predicted to receive. The same percentage was applied to population growth for each subarea, in order to maintain a rough balance of workers and jobs in each subarea. See Table 3.
3. The committee undertook detailed analysis of household size trends. Household size declined rapidly during the 1970s and 1980s, with the effect that the number of housing units and households grew at a faster rate than population. That required many new

households to hold a given amount of population growth. During the 1990s, household sizes stabilized at about 2.39. If such stability were to continue, fewer new households would be needed to accommodate a given future population. The committee concluded a middle path, that average household size would edge downward from the current 2.39 to 2.30 by the forecast year 2022. The committee further concluded that it was reasonable to expect each of the four Urban subareas to experience a similar slight decrease in household size of about 3.8% over the 22-year forecast period. See Table 4.

4. The predicted future household sizes by subarea were applied to the forecasted subarea populations (see Table 5 below) to derive future predicted households in each subarea. The 2022 Urban population can be housed in 811,000 households — an increase of 148,600 over the current number of households. The right hand column of Table 5 shows the minimum number of added households required in each Urban subarea. Including the Rural and Group Quarters population, the 2022 OFM forecast of 2,048,000 can be accommodated in 866,500 households — an increase of 156,000 from the 2000 Census and only 36,000 households more than the original 2012 target number.
5. The last step was to allocate the subarea growth targets to individual jurisdictions in each subarea. The subarea household growth totals (Table 5) were used as a guide except in the Rural Cities subarea, whose jurisdictions agreed that a larger household growth target was more realistic. The Rural Cities total from the original targets, 5,563 households, was used instead, resulting in an Urban King County total of 151,932 households to be accommodated over the 22-year Growth Management period.

Through a process of analysis and negotiation within each subarea, household and job numbers were agreed upon that reflected each jurisdiction's ability to accommodate population and job growth. The primary resource for this analysis was the Buildable Lands information on residential and commercial-industrial land capacity completed in mid-2002.

Table 4

Household Size by KC Subarea		
Subarea	Persons/HH 2000	Persons/HH 2020
SeaShore	2.14	2.06
East KC	2.47	2.38
South KC	2.59	2.49
Rural Cities	2.61	2.51
Total	2.39	2.30

Table 5

New Households Needed to Accommodate 2000-2022 Population					
Subarea	Total 2022 Population	Persons/HH	2022 HH	2000 existing HH	New HH growth
SeaShore	725,200	2.06	352,569	296,200	56,369
East KC	484,200	2.38	203,445	155,800	47,645
South KC	606,700	2.49	243,655	201,300	42,355
Rural Cities	28,500	2.51	11,355	9,100	2,255
Total	1,844,600	2.30	811,024	662,400	148,624

Throughout the process, city and county staff collaborated effectively to reach agreeable conclusions. The whole process was marked by collegiality and regionwide thinking, and culminated in a set of recommended new household and job growth targets which were unanimously adopted on November 25, 2002 by the Growth Management Planning Council.

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New OFM and PSRC Forecasts and New Policy Guidance from Vision 2040

Washington State's Office of Financial Management released new population projections in 2007, which show King County growing at a faster rate than previously forecasted. OFM now projects one-third more growth by 2022 than its 2002 forecast predicted. Overall, for the extended planning period, the county is expected to grow by about 460,000 people between 2006 and 2031 to a total population of 2.3 million. OFM provides a range of forecasts from high to low, but King County has used the medium or what OFM deems the "most likely" forecast number. The medium forecast for King County in 2030 is about 2,263,000 persons.

The latest employment forecasts released by PSRC in 2006 show growth in the county, over this same 25-year period, of about 490,000 jobs to a total of about 1.7 million jobs in 2031. This is also an increase over the earlier employment targets which, over a somewhat shorter period, anticipate a 22-year increase of 289,000 jobs in King County.

The Puget Sound Regional Council recently adopted *VISION 2040*, a growth management, transportation, and economic development strategy for the 4-county region. With *VISION 2040*, the PSRC has amended its Multicounty Planning Policies (MPPs) to address coordinated action around a range of policy areas, including development patterns and the distribution of growth. The GMPC has also updated the Countywide Planning Policies in 2010 to address the policy guidance contained in the newly updated MPPs.

VISION 2040 also contains a Regional Growth Strategy that provides substantive guidance for planning for the roughly 1.7 million additional people and 1.2 million additional jobs expected in the region between 2000 and 2040. The strategy retains much of the discretion that counties and cities have in setting local targets, while calling for broad shifts in where growth locates within the region. It establishes six clusters of jurisdictions called "regional geographies" – four types of cities defined by size and status in the region and two unincorporated types, urban and rural.¹ In comparison to current targets and plans, the Strategy calls for:

- **Increasing** the amount of growth targeted to cities that contain regionally designated urban centers (to include both **Metropolitan Cities** and **Core Cities**)
- **Increasing** the amount of growth targeted to other **Larger Cities**
- **Decreasing** the amount of growth targeted to **Urban unincorporated areas**, **Rural** designated unincorporated areas, and to many **Small Cities**
- Achieving a greater **jobs-housing balance** within the region by shifting projected population growth into King County and shifting forecasted employment growth out of King County.

¹ Under *VISION 2040*, King County jurisdictions are clustered in six "regional geographies":

- Metropolitan Cities: Seattle, Bellevue
- Core Suburban Cities: Auburn, Bothell, Burien, Federal Way, Kent, Kirkland, Redmond, Renton, SeaTac, Tukwila
- Larger Suburban Cities: Des Moines, Issaquah, Kenmore, Maple Valley, Mercer Island, Sammamish, Shoreline, Woodinville
- Small Cities: Algona, Beaux Arts, Black Diamond, Carnation, Clyde Hill, Covington, Duvall, Enumclaw, Hunts Point, Lake Forest Park, Medina, Milton, Newcastle, Normandy Park, North Bend, Pacific, Skykomish, Snoqualmie, Yarrow Point
- Urban Unincorporated King County: all unincorporated within Urban Growth Area
- Rural Unincorporated King County: rural- and resource-designated areas outside UGA.

PROPOSED NEW GROWTH TARGETS, 2006 – 2031

To guide the required 2011 update of comprehensive plans, the GMPC approved a new set of housing and job growth targets for each King County jurisdiction, covering the 25-year period 2006 – 2031. The new updates to the targets, based on the new population projections from OFM and the requirements and policy framework contained in *VISION 2040*, will provide substantive guidance to cities so they can update their 20-year comprehensive plans. New growth targets would extend the countywide planning period horizon to 2031, 20 years beyond the originally-slated 2011 comprehensive plan update deadline. The new targets are organized by the Regional Geography categories in *VISION 2040*. This new geography *replaces* the 4 planning subareas—SeaShore, East County, South County, and Rural Cities—which provided a framework for allocating the targets in the earlier CPPs. Where the previous targets foster jobs-housing balance in the 4 subareas, the new target approach aims to achieve improved balance at the county level and within jurisdictions classified by Regional Geographies.

These new growth targets for King County will move toward achieving the desired pattern of growth laid out in *VISION 2040*, while recognizing the long-term nature of the regional land use goals and the many challenges involved in moving away from past growth patterns.

SUMMARY OF METHODOLOGY

Beginning in mid-2008, a committee of policy and technical staff from the county and cities convened to develop the updated growth targets as a collaborative effort. The committee brought a set of draft working targets for large areas—the county as a whole and Regional Geographies—to GMPC at its April 15 meeting. Subsequent to that meeting, the committee began the process of allocating the Regional Geography growth numbers to each individual jurisdiction and unincorporated subarea. The methodology used to generate the draft targets included the following steps and factors:

- **Establish target time frame.** The year 2031 was established as the target horizon year, giving cities a full 20-year planning period from the GMA update deadline of 2011. The year 2006 was used as a base year because of the availability of complete data, including Buildable Lands estimates. Notably, the proposed target ranges do not account for annexations since 2006.
- **Establish county total for population growth.** Assuming the 4-county region as a whole plans for the mid-range projection of population, King County gets 42% of the regional population growth through 2031, consistent with *VISION 2040*. The result: growth of 567,000 people between 2000 and 2031 to a total population of 2,304,000. This number represents a small shift of population to King County compared with OFM projections.
- **Establish county total for job growth.** Using the PSRC forecast of employment for the region, King County gets 58% of the regional employment growth through 2031, consistent with *VISION 2040*. The result: growth of 441,000 jobs between 2000 and 2031 to a total of 1,637,000 jobs. This number represents a shift of about 50,000 jobs out of King County to the other three counties in the region compared with current forecasts.

- **Allocate population to Regional Geographies** within the county, based closely on *VISION 2040*, but also accounting for factors such as recent growth trends and anticipated annexation of major PAAs.
- **Convert population to total 2031 housing units.** Housing units are the element that jurisdictions can regulate and monitor. Also, *VISION 2040* calls for housing unit targets for each regional geography and jurisdiction. This is a change from the current King County CPPs, which set targets for households. Total housing stock needed in 2031 was calculated based on the following assumptions:
 - assumed group quarter (institutions) rates, 2.5% of the year 2031 population;
 - assumed future average household size, 2.26 persons per household, a decline of 0.14 persons per household from the 2000 Census;
 - assumed vacancy rates to convert households into housing units, a countywide average of 4.3%.

Each of the assumptions was adjusted to fit the demographic and housing market differences between Regional Geographies.
- **Calculate housing growth need within Regional Geographies.** As a final step, the base year (2006) housing stock was subtracted from the total 2031 units to determine the net additional new housing units needed by 2031 in each Regional Geography.
- **Allocate employment growth to Regional Geographies** within the county, based closely on *VISION 2040*, and also accounting for employment changes since 2000.

The results of this process are shown in the tables below.

Table 1: Population by County

	Population	Population	Reg'l Growth Strategy	Population Change
Year:	2000	2030	2000-2040	2000-2031
King	1,737,000	2,263,000	42.3%	567,360
Snohomish	606,000	950,100	26.1%	349,510
Pierce	700,800	1,050,900	23.0%	307,970
Kitsap	232,000	314,600	8.7%	116,760
Region	3,275,800	4,578,600	100%	1,341,600

Table 2: Jobs by County

	Jobs	Jobs	Share of Job Growth	Job Change
Year:	2000	2030	2000-2040	2000-2031
King	1,196,043	1,664,780	57.7%	441,372
Snohomish	217,673	350,001	20.1%	153,754
Pierce	261,695	367,248	17.1%	130,805
Kitsap	84,632	115,649	5.1%	39,012
Region	1,760,043	2,497,678	100%	764,943

Table 3: Population and Housing by Regional Geography in King County

Regional Geography	Share of Pop Growth	25-Year Pop. Change	Group Quarters Share	Persons per Household	Vacancy Rate	Housing Units Needed
			2031	2031	2031	2006-2031
Metro Cities	44%	206,100	4.5%	2,035	4.7%	103,100
Core Sub Cities	30%	139,700	1.5%	2,260	4.4%	72,900
Larger Sub Cities	13%	62,200	1.9%	2,450	3.6%	29,000
Smaller Sub Cities	5%	22,700	0.5%	2,540	3.0%	10,800
Uninc Urban	5%	25,300	0.5%	2,600	3.0%	18,100
Rural	3%	13,000	0.5%	2,800	5.0%	5,400
King County Total	100%	469,000	2.5%	2.26	4.3%	239,200
UGA only:						233,800

Table 4: Jobs by Regional Geography in King County

Data:	Share of Future Job Growth	Total New Jobs	Adjusted for 2000-06 growth	Total New Jobs	Share of Job Growth
	2000-2040	2000-2031		2006-2031	2006-2031
Year:					
Metro Cities	45.2%	199,700	-	199,700	46.5%
Core Sub Cities	37.8%	166,700	-	166,700	38.8%
Larger Sub Cities	10.4%	45,700	3,000	42,700	9.9%
Smaller Sub Cities	3.2%	14,000	4,400	9,600	2.2%
Uninc Urban	2.7%	12,100	1,500	10,600	2.5%
Rural	0.7%	3,200	3,600	-	-
King County Total	100.0%	441,400			
UGA Only:		438,200		429,300	100.0%

Allocate housing units and jobs to individual jurisdictions. Within each Regional Geography, staff met to develop a proposed range of draft targets for housing and jobs for each jurisdiction. Criteria that were used to inform the allocation included the following:

- Countywide Planning Policies, including existing targets for the 2001-2022 planning period
- Data from the 2007 Buildable Lands Report, including development trends and land capacity
- Current population, jobs, and land area
- Local policies, plans, zoning and other regulations
- Local factors, such as large planned developments, and opportunities and constraints for future residential and commercial development
- "Fair share" distribution of the responsibility to accommodate future growth
- Location within the county.

The results of this process ultimately became Table DP-1, which is reproduced on the last page of this Technical Appendix.

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See table of 2001-2022³¹ targets on page D-16. The table shows 25-year household growth targets for each city and for unincorporated areas within the UGA. Unincorporated ~~subarea~~-Urban targets add to only ~~43,406~~-12,470 households, less than ~~9%~~6% of the Urban-area total target. Most of the remaining Urban growth is expected to occur in cities. In addition, the adopted targets provide for annexation of the remaining Urban area by specifying the number of households in potential annexation areas (PAAs). These numbers are shown as "PAA ~~HH~~housing target" in the table. As cities annex territory, the responsibility to accommodate that specific share of growth goes with the annexation, and would shift from unincorporated target into a city target. Before 2022, all of King County will be within city limits except for designated Rural and Resource areas.

~~For the entire county, the Countywide Planning Policies adopted a 22-year target of 157,932 new households (LU-67). This household growth target is based upon the assumption that the average household size in King County in 2022 will be 2.30 people. Applying this average household size of 2.3 to the OFM forecast of 1,993,100 people projected to be living in King County households in 2022 yields a total of about 868,000 households in 2022, up by 157,900 from the 2000 Census total.~~

~~In 2012~~ At the end of 2007, Washington State OFM will released a new set of population forecasts. Before the next update of this Comprehensive Plan, King County jurisdictions will collaborate to extend the growth targets again, in a process similar to that described above.

3. Allocation of Projected Household Growth to Cities and Unincorporated King County

The Urban-area household growth target of ~~451,900~~ 233,000 households housing units was allocated to each of King County's 39 cities and to the County's Urban unincorporated area by the Countywide Planning Policies.² These targets are *estimates* of the number of new households housing units that jurisdictions expect to receive during the period. The targets for each of the cities and the unincorporated area are intended as a guide with some flexibility to reflect the limited capability of individual jurisdictions to determine their precise levels of growth. It is essential that each jurisdiction adopt policies and regulations that allow the jurisdiction to accommodate that targeted amount.

The allocation of households to jurisdictions is connected to the allocation of estimated future jobs. Although not required by the GMA, the Countywide Planning Policies adopted a ~~22~~ 25-year employment target in addition to the household target and also allocated the employment target to the cities and unincorporated King County. The Countywide employment growth target of ~~293,850~~ 429,000 (Table 24) was based on job forecasts prepared by the Puget Sound Regional Council and was allocated to the cities and the county based upon factors listed above. ~~in Countywide Planning Policy LU-68.~~ The cities' household housing targets are tied in part to their employment targets because of the relationship between household and employment growth and the need to support Urban Centers while balancing local employment opportunities in activity centers and neighborhoods in the urban area.

Targets represent a commitment by the jurisdiction to accommodate growth. The Countywide Planning Policies require jurisdictions to plan for their targeted growth and to adopt a regulatory framework and the necessary infrastructure funding to achieve the targeted growth. The way each

² King County Countywide Planning Policies, Policy LU-67. King County Council Ordinance No. 11446, August 15, 1994.

jurisdiction achieves its targets is within its discretion. It is the responsibility of each jurisdiction to determine how best to accomplish its growth targets. The jurisdictions will impose a variety of regulatory measures, appropriate to their area, to achieve their goals. It is the responsibility of King County to implement its growth targets through zoning decisions and other policies in the unincorporated areas.

Under this methodology, new cities are treated the same way as annexations. In this way, the entire Urban unincorporated allocation can be distributed among the annexing and new cities as they absorb an unincorporated community in pieces over time. The Rural target allocation remains in unincorporated King County because it is not annexed or incorporated. Annexations to six Rural Cities are not subject to these adjustments because their target allocation already includes their UGA expansion area.

The unincorporated growth targets are accommodated through a variety of zoning densities appropriate to the respective geographic areas of the County. The Executive Proposed King County Comprehensive Plan directs that development in the UGA should occur at an average of seven to eight dwelling units per acre. Within the Urban Area, growth is targeted to go first to the Full Service Planning Areas where urban services are currently available, and second to the Service Planning Areas in which one or more urban service is not currently available.

B. Land Capacity in the UGA

1. Countywide

King County is required by the GMA to ensure sufficient land is available to accommodate the expected number of households ~~by 2022~~ within the planning horizon. Most of the anticipated growth will occur in the UGA, including cities and unincorporated Urban areas. Estimating land capacity involves much more than merely adding up all vacant and redevelopable land available in the county. Land capacity is an estimate of the amount of buildable land that is likely to be actually available; that means taking the base, or raw, number and subtracting out land that is unbuildable due to environmental and other constraints.

A 1997 amendment to the GMA required King County and its cities to measure "Buildable Land" capacity, to verify that the Urban Growth Area has sufficient land capacity to accommodate our targeted growth. In ~~2002~~ 2007, King County jurisdictions conducted an updated inventory of land supply (measured in acres) and land capacity (measured in housing units and jobs that can be accommodated) as of ~~January 2004~~ 2006. The Buildable Lands Evaluation Report, published in September, ~~2002~~ 2007, concluded that the King County UGA contains ~~more than 26,900~~ 21,900 acres of land suitable for residential growth. The UGA can accommodate ~~more than 263,000~~ 289,000 new housing units. This capacity is sufficient to absorb the ~~2000—2022~~ 2031 target of ~~151,932~~ 233,000 new housing units. Furthermore, each of the ~~four Urban subareas~~ Regional Geographies has sufficient capacity to accommodate their growth targets specified in Table 5 above.

~~In September, 2007, a second five-year Buildable Lands Report was completed and transmitted to Washington State.~~ The 2007 Buildable Lands Report affirms that there exists sufficient residential capacity in the King County UGA to accommodate the entire county's growth forecast ~~through 2022~~. Based on this updated information, it is clear that no change to the UGA is necessary.

2. Subareas Unincorporated King County

The Buildable Lands Evaluation Report measured land capacity in each of King County's four Urban subareas and by individual jurisdiction. Detailed information is available from that Report, which is incorporated here by reference (see ~~www.metrokc.gov/budget/buildland/bldInd02.htm~~). (see <http://your.kingcounty.gov/budget/buildland/bldInd07.htm>). ~~Nearly half of the Urban King County total is in the Sea Shore subarea, primarily Seattle. The East and South King County subareas each contain about one quarter of the total capacity, and the Rural Cities subarea has limited capacity.~~ Unincorporated Urban King County as a whole can accommodate less than 25,000 new households, only nine percent of the Urban King County total, but sufficient to accommodate the unincorporated Urban target of ~~43,400~~ 12,470 households. As unincorporated Urban areas are annexed to cities, the associated targets shift to the city, so that by the end of the planning period, the unincorporated Urban target will dwindle to near zero. ~~Each of the King County subareas has sufficient capacity to accommodate its subarea growth target, which in turn is proportionate to the subarea forecast of job growth, in order to maintain balance of jobs and housing growth. Updated Buildable Lands data published in 2007 at www.metrokc.gov/budget/buildland/bldInd07.htm reaches the same conclusion, that each subarea contains sufficient capacity to accommodate growth through 2022.~~

IV. Conclusion

~~King County population growth since 1994 has tracked well against OFM's 1992 forecast which was the basis for the 1994 Comprehensive Plan targets and UGA. Population growth since 2002 has likewise tracked well against OFM's 2002 forecast. Therefore, no radical change to the targets is necessary – only an extension to accommodate another ten years of growth. Further, no change to the UGA is necessary. The Urban Growth Area delineated in 1994 continues to be appropriately sized in order to accommodate growth expected through the year 2022.~~

King County's first set of growth targets, covering the period from 1992 – 2012, was based on Washington State OFM's 1992 population forecast. The county's actual population growth tracked well against the 1992 forecast. In 2002, OFM published a new forecast which was used to update growth targets to cover the 2001 – 2022 planning period. King County's population growth has continued to track the OFM prediction well.

In 2007, OFM released a new population forecast to 2030. King County officials responded with an extensive process to update the growth targets again, based on the 2007 forecast. This update was conducted as part of an overall Countywide Planning Policies update, which was adopted in 2011. The update also incorporated guidance from the Puget Sound Regional Council's *VISION 2040* plan, which calls for focusing housing and job growth into cities with major Urban Centers. King County's new growth targets, covering the period 2006 – 2031, were restructured from a subarea orientation to fit six "Regional Geographies" outlined by *VISION 2040*. In compliance with *VISION 2040*, these new targets direct most growth (74% of housing, 85% of jobs) into two "Metropolitan Cities" and 10 "Core Suburban Cities", each with a major Urban Center. Within unincorporated King County, the targets provide for modest growth in Urban areas and very limited growth in Rural and Resource areas.

Data from the 2010 US Census confirm that King County's population growth comports with OFM's 2007 forecast. Land capacity data from the 2007 Buildable Lands Report, together with updated development plans of the county's major cities, confirm that King County's Urban Growth Area continues to be appropriately sized in order to accommodate growth expected through the year 2031.

King County Growth Targets Update: Revised Table DP-1
Table for inclusion in Countywide Planning Policies, June 2011

Regional Geography City / Subarea	Housing Target	PAA Housing Target	Employment Target	PAA Emp. Target
	Net New Units	Net New Units	Net New Jobs	Net New Jobs
	2006-2031	2006-2031	2006-2031	2006-2031
Metropolitan Cities				
Bellevue	17,000	290	53,000	
Seattle	86,000		146,700	
Total	103,000		199,700	
Core Cities				
Auburn	9,620		19,350	-
Bothell	3,000	810	4,800	200
Burien	4,440		4,960	
Federal Way	8,100	2,390	12,300	290
Kent	9,270	90	13,280	210
Kirkland	8,570	-	20,850	-
Redmond	10,200	640	23,000	
Renton	14,835	3,895	29,000	470
SeaTac	5,800		25,300	
Tukwila	4,800	50	15,500	2,050
Total	78,635		168,340	
Larger Cities				
Des Moines	3,000		5,000	
Issaquah	5,750	290	20,000	
Kenmore	3,500		3,000	
Maple Valley	1,800	1,060	2,000	
Mercer Island	2,000		1,000	
Sammamish	4,000	350	1,800	
Shoreline	5,000		5,000	
Woodinville	3,000		5,000	
Total	28,050		42,800	
Small Cities				
Algona	190		210	
Beaux Arts	3		3	
Black Diamond	1,900		1,050	
Carnation	330		370	
Clyde Hill	10		-	
Covington	1,470		1,320	
Duvall	1,140		840	
Enumclaw	1,425		735	
Hunts Point	1		-	
Lake Forest Park	475		210	
Medina	19		-	
Milton	50	90	160	
Newcastle	1,200		735	
Normandy Park	120		65	
North Bend	665		1,050	
Pacific	285	135	370	
Skykomish	10		-	
Snoqualmie	1,615		1,050	
Yarrow Point	14		-	
Total	10,922		8,168	
Urban Unincorporated				
Potential Annexation Areas	10,090		3,220	
North Highline	820		2,170	
Bear Creek UrbanPlannedDev	910		3,580	
Unclaimed Urban Unincorp.	650		90	
Total	12,470		9,060	
King County UGA Total	233,077		428,068	

The base year for these Targets is 2006. As cities annex territory, PAA targets shift into Targets column. Adjustments to Burien, Kent and Kirkland targets have been made to account for 2010 and 2011 annexations. King County Growth Targets Committee, Growth Management Planning Council, August 2009. Adjusted June 20

Attachment F to Ordinance 17485
 Technical Appendix D to the 2012 Comprehensive Plan
 12-3-12

King County 2001-2022 Household and Employment Targets						
Subareas	Household Target	Housing Capacity in PAA*	PAA HH Target	Job Target	Job Capacity in PAA*	PAA Job Target
South King County						
Algona	298			108		
Auburn	5,928	2,635	926	6,079	252	252
Black Diamond	1,099			2,525		
Burien	1,552			1,712		
Covington	1,173			900		
Des Moines	1,576	5	2	1,695		
Federal Way	6,188	3,754	1,320	7,481	134	134
Kent	4,284	1,763	619	11,500	44	44
Milton	50	106	37	1,054		
Maple Valley	300			804		
Normandy Park	100			67		
Pacific	996	127	45	108		
Renton	6,198	5,622	1,976	27,597	458	458
SeaTac	4,478	14	5	9,288	496	496
Tukwila	3,200	13	5	16,000	497	497
Unincorp King County	4,935			2,582	701	701
Total	42,355	14,039	4,935	89,500	2,582	2,582
East King County						
Beaux Arts Village	3			-		
Bellevue	10,117	184	178	40,000	27	27
Bothell	1,751	603	584	2,000	174	174
Clyde Hill	21			-		
Hunts Point	1			-		
Issaquah	3,993	827	802	14,000	1	1
Kenmore	2,325			2,800		
Kirkland	5,480	770	747	8,800	221	221
Medina	31			-		
Mercer Island	1,437			800		
Newcastle	863	1	1	500		
Redmond	9,083	402	390	21,760	21	21
Sammamish	3,842			1,230		
Woodinville	1,869			2,000		
Yarrow Point	28			-		
Unincorp King County	6,801	**4222	**4099	4,637	**4193	**4193
Total	47,645	7,009	6,801	98,527	4,637	4,637
Sea-Shore						
Lake Forest Park	538			455		
Seattle	51,510			92,083		
Shoreline	2,651			2,618		
Unincorp King County***	1,670	1,670	1,670	694	1,544	694
Total	56,369	1,670	1,670	95,850	1,544	694
Rural Cities ****						
Carnation	246			75		
Duvall	1,037			1,125		
Enumclaw	1,927			1,125		
North Bend	636			1,125		
Skykomish	20			-		
Snoqualmie	1,697			1,800		
Total	5,563			5,250		
King County Total	151,932			289,127		

*PAA: Potential Annexation Area in Unincorporated King County Urban Area; **Bear Creek UPD; ***North Highline
 ****The Rural Cities' targets are for the current city limits and rural expansion area for each city. Thus the methodology for adjusting targets as annexations occur is not applicable to the rural cities.
 Editor's Note: Source for 2001 housing and job capacity figures for PAAs is the 2002 King County Buildable Lands evaluation. Subarea unincorporated targets were allocated to PAAs based on proportional capacity.