

**From:** [Wilkerson, James](#)  
**To:** [Timothy D. Rogers](#)  
**Cc:** [Bronow, Jeff](#)  
**Subject:** RE: [External] RE: Annual projections  
**Date:** Friday, December 4, 2020 5:54:05 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[2020 Housing Unit Projections by PlanPoly.xlsx](#)

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Tim-

Here's a spreadsheet of the raw results and a pivot table. 0 unit polys are provided as well. Table is organized in a similar fashion to the school districts table. Check it out when you get a chance and let me know if formatting changes are needed or if anything appears off with values. Due to the districts double counting units from overlaps, I cannot directly compare those two datasets.

Have a good weekend.

-James

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**From:** Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Sent:** Thursday, December 3, 2020 12:58 PM  
**To:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>; Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>  
**Subject:** RE: [External] RE: Annual projections

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James

Attached is the planning polygon shp.

In the report for this one it's important that there is a row for each polygon even if there are no housing units.

Let me know if anything looks off.

Thanks!

Tim

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**From:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>  
**Sent:** Monday, November 23, 2020 10:47 AM  
**To:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>; Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Subject:** RE: [External] RE: Annual projections

I made sure not to include Age Res and the districts themselves came from this location: G:\H Drive\ESRI\_School

I used the individual Middle\_School\_Districts, High\_School\_Districts, and Elemernary\_School\_Districts files. Each have a “date modified” from summer 2020. Hope that helps.

**-James**

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**From:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>

**Sent:** Monday, November 23, 2020 8:48 AM

**To:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>; Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>

**Subject:** RE: [External] RE: Annual projections

James,

You may have already done this, but please confirm that the school districts you used for this are indeed the latest and greatest. Want to avoid a potential issue of us using the wrong district boundaries.

Jeff

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**From:** Bronow, Jeff

**Sent:** Monday, November 23, 2020 8:42 AM

**To:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>; Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>

**Subject:** RE: [External] RE: Annual projections

Ignore me! I didn't refresh that pivot table – so it is this below, which exactly matches what you generated!

PlanArea	(All)	▼
Age Restricted N		▼

Row Labels	Sum of SFD	Sum of SFA	Sum of APT	
2021	348	191	336	875
2022	402	300	708	1,410
2023	521	416	1234	2,171
2024	449	409	868	1,726
2025	259	287	645	1,191
2026	257	241	530	1,028
2027	275	71	491	837
2028	298	74	319	691
2029	299	48	318	665
2030	262	47	341	650
2031	321	68	508	897
2032	280	66	562	908
2033	305	87	441	833
2034	371	99	388	858
2035	308	91	266	665
2036	232	77	327	636
2037	322	127	398	847
2038	313	72	267	652
2039	289	47	191	527
2040	254	37	132	423
<b>Grand Total</b>	<b>6365</b>	<b>2855</b>	<b>9270</b>	<b>18,490</b>
	34%	15%	50%	100%

**From:** Bronow, Jeff

**Sent:** Monday, November 23, 2020 8:38 AM

**To:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>; Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>

**Subject:** RE: [External] RE: Annual projections

James,

One thing and I should have mentioned – age-restricted units should not be included in this product we give to Tim. The totals for each year for elementary schools, middle schools and high schools should end up adding to this below as a quality control check.

Jeff

PlanArea	(All)	▼
Age Restricted	N	▼

Row Labels	Sum of SFD	Sum of SFA	Sum of APT	
2021	335	191	190	716
2022	410	300	709	1,419
2023	526	416	1234	2,176
2024	449	409	1013	1,871
2025	259	287	645	1,191
2026	257	241	530	1,028
2027	275	71	491	837
2028	298	74	319	691
2029	299	48	318	665
2030	262	47	341	650
2031	321	68	508	897
2032	280	66	562	908
2033	305	87	441	833
2034	371	99	388	858
2035	308	91	266	665
2036	232	77	327	636
2037	322	127	398	847
2038	313	72	267	652
2039	289	47	191	527
2040	254	37	132	423
<b>Grand Total</b>	<b>6365</b>	<b>2855</b>	<b>9270</b>	<b>18,490</b>
	34%	15%	50%	100%

**From:** Wilkerson, James  
**Sent:** Friday, November 20, 2020 2:04 PM  
**To:** Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Cc:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>  
**Subject:** RE: [External] RE: Annual projections

Here's a breakdown of units by type and by projection year for each school district. The raw outputs (compiled from several GIS layers), a pivot table, and final table are included. I tried to format as close to your example as possible but for instances in which there is no unit type (namely MH) in a given district, there is no line for that item because there was nothing to sum. All of the data exists in GIS format, so it can be shared should you be interested in it.

2020 represents all of our "EX" units. Condos were summed together with non-condos for SFA and APT types. The projections go to 2040, because that's what our growth model projects, so feel free to drop or ignore the columns for years beyond your scope.

Please let me know if you have any questions about the data. I'll do the same for the polys once those are ready. Have a safe, relaxing, and enjoyable holiday break!

-James

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**From:** Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Sent:** Friday, November 20, 2020 12:06 PM  
**To:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>  
**Cc:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>  
**Subject:** RE: [External] RE: Annual projections

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James

Our process classifies all APT and SFA into one, whether they're condo or not. Thanks for considering what might be most helpful though.

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**From:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>  
**Sent:** Friday, November 20, 2020 10:46 AM  
**To:** Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Cc:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>  
**Subject:** RE: [External] RE: Annual projections

Tim, I noticed there's only a single column for both APT and SFA. Do you want me to combine condos into both or would it be any more insightful if I was to leave APT condo and APT SFA separate from their non-condo counterparts? Just want to confirm before proceeding.

-James

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**From:** Wilkerson, James  
**Sent:** Thursday, November 19, 2020 2:22 PM  
**To:** Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Cc:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>  
**Subject:** RE: [External] RE: Annual projections

Not a problem. I'll get the districts out of the way, since I'll be out all of next week and it sounds like we won't have polys today or tomorrow.

-James

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**From:** Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Sent:** Thursday, November 19, 2020 2:17 PM  
**To:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>  
**Cc:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>  
**Subject:** RE: [External] RE: Annual projections

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Hey James

All good.

Planning polygons aren't required to do districts. I need the district breakdown before I need the polygon breakdown, but neither is an emergency, yet. I hope to get you the polygons before Thanksgiving, so it's fine to wait and do both breakdowns at the same time. If I get you the updated polygons next week, it would be great to have the district-level breakdown by 12/4.

Thanks!

Tim

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**From:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>  
**Sent:** Thursday, November 19, 2020 2:08 PM  
**To:** Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Cc:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>  
**Subject:** RE: [External] RE: Annual projections

Hey, Tim. Just wanted to check in with you about the request for providing the data broken down by school district. Am I awaiting new district polygons from you before proceeding or am I ok to go ahead with the analysis or do I need to await the planning polys and do districts + polys simultaneously? If the timing isn't urgent, it would be simpler to do both together, since they'll require the same methodology; however, if you need the data by district ASAP, let me know and I'll get right to work on that. Apologies if I misunderstood anything in your last message.

-James

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**From:** Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Sent:** Tuesday, November 17, 2020 11:30 AM  
**To:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>; Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>  
**Subject:** RE: [External] RE: Annual projections

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This is great, Jeff! Now I'm just on hold for live birth counts from DHMH. I really appreciate the extra time!

James- What I need for the projection is the attached format. This is the same as what we've been getting from Jeff for years. I'm also going to need a breakdown by planning polygon, but we're adjusting a couple polygons this week so I'll follow up with that request later this week. You guys are awesome!

Thanks!  
Tim

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**From:** Bronow, Jeff <[jbronow@howardcountymd.gov](mailto:jbronow@howardcountymd.gov)>  
**Sent:** Tuesday, November 17, 2020 10:27 AM  
**To:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>; Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Subject:** [External] RE: Annual projections

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Please delete the first file I sent! It was an old one. The attached is the true final version.

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**From:** Bronow, Jeff  
**Sent:** Tuesday, November 17, 2020 10:24 AM  
**To:** Wilkerson, James <[jwilkerson@howardcountymd.gov](mailto:jwilkerson@howardcountymd.gov)>; Timothy D. Rogers <[Timothy\\_Rogers@hcpss.org](mailto:Timothy_Rogers@hcpss.org)>  
**Subject:** Annual projections

Hi Tim,

Attached are the annual projections – early this year!

Note there are two tabs—the first shows existing units and the second shows all the projected units.

I know you may have a different format that you wish the data to be in. James and I discussed this and he'll be able to assist, so please feel free to reach out to him.

By the way, are the Sept 30 official enrollment numbers out?

Jeff