

**Yakima County
Public Services Department
Planning Division**

Yakima County's 2025 Review of its UGAs and Permitted Densities (as required by the Growth Management Act)

Urban Growth Area for **City of Sunnyside**

Staff Report

July 9, 2025

Staff contact: Phil Hoge, Planner III
phil.hoge@co.yakima.wa.us (509) 574-2254

Introduction

The Growth Management Act (GMA) provides:

“(a) Each county that designates urban growth areas under RCW 36.70A.110 shall review, according to the schedules established in [RCW 36.70A.130(5)(c)], its designated urban growth area or areas, patterns of development occurring within the urban growth area or areas, and the densities permitted within both the incorporated and unincorporated portions of each urban growth area. In conjunction with this review by the county, each city located within an urban growth area shall review the densities permitted within its boundaries, and the extent to which the urban growth occurring within the county has located within each city and the unincorporated portions of the urban growth areas.*

“(b) The county comprehensive plan designating urban growth areas, and the densities permitted in the urban growth areas by the comprehensive plans of the county and each city located within the urban growth areas, shall be revised to accommodate the urban growth projected to occur in the county for the succeeding 20-year period. ”

proceed to occur in the
[RCW 36.70A.130(3)]

*The GMA requires Yakima County and its cities to complete the UGA reviews and revisions by December 31, 2026.

This report is part of Yakima County's efforts to meet its obligations under the RCWs cited above. It constitutes a recommendation to the County Planning Commission as well as the County's initial "show-your-work" exhibit as required by the GMA. A draft was shared with the City of Sunnyside to improve accuracy and foster a collaborative approach, and to assist Sunnyside in meeting its responsibilities under these RCWs.

Table of Contents

3	Yakima County's 2025 Review of its UGAs and Permitted Densities	1
4	Introduction	1
5	Review of Urban Growth Area (UGA): Land Capacity Analysis (LCA).....	3
6	Calculation of Net Acreage Available in the UGA for Future Growth:.....	3
7	Quantity of land calculations for non-industrial uses.....	4
8	1. Population and Households Analysis: Based on Sunnyside's projected 2024-2046 population growth, this analysis estimates 877 additional households will be added to the city's population by the year 2046.....	4
11	2. Future Residential Land Need: The acreage needed for future residential growth through 2046 was calculated by assuming an average future density of 5.1 dwelling units per acre (i.e., 8,500 sq. ft. for each household) and multiplying this by the number of projected future households:.....	4
14	3. Future Commercial & Retail Land Need: The acreage needed for future commercial and retail growth through 2046 was calculated by multiplying the projected population increase by the current per person acreage of developed commercial lands within the city.....	5
17	4. Future Community Facilities Land Need: The acreage needed for future community facilities growth through 2046 was calculated by multiplying the projected population increase by the current per person acreage of developed community facilities land within the city:	5
20	5. Future Streets Land Need: The acreage needed for future rights-of-way to accommodate streets and utilities through 2046 was calculated by multiplying the acreage needed for future residential, commercial and retail, and community facilities by 15%:	5
23	6. Land Capacity Analysis (LCA)	5
24	a) Residentially zoned capacity calculation:	5
25	b) Commercially zoned capacity calculation:.....	5
26	c) Community facilities capacity calculation:	6
27	d) Net capacity of non-industrially zoned UGA calculation (total of a-c above):.....	6
28	e) Years of growth in city (excluding industrial growth)	6
29	f) Years of growth outside city (excluding industrial growth).....	6
30	g) Years of growth in UGA (excluding industrial growth).....	6
31	Total amounts of vacant land needed in UGA for Future Non-industrial Uses. Adding the needed acres from the categories above calculates the total acreage below.....	7
33	7. Future industrial land needs:	7
34	Review of Patterns of Development and Densities Permitted in the UGA	7
35	Conclusions of Above Tables.....	8
36	City/County Collaboration	9
37	Major Rezone and Plan Amendment Review Criteria	9
38	Conclusions	11
39	Recommendations	11
40	Attachments:.....	12
41		
42		

1 **Review of Urban Growth Area (UGA): Land Capacity Analysis (LCA)**

2
3 A Land Capacity Analysis is an essential component in reviewing a UGA. An LCA is a quantitative
4 estimate of how much land a city will require as it grows over the succeeding 20-year period. It
5 begins with consultation between a county and its cities and towns to select a population growth
6 projection from a range of population growth projections provided by the state Office of Financial
7 Management (OFM). The population projection, together with a county employment growth forecast,
8 is then allocated primarily to UGAs, to assist in sizing UGAs to accommodate future urban growth.
9

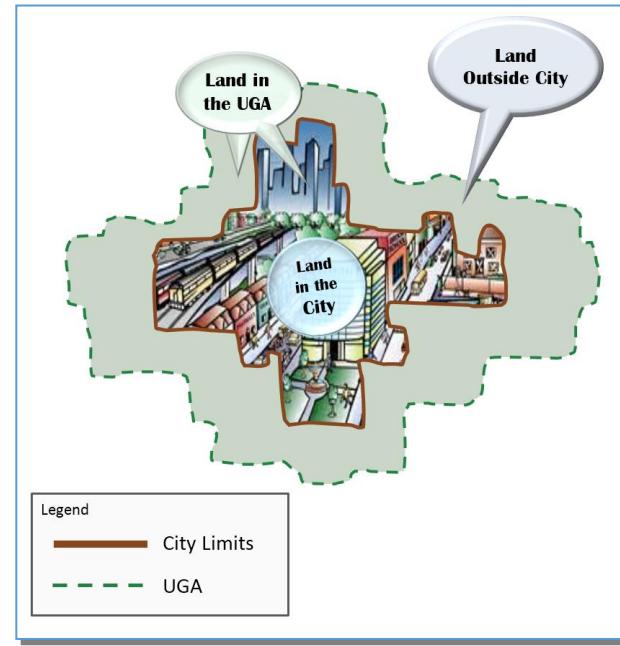
10 After reviewing OFM's most recent population projections for Yakima County, the Yakima County
11 Planning Division prepared a draft report entitled *Yakima County – Draft 2046 Population
12 Projections and Allocations* that allocated the projected population growth among the county's 14
13 cities.

14
15 The Planning Division shared the report with the County's cities on April 15, 2024, and met with
16 each city during the subsequent summer to review the report and get their comments on the draft
17 allocations.

18
19 Finally, staff reviewed all received comments and
20 issued a final report on April 8, 2025. This LCA
21 report reflects those final population allocations.

22
23 Three terms will be used throughout this analysis.
24 They will be used to describe potential growth as
25 follows:

- 26 1) **Land in city:** This is used to describe
27 lands within the city limit.
- 28 2) **Land outside city:** This is used to
29 describe the land in the UGA over which
30 the county has jurisdiction.
- 31 3) **Land in UGA:** This term refers to the
32 city's current area plus the areas the city
33 plans to annex and develop over a 20-year
34 period. The analysis combines terms 1
35 and 2 to determine its size.



36
37 The LCA quantifies the amount of land needed for Sunnyside's growth according to the analytical
38 process outlined in the "Urban Lands" section in the Land Use Element of Yakima County's
39 Comprehensive Plan (***Horizon 2046***). The general inputs and calculations¹ are outlined below:
40

41 **Calculation of Net Acreage Available in the UGA for Future Growth:**

42
43 Acres needed for future residential
44 (plus) Acres needed for future commercial
45 (plus) Acres needed for future community facilities
46 (plus) Acres needed for future Streets

47
48 ¹ The spreadsheet in Attachment 1 provides expanded descriptions for assumptions and calculations. This section is explanatory
49 and provides a synopsis of the methods and inputs used for UGA and LCA analysis.

1 (plus) Acres needed for future industrial
2 **Subtotal:** the total acreage needed for UGA Growth

3 Acres of currently vacant residentially zoned land
4 (plus) Acres of currently vacant commercially zoned land
5 (plus) Acres of currently vacant community facilities land
6 (plus) Acres of currently vacant industrially zoned land
7 **Subtotal:** the vacant acreage available for growth within the current UGA

8
9 **Subtotal:** total acreage needed for UGA growth
10 (minus) **Subtotal:** the vacant acreage available for growth within the current UGA

11 **Total:** Net Acreage Available in the UGA for Future Growth.

12 **Quantity of land calculations for non-industrial uses**

13 Yakima County's Division of Geographic Information Services (GIS) calculated the current acreage
14 of developed residential, commercial, retail, and community facilities; and the acreage of current
15 vacant and partially vacant land in each zoning district to generate the figures in the "UGA Land
16 Capacity Analysis" spreadsheet (Attachment 1).

17 In summary, this analysis finds that Sunnyside's UGA has enough vacant lands to accommodate its
18 non-industrial growth for 103 years (i.e., from 2024-2127). It has a surplus of 1,112 residentially
19 zoned vacant acres, a surplus of 398 commercially zoned vacant acres, and a surplus of 18 vacant
20 acres owned by providers of community facilities to accommodate projected growth through 2046, as
21 explained below:

22 1. **Population and Households Analysis:** Based on Sunnyside's projected 2024-2046
23 population growth, this analysis estimates 877 additional households will be added to the
24 city's population by the year 2046.

2046 population forecast for City (City/County consensus)	19,745	people
2024 population in City (OFM's April 1 estimate)	16,570	people
Population change: 2024 – 2046	3,175	people
Average household size in City in 2020 ²	3.62	people
Future Households in the City 2024 – 2046	877	households

25 2. **Future Residential Land Need:** The acreage needed for future residential growth
26 through 2046 was calculated by assuming an average future density of 5.1 dwelling units
27 per acre (i.e., 8,500 sq. ft. for each household) and multiplying this by the number of
28 projected future households:

8,500 sq. ft. x 877 households =	<u>171 acres</u>
----------------------------------	------------------

2 Taken from Table S1101 – 5-Year American Community Survey

1
2 3. **Future Commercial & Retail Land Need:** The acreage needed for future commercial
3 and retail growth through 2046 was calculated by multiplying the projected population
4 increase by the current per person acreage of developed commercial lands within the city.
5

3,175 people x .0243 acres per person =	<u>77 acres</u>
--	------------------------

6
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 5510 5511 5512 5513 5514 5515 5516 5517 5518 5519 55100 55101 55102 55103 55104 55105 55106 55107 55108 55109 55110 55111 55112 55113 55114 55115 55116 55117 55118 55119 551100 551101 551102 551103 551104 551105 551106 551107 551108 551109 551110 551111 551112 551113 551114 551115 551116 551117 551118 551119 5511100 5511101 5511102 5511103 5511104 5511105 5511106 5511107 5511108 5511109 5511110 5511111 5511112 5511113 5511114 5511115 5511116 5511117 5511118 5511119 55111100 55111101 55111102 55111103 55111104 55111105 55111106 55111107 55111108 55111109 55111110 55111111 55111112 55111113 55111114 55111115 55111116 55111117 55111118 55111119 551111100 551111101 551111102 551111103 551111104 551111105 551111106 551111107 551111108 551111109 551111110 551111111 551111112 551111113 551111114 551111115 551111116 551111117 551111118 551111119 5511111100 5511111101 5511111102 5511111103 5511111104 5511111105 5511111106 5511111107 5511111108 5511111109 5511111110 5511111111 5511111112 5511111113 5511111114 5511111115 5511111116 5511111117 5511111118 5511111119 55111111100 55111111101 55111111102 55111111103 55111111104 55111111105 55111111106 55111111107 55111111108 55111111109 55111111110 55111111111 55111111112 55111111113 55111111114 55111111115 55111111116 55111111117 55111111118 55111111119 551111111100 551111111101 551111111102 551111111103 551111111104 551111111105 551111111106 551111111107 551111111108 551111111109 551111111110 551111111111 551111111112 551111111113 551111111114 551111111115 551111111116 551111111117 551111111118 551111111119 5511111111100 5511111111101 5511111111102 5511111111103 5511111111104 5511111111105 5511111111106 5511111111107 5511111111108 5511111111109 5511111111110 5511111111111 5511111111112 5511111111113 5511111111114 5511111111115 5511111111116 5511111111117 5511111111118 5511111111119 55111111111100 55111111111101 55111111111102 55111111111103 55111111111104 55111111111105 55111111111106 55111111111107 55111111111108 55111111111109 55111111111110 55111111111111 55111111111112 55111111111113 55111111111114 55111111111115 55111111111116 55111111111117 55111111111118 55111111111119 551111111111100 551111111111101 551111111111102 551111111111103 551111111111104 551111111111105 551111111111106 551111111111107 551111111111108 551111111111109 551111111111110 551111111111111 551111111111112 551111111111113 551111111111114 551111111111115 551111111111116 551111111111117 551111111111118 551111111111119 5511111111111100 5511111111111101 5511111111111102 5511111111111103 5511111111111104 5511111111111105 5511111111111106 5511111111111107 5511111111111108 5511111111111109 5511111111111110 5511111111111111 5511111111111112 5511111111111113 5511111111111114 5511111111111115 5511111111111116 5511111111111117 5511111111111118 5511111111111119 55111111111111100 55111111111111101 55111111111111102 55111111111111103 55111111111111104 55111111111111105 55111111111111106 55111111111111107 55111111111111108 55111111111111109 55111111111111110 55111111111111111 55111111111111112 55111111111111113 55111111111111114 55111111111111115 55111111111111116 55111111111111117 55111111111111118 55111111111111119 551111111111111100 551111111111111101 551111111111111102 551111111111111103 551111111111111104 551111111111111105 551111111111111106 551111111111111107 551111111111111108 551111111111111109 551111111111111110 551111111111111111 551111111111111112 551111111111111113 551111111111111114 551111111111111115 551111111111111116 551111111111111117 551111111111111118 551111111111111119 5511111111111111100 5511111111111111101 5511111111111111102 5511111111111111103 5511111111111111104 5511111111111111105 5511111111111111106 5511111111111111107 5511111111111111108 5511111111111111109 5511111111111111110 5511111111111111111 5511111111111111112 5511111111111111113 5511111111111111114 5511111111111111115 5511111111111111116 5511111111111111117 5511111111111111118 5511111111111111119 55111111111111111100 55111111111111111101 55111111111111111102 55111111111111111103 55111111111111111104 55111111111111111105 55111111111111111106 55111111111111111107 55111111111111111108 55111111111111111109 55111111111111111110 55111111111111111111 55111111111111111112 55111111111111111113 55111111111111111114 55111111111111111115 55111111111111111116 55111111111111111117 55111111111111111118 55111111111111111119 551111111111111111100 551111111111111111101 551111111111111111102 551111111111111111103 551111111111111111104 551111111111111111105 551111111111111111106 551111111111111111107 551111111111111111108 551111111111111111109 551111111111111111110 551111111111111111111 551111111111111111112 551111111111111111113 551111111111111111114 551111111111111111115 551111111111111111116 551111111111111111117 551111111111111111118 551111111111111111119 5511111111111111111100 5511111111111111111101 5511111111111111111102 5511111111111111111103 5511111111111111111104 5511111111111111111105 5511111111111111111106 5511111111111111111107 5511111111111111111108 5511111111111111111109 5511111111111111111110 5511111111111111111111 5511111111111111111112 5511111111111111111113 5511111111111111111114 5511111111111111111115 5511111111111111111116 5511111111111111111117 5511111111111111111118 5511111111111111111119 55111111111111111111100 55111111111111111111101 55111111111111111111102 55111111111111111111103 55111111111111111111104 55111111111111111111105 55111111111111111111106 55111111111111111111107 55111111111111111111108 55111111111111111111109 55111111111111111111110 55111111111111111111111 55111111111111111111112 55111111111111111111113 55111111111111111111114 55111111111111111111115 55111111111111111111116 55111111111111111111117 55111111111111111111118 55111111111111111111119 551111111111111111111100 551111111111111111111101 551111111111111111111102 551111111111111111111103 551111111111111111111104 551111111111111111111105 551111111111111111111106 551111111111111111111107 551111111111111111111108 551111111111111111111109 551111111111111111111110 551111111111111111111111 551111111111111111111112 551111111111111111111113 551111111111111111111114 551111111111111111111115 551111111111111111111116 551111111111111111111117 551111111111111111111118 551111111111111111111119 5511111111111111111111100 5511111111111111111111101 5511111111111111111111102 5511111111111111111111103 5511111111111111111111104 5511111111111111111111105 5511111111111111111111106 5511111111111111111111107 5511111111111111111111108 5511111111111111111111109 5511111111111111111111110 5511111111111111111111111 5511111111111111111111112 5511111111111111111111113 5511111111111111111111114 5511111111111111111111115 5511111111111111111111116 5511111111111111111111117 5511111111111111111111118 5511111111111111111111119 55111111111111111111111100 55111111111111111111111101 55111111111111111111111102 55111111111111111111111103 55111111111111111111111104 55111111111111111111111105 55111111111111111111111106 55111111111111111111111107 55111111111111111111111108 55111111111111111111111109 55111111111111111111111110 55111111111111111111111111 55111111111111111111111112 55111111111111111111111113 55111111111111111111111114 55111111111111111111111115 55111111111111111111111116 55111111111111111111111117 55111111111111111111111118 55111111111111111111111119 551111111111111111111111100 551111111111111111111111101 551111111111111111111111102 551111111111111111111111103 551111111111111111111111104 551111111111111111111111105 551111111111111111111111106 551111111111111111111111107 551111111111111111111111108 551111111111111111111111109 551111111111111111111111110 551111111111111111111111111 551111111111111111111111112 551111111111111111111111113 551111111111111111111111114 551111111111111111111111115 551111111111111111111111116 551111111111111111111111117 551111111111111111111111118 551111111111111111111111119 5511111111111111111111111100 5511111111111111111111111101 55111

Subtotal: Surplus of vacant commercially zoned land in city	=328 acres
(plus) Surplus current vacant commercially zoned land outside the city	+70 acres
Equals: Surplus of vacant commercially zoned land in the UGA	=398 acres

1 c) **Community facilities capacity calculation:**

2

Current vacant community facilities land in city	127 acres
(minus) need community facility acreage, including associated streets	-132 acres
Subtotal: Deficit of vacant community facilities in City	=-5 acres
(plus) Currently vacant community facilities land outside of the city	+23 acres
Equals: Surplus of vacant community facilities land in UGA	=18 acres

3 d) **Net capacity of non-industrially zoned UGA calculation (total of a-c above):**

4

Surplus of vacant residentially zoned land	1,112 acres
(plus) Surplus of vacant commercially zoned land	+398 acres
(plus) Surplus of land needed for future community facilities	+18 acres
Equals: Surplus of vacant land in non-industrially zoned UGA	=1,528 acres

5 e) **Years of growth in city (excluding industrial growth)**

6

Surplus of vacant land for residential, commercial, community facilities, and streets	577 acres
Equals: Years of growth available in City in 2024	=52 years

7 f) **Years of growth outside city (excluding industrial growth)**

8

Equals: Years of growth available outside City in 2024	51 years
---	-----------------

9 g) **Years of growth in UGA (excluding industrial growth)**

10

Surplus of vacant land for residential, commercial, community facilities, & streets within UGA	1,528 acres
(computed) Market Choice Factor in UGA (MCF) ⁴	366 percent
Equals: Years of growth available in UGA in 2024	=103 years

11 **Years of growth for non-industrially zoned UGA calculation**

12

13 To determine the years of growth available in the UGA for non-industrial zoned land, we first
 14 express the surplus (or deficit) of non-industrially zoned land Market Choice Factor (MCF)
 15 as a percentage. For example, if a city has 125 vacant acres but only needs 100 acres for
 16 future growth, it has 25% more vacant land than required. This number 25% is the Market
 17 Choice Factor. The calculation formula is:

18
$$[(\text{acres currently vacant}) \div (\text{acres needed for future growth})] - 1.00 = \text{MCF\%}$$

19

20 ⁴ MCF Use and Calculations Summary are found below under the section entitled “Years of Growth for non-industrially-zoned UGA calculation”

1 Inserting Sunnyside's numbers (from the table below) in the formula provides the
2 following percentage for Sunnyside's MCF:

3
4
$$(1,946 \div 418) - 1.00 = 366\%$$

5
6 The MCF% is then utilized in the final calculations to result in the years of growth available
7 in the UGA (see below). The County's 2046 UGA Update calculated the amount of vacant
8 land needed for the next 22 years of growth as Yakima County's land capacity analysis spans
9 2024 to 2046 (RCW 36.70A.130(b)).

10
11
$$\text{MCF in Years} = (366\% + 1) \times 22 = 103 \text{ years of growth}$$

12
13 **Total amounts of vacant land needed in UGA for Future Non-industrial Uses.**
14 Adding the needed acres from the categories above calculates the total acreage below.

Acres needed for future residential uses (and associated streets)	197 acres
(plus) Acres needed for future commercial & retail uses (and associated streets)	89 acres
(plus) Acres needed for future community facilities (and associated streets)	132 acres
Equals: Total vacant acres needed for future non-industrial growth	<u>418 acres</u>
Total amount of currently vacant Non-Industrially Zoned Land in UGA: (vacant residential + vacant commercial/retail uses + vacant community)	1,946 acres

16
17 **7. Future industrial land needs:**

18
19 As outlined in the "Urban Lands" section of the Land Use Element, the city determines the
20 amount of land needed for future industrial use "based on its economic development strategy
21 rather than future population projections." Discussions between City and County planners
22 indicated that there is no need for changes to the existing locations or acreages of lands planned
23 and zoned for industrial uses. The County's GIS analysis provides current acreages of
24 industrially zoned lands:

Currently developed industrially zoned land in city	418 acres
Currently developed industrially zoned land outside city	175 acres
Currently vacant industrially zoned land in city	879 acres
Currently vacant industrially zoned land outside city	618 acres
Additionally vacant industrially zoned land need in city	0 acres
Additionally vacant industrially zoned land need outside city	0 acres

26
27 **Review of Patterns of Development and Densities Permitted in the UGA**

28
29 In addition to reviewing Sunnyside's UGA as shown above, Yakima County must also review the
30 densities permitted within both the incorporated and unincorporated portions of the UGA and the
31 patterns of development occurring within the UGA, as required by RCW 36.70A.130(3)(a).

32
33 The City of Sunnyside includes 14 zoning districts within its limits:

1

- R-1 (Low Density Residential),
- R-2 (Medium Density Residential),
- R-3 High Density Residential,
- B-N (Neighborhood Business),
- P-B (Professional Business),
- B-1 (Freeway Commercial),
- B-2 (General Commercial),
- B-3 (Retail Core)
- PUD (Planned Unit Development)
- M-I (Light Industrial),
- M-2 (Heavy Industrial),
- AP (Airport),
- Airport Overlay
- P-F (Public Facilities)

2

3 The densities permitted in the residential zones are analyzed below. The residential zoning districts
4 and their allowed densities are:

5

City of Sunnyside Zoning (Sunnyside Municipal Code, Title 17)		
Zoning District	Minimum Lot Size	Density
R-1 (Low Density Residential)	6,500 sq. ft.	1-5 dwelling units per acre. Allowable building types: single-family residence with ADU; manufactured home subdivisions; duplex.
R-2 (Medium Density Residential)	4,300 sq. ft.	One to 16 dwelling units per acre. Allowable building types: single-family residence; duplex; multifamily and apartments meeting the density standards; zero lot line development.
R-3 (High Density Residential)	4,300 sq. ft.	One to 10 and above dwelling units per acre. Allowable building types: single-family, duplex, apartments, multiple dwellings, zero lot line development, ADUs, convalescent/nursing/retirement homes, mobile home parks.

Yakima County Zoning in the Urban Growth Area (Yakima County Code, Title 19)		
Zoning District	Minimum Lot Size	Density
R-1 (Single Family Residential)	4,000 – 10,000 sq. ft. (depending on use) 7,000 sq. ft. for single family residence	7 units per acre

6

7

Conclusions of Above Tables

8

9

10 Within its city limits, Sunnyside currently has 451 acres of vacant residential-zoned land. Assuming
11 the allowable density of the R-1 zone (5 DUs per acre), that acreage could accommodate 2,255 DUs⁵.
12 Developing the R-2 and R-3 zoned lands at their higher densities would increase the number of
homes that could be accommodated. However, Sunnyside is projected to gain only 877 DUs by 2046.

⁵ 5 DUs per acre x 451 acres = 2,555 DUs.

1 Therefore, the number of projected homes through 2046 can be accommodated within Sunnyside's
2 current city limits.

3
4 Outside city limits, Sunnyside's unincorporated UGA contains an additional 858 acres of vacant
5 residential-zoned land. All residential land in the unincorporated UGA falls under the County's R-1
6 zone, which allows a maximum density of seven units per acre. If built to capacity, the
7 unincorporated UGA could support 6,006 new homes—far exceeding the identified need of 877
8 homes for the entire UGA.

9
10 **City/County Collaboration**

11
12 County staff met with Sunnyside's representative on June 4, 2025, to review the County's land
13 capacity analysis, review the patterns of development occurring within the UGA, discuss possible
14 changes in future land use designations and zoning, evaluate permitted densities, and consider
15 Sunnyside's planning issues. Sunnyside described the patterns of development as being more infill,
16 rather than creating pressure in any particular area that exceeds available, developable land within the
17 UGA.

18
19 **Major Rezone and Plan Amendment Review Criteria**

20
21 Discussions to date with Sunnyside have not indicated a desire to change any future land use
22 designations or zoning within Sunnyside's unincorporated UGA. If such changes are proposed, the
23 criteria described in this section would need to be considered, as described below.

24
25 Amendments to the zoning map that are contingent upon legislative approval of a comprehensive
26 plan amendment are deemed to be legislative and shall be considered major rezones that are subject
27 to the procedures outlined in YCC Chapter [16B.10](#).

28
29 *(1) The following criteria shall be considered in any review and approval of amendments to
30 Yakima County Comprehensive Plan Policy Plan Maps:*

31
32 (a) *The proposed amendment is consistent with the Growth Management Act and
33 requirements, the Yakima County Comprehensive Plan, the Yakima Urban Area
34 Comprehensive Plan and applicable sub-area plans, applicable city comprehensive
35 plans, applicable capital facilities plans and official population growth forecasts and
36 allocations;*
37 (b) *The site is more consistent with the criteria for the proposed map designation than it
38 is with the criteria for the existing map designation;*
39 (c) *The map amendment or site is suitable for the proposed designation and there is a
40 lack of appropriately designated alternative sites within the vicinity;*
41 (d) *For a map amendment, substantial evidence or a special study has been furnished
42 that compels a finding that the proposed designation is more consistent with
43 comprehensive plan policies than the current designation;*
44 (e) *To change a resource designation, the policy plan map amendment must be found to
45 do one of the following:*
46 (i) *Respond to a substantial change in conditions beyond the property owner's
47 control applicable to the area within which the subject property lies; or*
48 (ii) *Better implement applicable comprehensive plan policies than the current
49 map designation; or*
50 (iii) *Correct an obvious mapping error; or*

1 (iv) *Address an identified deficiency in the plan. In the case of Resource Lands,*
2 *the applicable de-designation criteria in the mapping criteria portion of the*
3 *land use subchapter of Yakima County Comprehensive Plan, Volume 1,*
4 *Chapter I, shall be followed. If the result of the analysis shows that the*
5 *applicable de-designation criteria has been met, then it will be considered*
6 *conclusive evidence that one of the four criteria in paragraph (e) has been*
7 *met. The de-designation criteria are not intended for and shall not be*
8 *applicable when resource lands are proposed for re-designation to another*
9 *Economic Resource land use designation;*

10 (f) *A full range of necessary public facilities and services can be adequately provided in*
11 *an efficient and timely manner to serve the proposed designation. Such services may*
12 *include water, sewage, storm drainage, transportation, fire protection and schools;*

13 (g) *The proposed policy plan map amendment will not prematurely cause the need for*
14 *nor increase the pressure for additional policy plan map amendments in the*
15 *surrounding area.*

16 Findings: No amendments are proposed.

17 (2) *The following criteria shall be considered in any review and approval of changes to Urban*
18 *Growth Area (UGA) boundaries:*

19 (a) *Land Supply:*

20 (i) *The amount of buildable land suitable for residential and local commercial*
21 *development within the incorporated and the unincorporated portions of the*
22 *Urban Growth Areas will accommodate the adopted population allocation*
23 *and density targets;*

24 (ii) *The amount of buildable land suitable for purposes other than residential and*
25 *local commercial development within the incorporated and the*
26 *unincorporated portions of the Urban Growth Areas will accommodate the*
27 *adopted forecasted urban development density targets within the succeeding*
28 *twenty-year period;*

29 (iii) *The Planning Division will use the definition of buildable land in YCC*
30 *16B.02.045, the criteria established in RCW 36.70A.110 and .130 and*
31 *applicable criteria in the Comprehensive Plan and development regulations;*

32 (iv) *The Urban Growth Area boundary incorporates the amount of land*
33 *determined to be appropriate by the County to support the population density*
34 *targets;*

35 (b) *Utilities and services:*

36 (i) *The provision of urban services for the Urban Growth Area is prescribed, and*
37 *funding responsibilities delineated, in conformity with the comprehensive*
38 *plan, including applicable capital facilities, utilities, and transportation*
39 *elements, of the municipality;*

40 (ii) *Designated Ag. resource lands, except for mineral resource lands that will be*
41 *reclaimed for urban uses, may not be included within the UGA unless it is*
42 *shown that there are no practicable alternatives, and the lands meet the de-*
43 *designation criteria set forth in the comprehensive plan.*

44 Findings: No changes are proposed.

1 (3) *Land added to or removed from Urban Growth Areas shall be given appropriate policy plan*
2 *map designation and zoning by Yakima County, consistent with adopted comprehensive*
3 *plan(s).*

4 Findings: No additions or removals are proposed.

5 (4) *Cumulative impacts of all plan amendments, including those approved since the original*
6 *adoption of the plan, shall be considered in the evaluation of proposed plan amendments.*

7 Findings: The cumulative impacts will be addressed in the planning commission's findings.

8 (5) *Plan policy and other text amendments including capital facilities plans must be consistent*
9 *with the GMA, SMA, CWPP, other comprehensive plan goals and policies, and, where*
10 *applicable, city comprehensive plans and adopted inter-local agreements.*

11 Findings: Not applicable. Any changes to Sunnyside's UGA are map amendments rather than
12 policy or text amendments.

13 (6) *Prior to forwarding a proposed development regulation text amendment to the Planning*
14 *Commission for its docketing consideration, the Administrative Official must make a*
15 *determination that the proposed amendment is consistent with the GMA, CWPP, other*
16 *comprehensive plan goals and policies, and, where applicable, city comprehensive plans and*
17 *adopted inter-local agreements.*

18 Findings: Not applicable. Any changes to Sunnyside's UGA are map amendments rather than
19 policy or text amendments.

20 Conclusions

21 1. The County's LCA for Sunnyside calculates a surplus of 1,112 acres of vacant residentially
22 zoned land, a surplus of 398 acres of vacant commercially zoned land, and a surplus of 18 acres
23 of vacant land for community facilities and all associated streets within the current UGA for all
24 non-industrial uses through 2046. Overall, this is a surplus of 1,528 acres over what is needed,
25 which can accommodate Sunnyside's growth for the next 103 years (from 2024).

26 2. This Land Capacity Analysis finds that Sunnyside's current city limits would accommodate the
27 City's growth for 52 years (from 2024) and that the UGA could accommodate the City's growth
28 for 103 years (from 2024). Because the GMA requires the UGA to accommodate growth for only
29 22 years (i.e., from 2024 to 2046), the UGA should not be expanded but could be reduced in size.
30 However, much of the lands zoned residential outside of the city limits are surrounded by city
31 limits or adjacent to schools, which makes them a low priority for removal. The areas that appear
32 to be the most appropriate to remove from the UGA are the area north of E. Woodin Rd. and east
33 of Cemetery Rd. and a portion of the area east of Maple Grove Rd. between E. Woodin Rd. and
34 Outlook Rd.

35 Recommendations

36 1. County Planning staff recommends no additions or removals to the City of Sunnyside's UGA at
37 this time, as staff aims to continue examining and engaging with the City on areas to remove

1 from the UGA when more time can be spent on public engagement and planning for water,
2 sewers, and streets.

3

4 2. County Planning staff recommends no changes to the comprehensive plan designations or zoning
5 in Sunnyside's unincorporated UGA.

6

7 **Attachments:**

8

9 1. UGA LCA (spreadsheet)
10 2. County's population projection for Sunnyside
11 3. ***Horizon 2040***'s description of the analytical process for the UGA LCA
12 4. LCA for [Sunnyside's UGA Dashboard](#) (map forthcoming)

			Units	Sunnyside
1 - Population and Households Analysis				
a	2046 population for City (County's preferred alternative medium projection)		people	19,745
b	2024 population in City (OFM's April 1 estimate)		people	16,570
c	City's projected population increase, 2024-46 (a - b)		people	3,175
d	City's average household size (2020 Census - 5 Year Estimates) Table S1101		people per household	3.62
e	Additional households projected for City, 2024-46 (c * d)		households	877
2 - Future Residential Land Need				
f	Desired average density of future housing, 2024-46 (5.1 dwelling units per acre)		sq. ft. per dwelling unit	8,500
g	Land needed for future housing, 2024-2046 (e * f + 43,560 sq. ft. per acre)		acres	171
3 - Future Commercial & Retail Land Need				
h	Current developed commercial & retail land in City (from GIS analysis)		acres	402
i	Current developed commercial & retail land in City per person (h / b)		acres per person	0.0243
j	Land needed for future commercial & retail, 2024-46 (i * c)		acres	77
4 - Future Community Facilities* Land Need				
k	Current developed community facilities land in City (from GIS analysis)		acres	601
m	Current developed community facilities land in City per person (k / b)		acres per person	0.0363
n	Land needed for future community facilities, 2024-46 (m * c)		acres	115
5 - Future Streets Land Need				
p	Subtotal of land needed for future residential, commercial & retail, and community facilities 2024-46 (g + j + n)		acres	363
q	Land needed for future streets (p * 15%)		acres	54
6 - Land Capacity Analysis				
Residentially-zoned capacity				
r	Current vacant residentially-zoned land in City, excluding floodplains (from GIS analysis)		acres	451
s	(plus) Current vacant residentially-zoned land in City, only including floodplains (from GIS analysis)		acres	0
t	= Current vacant residentially-zoned land in City (r + (s/5.1))		acres	451
u	(minus) Land needed for future housing and associated streets, 2024-46 (-g * 115%)		acres	(197)
v	= Surplus (Deficit) of vacant residentially-zoned land in City (t + u)		acres	254
w	Current vacant residentially-zoned land outside City, excluding floodplains (from GIS analysis)		acres	858
x	(plus) Current vacant residentially-zoned land outside City, only in floodplains (from GIS analysis)		acres	0
y	= Current vacant residentially-zoned land outside City (w + (x/5.1))		acres	858
z	(plus) Surplus (Deficit) of vacant residentially-zoned land in City (v)		acres	254
aa	= Surplus (Deficit) of vacant residentially-zoned land in UGA in 2046 (y + z)		acres	1,112
Commercially-zoned capacity				
bb	Current vacant commercially-zoned land in City (from GIS analysis)		acres	417
cc	(minus) Land needed for future commercial & retail and associated streets, 2024-46 (-j * 115%)		acres	(89)
dd	= Surplus (Deficit) of vacant commercially-zoned land in City (bb + cc)		acres	328
ee	Current vacant commercially-zoned land outside City (from GIS analysis)		acres	70
ff	(plus) Surplus (Deficit) of vacant commercially-zoned land in City in 2046 (dd)		acres	328
gg	= Surplus (Deficit) of vacant commercially-zoned land in UGA in 2046 (ee + ff)		acres	398
Community Facilities capacity				
hh	Current vacant community facilities land in City (from GIS analysis)		acres	127
ii	(minus) Land needed for future community facilities and associated streets, 2024-46 (-n * 115%)		acres	(132)
jj	= Surplus (Deficit) of vacant community facilities in City (hh + ii)		acres	(5)
kk	Current vacant community facilities land outside City (from GIS analysis)		acres	23
mm	(plus) Surplus (Deficit) of vacant community facilities land in City in 2046 (jj)		acres	(5)
nn	= Surplus (Deficit) of vacant community facilities land in UGA in 2046 (kk + mm)		acres	18
Capacity for growth in City (excluding Industrial growth)				
pp	Surplus (Deficit) of vacant land for residential, commercial, community facilities, & streets (v + dd + jj)		acres	577
qq	Computed Market Choice Factor in City (MCF)**		%	138%
rr	Years of growth available in City in 2024 ((qq + 1) * 22)		years	52
Capacity for growth outside City (excluding Industrial growth)				
ss	Years of growth available outside City in 2024 (vv - rr)		years	51
Capacity for growth in UGA (excluding Industrial growth)				
tt	Surplus (Deficit) of vacant land for residential, commercial, community facilities, & streets (aa + gg + nn)		acres	1,528
uu	Computed Market Choice Factor in UGA (MCF)**		%	366%
vv	Years of growth available in UGA in 2024 ((rr + 1) * 22)		years	103
7 - Future Industrial Land Need				
ww	Current developed industrially-zoned land in City (from GIS analysis)		acres	418
xx	Current developed industrially-zoned land outside City (from GIS analysis)		acres	175
yy	Current vacant industrially-zoned land in City (from GIS analysis)		acres	879
zz	Current vacant industrially-zoned land outside City (from GIS analysis)		acres	618
aaa	Industrial acres to add to UGA (based on City's economic development strategy) (from GIS analysis)		acres	0
bbb	Industrial acres to remove from UGA (based on City's economic development strategy) (from GIS analysis)		acres	0

*Community Facilities such as parks, schools, libraries, city halls, fire stations, churches

**(vacant acres in City + needed acres) - 1 = (r + x + dd) / (-s - y - ee) - 1

***(vacant acres in UGA + needed acres) - 1 = (r + u + x + aa + dd + gg) / (-s - y - ee) - 1

Note: numbers in parentheses are negative

Table 8. Cities, Towns, & County Consensus Population Projections and Allocations, 2025-2046														
	2020 Census	Cities, Towns, & County Consensus Annual Growth Rates (2025-2046) ⁴	2021 OFM April 1 Estimate	2022 OFM April 1 Estimate	2023 OFM April 1 Estimate	2024 OFM April 1 Estimate	2025	2026	2027	2028	2029	2030	2031	2032
Yakima County (Preferred Alt.)	256,728	0.56%	258,100	259,950	261,200	263,200	264,662	266,133	267,611	269,098	270,593	272,097	273,608	275,129
Unincorporated	88,147		88,240	88,955	89,155	89,635	89,742	89,840	89,931	90,013	90,087	90,153	90,209	90,257
Incorporated	168,581		169,860	170,995	172,045	173,565	174,921	176,293	177,680	179,085	180,506	181,944	183,399	184,872
Grandview	10,910	1.00%	10,960	11,020	11,250	11,680	11,797	11,915	12,034	12,154	12,276	12,399	12,523	12,648
Granger	3,624	1.21%	3,690	3,740	3,775	3,815	3,861	3,908	3,956	4,004	4,052	4,101	4,151	4,202
Harrah	585	0.25%	580	580	580	585	586	588	589	591	592	594	595	597
Mabton	1,959	-1.21%	1,975	1,975	1,965	1,965	1,941	1,918	1,895	1,872	1,849	1,827	1,805	1,783
Moxee	4,326	2.92%	4,405	4,665	4,785	4,820	4,961	5,105	5,254	5,408	5,566	5,728	5,895	6,067
Naches	1,084	1.98%	1,110	1,125	1,120	1,125	1,147	1,170	1,193	1,217	1,241	1,265	1,290	1,316
Selah	8,153	1.75%	8,235	8,365	8,450	8,620	8,771	8,924	9,081	9,239	9,401	9,566	9,733	9,903
Sunnyside	16,375	0.80%	16,400	16,500	16,530	16,570	16,703	16,836	16,971	17,107	17,243	17,381	17,520	17,661
Tieton	1,389	2.50%	1,430	1,505	1,545	1,600	1,640	1,681	1,723	1,766	1,810	1,856	1,902	1,949
Toppenish	8,854	0.17%	8,870	8,870	8,900	8,915	8,930	8,945	8,961	8,976	8,991	9,006	9,022	9,037
Union Gap	6,568	1.00%	6,595	6,640	6,660	6,660	6,727	6,794	6,862	6,930	7,000	7,070	7,140	7,212
Wapato	4,607	0.25%	4,610	4,615	4,620	4,625	4,637	4,648	4,660	4,671	4,683	4,695	4,707	4,718
Yakima	96,968	0.62%	97,810	98,200	98,650	99,370	99,985	100,604	101,227	101,853	102,484	103,118	103,756	104,398
Zillah	3,179	0.63%	3,190	3,195	3,215	3,215	3,235	3,256	3,276	3,297	3,318	3,339	3,360	3,381

⁴ These annual growth rates are applied to the 2024 population figures and to each subsequent year.

Table 8 (cont.). Cities, Towns, & County Consensus Population Projections and Allocations, 2025-2046														
	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Yakima County (Preferred Alt.)	276,657	278,194	279,740	281,294	282,857	284,428	286,009	287,598	289,196	290,802	292,418	294,043	295,676	297,319
Unincorporated	90,295	90,323	90,341	90,350	90,348	90,335	90,311	90,276	90,229	90,171	90,100	90,017	89,921	89,812
Incorporated	186,363	187,871	189,398	190,944	192,509	194,094	195,698	197,322	198,966	200,632	202,318	204,026	205,756	207,508
Grandview	12,774	12,902	13,031	13,161	13,293	13,426	13,560	13,696	13,833	13,971	14,111	14,252	14,394	14,538
Granger	4,253	4,304	4,356	4,409	4,463	4,517	4,572	4,627	4,684	4,740	4,798	4,856	4,915	4,975
Harrah	598	600	601	603	604	606	607	609	610	612	613	615	616	618
Mabton	1,761	1,740	1,719	1,698	1,678	1,657	1,637	1,618	1,598	1,579	1,560	1,541	1,522	1,504
Moxee	6,244	6,426	6,614	6,807	7,006	7,210	7,420	7,637	7,860	8,089	8,325	8,568	8,818	9,076
Naches	1,342	1,369	1,396	1,423	1,452	1,480	1,510	1,540	1,570	1,601	1,633	1,665	1,698	1,732
Selah	10,077	10,253	10,432	10,615	10,801	10,990	11,182	11,378	11,577	11,779	11,986	12,195	12,409	12,626
Sunnyside	17,802	17,944	18,088	18,233	18,378	18,526	18,674	18,823	18,974	19,125	19,278	19,433	19,588	19,745
Tieton	1,998	2,048	2,099	2,152	2,206	2,261	2,317	2,375	2,435	2,495	2,558	2,622	2,687	2,755
Toppenish	9,052	9,068	9,083	9,099	9,114	9,130	9,145	9,161	9,176	9,192	9,207	9,223	9,239	9,254
Union Gap	7,284	7,357	7,430	7,505	7,580	7,655	7,732	7,809	7,887	7,966	8,046	8,126	8,208	8,290
Wapato	4,730	4,742	4,754	4,766	4,778	4,790	4,802	4,814	4,826	4,838	4,850	4,862	4,874	4,886
Yakima	105,044	105,695	106,349	107,007	107,669	108,336	109,006	109,681	110,360	111,043	111,730	112,422	113,118	113,818
Zillah	3,402	3,424	3,445	3,467	3,489	3,511	3,533	3,555	3,577	3,600	3,623	3,646	3,669	3,692

are either available, or could be provided without excessive public cost. Urban governmental services typically include water and sewer systems, street cleaning services, fire and police protection services, and public transit services. Based on their respective comprehensive, subarea or neighborhood plans, cities and other service providers must be able to demonstrate both ability and willingness to supply designated urban areas with these services within the twenty-year planning period. The Growth Management Act, RCW 58.17

5.8.3.1 Urban Growth Area Designation Process

GMA requires counties to designate Urban Growth Areas (UGA) where development is encouraged and outside which growth can occur only if it is not urban in nature. At a minimum, each city within the County must be included within a UGA. Additionally, a UGA may include land outside of a city but only if it is already characterized by urban growth. Lands not characterized by, or next to, urban growth may be included within a UGA only if the need for it is shown based on projected growth. Perhaps the most important aspect of designating UGA boundaries is the demonstration by cities and towns that they may feasibly serve these lands with urban level services over a twenty-year period.

As required by the GMA, and consistent with desired future settlement patterns, most new housing and jobs will be created within Yakima County's fourteen UGAs. Likewise, most investment in public facilities and services will occur here to ensure the most cost-efficient use and operation of necessary utility systems.

In unincorporated areas within UGA boundaries, **Horizon 2040** establishes several urban land use designations to implement the Growth Management Act's Planning Goal 1: "Encourage development in urban areas where adequate public facilities and services exist or can be provided in an efficient manner." In determining areas to be set aside for future urbanization, the County and cities mutually endorsed a County-Wide Planning Policy. It states that areas designated for urban growth should be determined by preferred development patterns, residential densities, and the capacity and willingness of the community to provide urban governmental services.

UGAs are intended to include land that is characterized by urban growth or will be needed for urbanization, consistent with forecasted population growth and the ability to extend urban services. UGA boundaries are intended to establish the areas within which incorporated cities and towns may grow and annex over the next twenty years. Yakima County's UGAs are also intended to implement Washington Administrative Code, which states that "the physical area within which that jurisdiction's vision of urban development can be realized over the next twenty years." The process for which Urban Growth Areas are designated is outlined below:

- **Population Allocation**

Development of population projections for the Growth Management Act (GMA) is a shared responsibility. As directed by state statute, the Washington State Office of Financial Management (OFM) prepares a reasonable range of possible population growth for Washington counties participating in GMA. Yakima County, also by law, is responsible for selecting a 20-year GMA planning target from within the range of high and low

prepared by OFM. The County must select the county planning target; then the population planning targets for each city or town, and unincorporated areas. Once the population is allocated the projections are used by each jurisdiction as part of the GMA comprehensive planning update and in conjunction with the Land Capacity Analysis.

- **Land Capacity Analysis**

The purpose of the Land Capacity Analysis is to determine how much land, if any, is needed beyond the incorporated limits of each city and town to accommodate the urban growth and development that is projected to occur during the 20-year planning horizon. It begins with determining the existing supply of existing vacant and partially vacant lands zoned for future development that can accommodate additional growth. In evaluating the quantity of land necessary for urban growth, the following analytical process should be followed:

1. Determine how much housing is necessary for 20 years of growth.

Subtract the City's current year population from the projected 20 year population figure to determine the additional number that represents 20 years of growth. Based on a city's average household size, calculate the number of additional dwelling units to allow for.

2. Determine the necessary residential acreage.

Determine the desired and appropriate housing densities in collaboration with the cities. Calculate how many acres are needed to accommodate the number of new dwelling units based on the desired and appropriate densities. A percentage can be added to allow for market choice and location preference.

3. Determine the necessary commercial and retail acreage.

Divide the existing commercial and retail acreage by the current population to arrive at a commercial/retail acreage per capita figure. Multiply this per capita number by the additional population identified in Step #1. This will give you the amount of additional commercial/retail acreage needed. A percentage can be added to allow for market choice and location preference.

4. Determine the net amount of total additional acreage needed for non-industrial uses.

Determine the currently available undeveloped acreage within the existing UGA for both residential and commercial/retail. Subtract these figures from the acreage identified in Steps # 2 and #3 to determine if acreage is needed for UGA expansion for residential or commercial/retail. Factor in additional acreage needed for open space, critical areas, parks, and other public facilities such as schools and libraries based on appropriate level of service standards. Add appropriate acreage to allow for streets.

5. Identify areas needed for Industrial zoning.

Industrial zoning is based on the city's economic development strategy and is not contingent on future population.

6. Identify areas that are desired and appropriate for expansion.

Identify the areas desired for UGA expansion based on the amount of acreage needed as identified in Steps #4 and #5. Ensure the requisite acreage is accurately allocated to residential, commercial/retail, and industrial. Areas desired for expansion should avoid Agricultural and Mineral Resource areas if possible. If Resource areas are unavoidable, justification for encroaching into the Resource area will be required.

7. Capital Facilities Plan.

Approval of any UGA expansion by Yakima County will be subject to adoption of an adequate and appropriate Capital Facilities Plan by the respective elected legislative body to ensure necessary facilities and services will be provided to the entire expanded UGA within the 20 year period. All capital and public facilities needed for future growth must be included in the Capital Facilities Plan. These needed facilities may be identified in comprehensive plan elements, in the jurisdiction's functional plans, or in the plans of other entities that provide services or facilities.

• **Mapping Criteria for New UGA areas:**

1. Lands contiguous with other properties that are, or should be, included in an urban growth area.
2. Lands that take advantage of physical features to help provide a clear separation between urban and rural areas. No physical barriers (e.g., rivers, railroads, irrigation ditches, freeways) are present that would make the area difficult to serve at an adopted level of service standard.
3. The County and the respective city or town have mutually determined that urban services will be present within the 20-year time frame of the plan, as illustrated within the city's capital facilities plan.
4. Lands with ready access to urban services (e.g., major roads, schools, public safety, water or sewer utilities), or lands needed to achieve local economic development goals / plan policies and where there is a plan and financial strategy for putting these services in place in accordance with the jurisdiction's comprehensive, subarea or neighborhood plan.
5. Lands needed for public capital facilities and utilities.
6. Lands that do not have long term commercial significance for commercial agricultural or mineral production and should be able to develop without having a detrimental effect on nearby resource lands outside the Urban Growth Area; or, lands needed for urban growth and it has been conclusively demonstrated that significantly better alternatives to the development of productive resource lands are not available.

5.8.3.2 Urban Land Use Categories

The Urban land use categories for the unincorporated UGAs are determined in a coordinated process between the County and each of the fourteen cities and towns during the Growth

5.8.5 Urban Land Lands – Future Land Use Needs

To ensure Yakima County has not restricted the supply of urban land through its population allocations, the OFM 2040 medium projection of 318,494 is used throughout the entire Land Use Element to calculate the adequacy of the available land supply. If recent trends continue, approximately 63 percent of this figure, or 200,511 people, will be living in the cities or towns by the year 2040. Based on these same trends, approximately 11 percent of the population in the year 2040, or 38,359 people, will be living within the unincorporated UGAs. If these figures hold, the total urban population in 2040 will equal 238,870. Once the population has been projected the Growth Management Act requires Yakima County to determine the necessary amount of land needed for future growth. The Land Capacity Analysis (LCA), is the tool for which Yakima County sizes UGA boundaries.

5.8.5.1 Countywide Urban Growth Area Land Capacity Analysis

The Land Capacity Analysis (LCA), as outlined in subsection 5.8.3.1 above, is a quantitative estimate of how much vacant land (i.e., land available for future urban development) a city (and unincorporated UGA) currently has and will require as it grows over the succeeding 20-year period. It begins with consultation between Yakima County and each of its cities and towns to select a population growth projection from a range of population growth projections provided by OFM. The population projection, together with a county employment growth forecast, is then allocated primarily to UGAs, to assist in sizing UGAs to accommodate future urban growth. The LCA quantifies the amount of vacant land needed for each city and town's growth then compares those results to the amount of vacant land currently within the UGA. This will determine if there is a surplus or a deficit of vacant land for future growth to year 2040. A more detailed description of the LCA is outlined in the example below:

- Quantity of Land Calculations for Non-Industrial Uses
 1. Population and Households Analysis: Using a city's projected 2015-2040 population growth, this analysis estimates the number of additional households that will be added to the city's population by the year 2040. An example city is described below:

2040 population forecast for city (County Planning)	Example 1000 people
2015 population in city (OFM's April 1 estimate)	Example 500 people
Population increase in city 2015-2040	Example 500 people
<u>Average household size in city (2010 Census)</u>	<u>Example 2.87 people</u>
Additional households in city 2015-2040 ($500 \div 2.87$)	Example 174 households
 2. Future Residential Land Need: The acreage needed for future residential growth through 2040 is calculated by assuming an average future density of 8,500 sq. ft. of land for each household (i.e., 5.1 dwelling units per acre) and multiplying this amount by the number of projected new future households:

$$8,500 \text{ sq. ft.} \times 174 \text{ households} = 1,479,000 \text{ sq. ft.} / 43,560 \text{ sq. ft. (1 acre)} = 34 \text{ acres}$$

3. **Future Commercial & Retail Land Need:** The acreage needed for future commercial and retail growth through 2040 is calculated by multiplying the projected population increase by the current per capita acreage of developed commercially-zoned lands within the city after subtracting the acreage classified for community facilities (as determined by GIS analysis):

500 people x 0.0169 acres per capita = 8 Acres

4. **Future Community Facilities Land Need:** The acreage needed for future community facilities growth through 2040 is calculated by multiplying the projected population increase by the current per capita acreage of developed community facilities land within the city (as determined by GIS analysis):

500 people x 0.0494 acres per capita = 25 Acres

5. **Future Streets Land Need:** The acreage needed for future rights-of-way to accommodate streets and utilities through 2040 is calculated by multiplying the acreage needed for future residential, commercial & retail, and community facilities by 15%:

Residential acreage needed	34 Acres +	5.1 Acres for streets
+ Commercial/retail acreage needed	8 Acres +	1.2 Acres for streets
+ Community facilities acreage needed	<u>25 Acres +</u>	<u>3.75 Acres for streets</u>
= Subtotal of total streets acreage	(67 Acres x 0.15) = 10.05 Acres for streets	

6. **Land Capacity Analysis for Non-Industrial Uses:** Next, the needs for land identified above are compared with the amount of existing vacant land to determine if there is currently a surplus or a deficit of vacant land within the City and the UGA to accommodate projected growth through 2040.

Total amount of vacant land needed in UGA for future growth (excluding industrial growth): Adding the needed acres from the categories above results (including streets) in the total acreage calculated below:

Acres needed for future residential uses	39.1 Acres
+Acres needed for future commercial & retail uses	9.2 Acres
+Acres needed for future community facilities	28.75 Acres
=Total vacant acres needed for future non-industrial uses	77.05 Acres

7. **Current Vacant Land Analysis:**

Yakima County's Division of Geographic Information Services (GIS) determines the current acreage of developed residential, commercial & retail, and community facilities. GIS also determines the acreage of current vacant land and partially vacant land in each zoning district. In this example city, summaries of whether each zoning

group has a surplus or a deficit of vacant land to accommodate the projected growth through 2040 are listed in Table below:

Table 5.8.5.1-1 Example Land Capacity Analyses (LCA) Summary – Excluding Industrially-zoned Land					
Zoning Group	Total Acres Within City Limits	Outside City Limits & Within Current UGA	Total: Within City Limits and Within Current UGA	Total Acres needed from Step 6 above	Determination of Surplus or Deficit
Residential	Vacant: 13 acres	Vacant: 51 acres	Vacant: 64 Acres	39.1 acres	<i>Surplus: 24.9 acres</i>
Commercial	Vacant: 18 acres	Vacant: 34 acres	Vacant: 52 Acres	9.2 acres	<i>Surplus: 42.8 acres</i>
Community Facilities	Vacant: 0 acres	Vacant: 0 acres	Vacant: 0 Acres	28.75 acres	<i>Deficit: 28.75 acres</i>
Total of above Zoning Groups	Vacant: 31 acres	Vacant: 85 acres	Vacant: 116 Acres	77.05 acres	<i>Surplus: 38.95 acres</i>

Based on the example shown in the Table above, there is roughly a total of 116 vacant acres inside the UGA and based on the LCA in steps 1 through 6 the example city needed roughly 77.05 acres for next twenty plus years of growth, which means there is a surplus of 38.95 acres available in the current UGA to accommodate growth through 2040.

8. Computed Market Choice Factor (MCF) and “Years of Growth” (excluding Industrial growth):

One way of quantifying the surplus (or deficit) of vacant land in a city and within its UGA is to express the surplus (or deficit) as a percentage of the amount of vacant land that is needed for growth over the 25-year period from 2015 to 2040. In our example above, the city has 116 vacant acres and needs 77.05 vacant acres for future growth, it has 51% more vacant land than needed for growth. So the Computed MCF is 51%, as calculated below:

$$[(\text{acres currently vacant}) \div (\text{acres needed for future growth})] - 1.00 = \text{Computed MCF \%}$$

Example: $[116 \text{ acres} \div 77.05 \text{ acres}] - 1.00 = 0.51 = 51\%$

The example city has a 51% MCF, which means that there is 51% more vacant land than needed for growth over the twenty-five year period from 2015 to 2040. In Yakima County, the MCF is set by policy within **Horizon 2040** at 10%. An additional way of quantifying the surplus (or deficit) of vacant land available for future growth is to express the surplus (or deficit) as the number of years it would take to develop all the vacant land at the projected future growth rate. The calculation below outlines how to determine the years of growth for our example city.

$$(\text{Computed MCF} + 1) \times 25 \text{ years} = \text{years of growth available}$$

$$\text{Example 1: } (51\% \text{ MCF} + 1) \times 25 \text{ years} = 37.75 \text{ years of growth available}$$

Table 5.8.5.1-2 Example MCF and Years of Growth	
	Within the Current UGA
	Vacant: 116 acres
Market Choice Factor	51%
Years of Growth	37.75 years

The figures for both the “MCF” and “years of growth” metrics for the example city show that the MCF of 51% exceeds the plan policy standard of 10% and the years of growth of 37.75 also exceed the GMA mandate of twenty years. Thus, the example city does not need to have its UGA boundary expanded and more importantly, the current UGA appears large enough to accommodate the next twenty plus years of growth.

9. Future Industrial Land Needs:

As provided by the analytical process outlined in the “Urban Lands” section in the Land Use Element of Yakima County’s Comprehensive Plan - **Horizon 2040** the amount of land needed for future industrial uses “is based on the city’s economic development strategy and is not contingent on future population.”

5.8.5.2 Countywide Urban Growth Area Land Capacity Analysis Results

The Growth Management Act (GMA) requires Yakima County to review the UGAs of each of the County’s fourteen cities and towns as part of the 2017 period comprehensive plan update. GMA requires this update once every eight years. In coordination with those cities and towns, the County conducted a Land Capacity Analysis (LCA) to determine the amount of urban lands needed for twenty years of growth. The land needed to accommodate that growth is broken down into four categories: Residential, Commercial/Retail, Community Facilities and Streets. The estimated amount of land needed to accommodate future growth is outlined in Table 5.8.5.2-1 below.

Table 5.8.5.2-1 Land Capacity Analysis (LCA) – Land Needed For Future Growth

Yakima Cities	Projected Pop Increase From 2015-2040	Person Per Household (Census)	Number Households needed	Land Needed For Residential (Acres)	Land Needed For Commercial & Retail (Acres)	Land Needed For Community Facilities (Acres)	Land Needed For Streets (Acres)
Grandview	2,289	2.97	794	155	19	245	63
Granger	1,923	4.14	464	87	10	62	24
Harrah	123	3.53	35	7	1	4	2
Mabton	339	4.31	79	15	2	7	4
Moxee	3,870	3.26	1,187	233	18	74	49
Naches	254	2.51	101	20	13	30	9
Selah	2,410	2.64	913	178	29	115	48
Sunnyside	3,117	3.60	866	169	82	107	54
Tieton	451	3.33	135	26	3	3	5
Toppenish	990	3.33	297	58	14	21	14
Union Gap	1,001	2.90	345	67	43	32	21
Wapato	677	3.88	174	36	6	23	10
Yakima	17,167	2.68	6,406	1,250	297	271	273
Zillah	1,876	2.87	654	128	32	93	38

Source: Yakima County GIS – UGA Analysis 2015-2016