
Boundary Advisory Committee

— Boundary Change Scenarios —
January 12, 2022

Projections

01

Explore historical data

- Elementary enrollment relatively stable K-5
- Growth seen in 7th and 9th grades, on average
- On average, 57 students added from 1st to 12th grade

02

Estimate kindergarten conversion rate from county birth rates

- Births are decreasing in the county
- Conversion rates average about 61%
- Based future conversion on 64% to limit outlier influence

03

Project ranges

- Project incoming kindergarten class based on birth rate conversion
- Move all prior grades forward one grade for 1-12 projections
- Base future grades on kindergarten start point and average loss/gain

Boundary Scenarios

- Three BPEC subcommittees suggested boundary changes: Elementary Staffing, Middle School Staffing, and ESOL
- Explored elementary scenarios first based on multiple criteria
 - Looked at buildings that require significant investment or have had the least amount of recent investment
 - Size: smaller sizes will fit easier into larger buildings
 - Current utilization and future capacity
- Explored middle school scenarios next, but was limited to only one option due to size constraints
- ESOL is a more complicated scenario and is still being explored

Boundary Scenarios

- Elementary schools selected for initial scenarios
 - Broken Arrow was selected based on needed building improvements and having had the least amount of recent building improvements, as well as size
 - Woodlawn was selected based on size
 - New York was selected based on size
 - Pinckney was selected based on size
- Middle school selected for initial scenarios
 - Liberty Memorial Central Middle School was selected bases on size and capacity (only possible option)

Boundary Scenarios

- Scenarios include middle and elementary buildings
 - Schools included in Scenario 1: Liberty Memorial Central, Broken Arrow, New York, Pinckney, Woodlawn
- Liberty Memorial Central would become an elementary school housing much of New York, Pinckney, and Woodlawn students
- Billy Mills would expand into Broken Arrow to include most of Liberty Memorial students
- Broken Arrow students would shift to Schwegler (space in Schwegler will be created through other boundary shifts into adjacent schools)

Boundary Scenarios

- Scenarios include middle and elementary buildings
 - Schools included in Scenario 2: Liberty Memorial Central, Broken Arrow, and either New York or Woodlawn
- Broken Arrow students would shift to Schwegler (space in Schwegler will be created through other boundary shifts into adjacent schools)
- Billy Mills would expand into Broken Arrow to include most of Liberty Memorial students

Boundary Scenarios

- Scenarios including middle and elementary buildings
 - Schools included in Scenarios 3 and 4: Broken Arrow and either New York or Woodlawn
- Moving students from Broken Arrow and Woodlawn
 - Broken Arrow students would shift to Schwegler (space in Schwegler will be created through other boundary shifts into adjacent schools)
 - Woodlawn students shift to New York and Pinckney (space in those buildings will be created through other boundary shifts into adjacent schools)
- Moving students from Broken Arrow and New York
 - Broken Arrow students would shift to Schwegler (space in Schwegler will be created through other boundary shifts into adjacent schools)
 - New York students shift to Cordley, Prairie Park, and Pinckney (space in those buildings will be created through other boundary shifts into adjacent schools)

Could not make a scenario with Broken Arrow and Pinckney work due to capacities at bordering schools.

Scenario 1:

Moving students from Broken Arrow, New York, Pinckney, Woodlawn and Liberty Memorial Central

Total	K	1	2	3	4	5	6	7	8	Total
Broken Arrow Elementary	0	0	0	0	0	0	0	0	0	0
Cordley Elementary	45	52	60	57	54	50	0	0	0	318
Deerfield Elementary	75	69	94	85	102	89	0	0	0	514
Hillcrest Elementary	58	59	60	67	59	56	0	0	0	359
Langston Hughes Elementary	73	91	70	93	82	99	0	0	0	508
New York Elementary	0	0	0	0	0	0	0	0	0	0
Pinckney Elementary	0	0	0	0	0	0	0	0	0	0
Prairie Park Elementary	68	59	67	72	60	55	0	0	0	381
Quail Run Elementary	86	66	55	64	79	68	0	0	0	418
Schwegler Elementary	71	68	68	72	81	65	0	0	0	425
Sunflower Elementary	85	79	86	82	83	77	0	0	0	492
Sunset Hill Elementary	70	66	62	71	74	77	0	0	0	420
Woodlawn Elementary	0	0	0	0	0	0	0	0	0	0
Billy Mills Middle School	0	0	0	0	0	0	327	294	337	958
Liberty Memorial Central Middle School	90	86	89	84	94	80	0	0	0	523
Southwest Middle School	0	0	0	0	0	0	237	216	236	689
West Middle School	0	0	0	0	0	0	214	194	230	638
	721	695	711	747	768	716	778	704	803	6643

<u>Total</u>	Student Count	Capacity	85%	Difference
Broken Arrow Elementary	0	350	297.5	-
Cordley Elementary	318	375	318.75	0.75
Deerfield Elementary	514	575	488.75	-25.25
Hillcrest Elementary	359	450	382.5	23.5
Langston Hughes Elementary	508	600	510	2
New York Elementary	0	300	255	-
Pinckney Elementary	0	350	297.5	-
Prairie Park Elementary	381	475	403.75	22.75
Quail Run Elementary	418	500	425	7
Schwegler Elementary	425	500	425	0
Sunflower Elementary	492	575	488.75	-3.25
Sunset Hill Elementary	420	475	403.75	-16.25
Woodlawn Elementary	0	300	255	-
Billy Mills Middle School	958	1150	977.5	19.5
Liberty Memorial Central Middle School	523	625	531.25	8.25
Southwest Middle School	689	800	680	-9
West Middle School	638	800	680	42
Total	6643	9200	7820	72

<u>ESOL</u>	K	1	2	3	4	5	6	7	8	Total
Broken Arrow Elementary	0	0	0	0	0	0	0	0	0	0
Cordley Elementary	8	12	6	7	8	2	0	0	0	43
Deerfield Elementary	4	4	5	2	2	3	0	0	0	20
Hillcrest Elementary	23	30	22	25	33	22	0	0	0	155
Langston Hughes Elementary	15	7	11	9	8	5	0	0	0	55
New York Elementary	0	0	0	0	0	0	0	0	0	0
Pinckney Elementary	0	0	0	0	0	0	0	0	0	0
Prairie Park Elementary	4	3	5	2	2	1	0	0	0	17
Quail Run Elementary	2	7	2	2	6	1	0	0	0	20
Schwegler Elementary	9	7	13	6	9	6	0	0	0	50
Sunflower Elementary	7	10	9	7	9	3	0	0	0	45
Sunset Hill Elementary	3	3	1	2	3	2	0	0	0	14
Woodlawn Elementary	0	0	0	0	0	0	0	0	0	0
Billy Mills Middle School	0	0	0	0	0	0	30	22	26	78
Liberty Memorial Central Middle School	2	3	4	0	0	1	0	0	0	10
Southwest Middle School	0	0	0	0	0	0	11	8	16	35
West Middle School	0	0	0	0	0	0	9	14	8	31
	77	86	78	62	80	46	50	44	50	573

SPED	K	1	2	3	4	5	6	7	8	Total
Broken Arrow Elementary	0	0	0	0	0	0	0	0	0	0
Cordley Elementary	7	2	9	13	10	7	0	0	0	48
Deerfield Elementary	3	6	8	14	16	16	0	0	0	63
Hillcrest Elementary	5	8	6	9	9	7	0	0	0	44
Langston Hughes Elementary	1	9	7	15	13	7	0	0	0	52
New York Elementary	0	0	0	0	0	0	0	0	0	0
Pinckney Elementary	0	0	0	0	0	0	0	0	0	0
Prairie Park Elementary	7	11	7	13	11	10	0	0	0	59
Quail Run Elementary	11	5	6	6	19	9	0	0	0	56
Schwegler Elementary	4	6	9	15	16	10	0	0	0	60
Sunflower Elementary	12	7	10	15	12	12	0	0	0	68
Sunset Hill Elementary	3	6	12	8	11	9	0	0	0	49
Woodlawn Elementary	0	0	0	0	0	0	0	0	0	0
Billy Mills Middle School	0	0	0	0	0	0	64	49	64	177
Liberty Memorial Central Middle School	10	12	14	21	24	14	0	0	0	95
Southwest Middle School	0	0	0	0	0	0	32	27	29	88
West Middle School	0	0	0	0	0	0	37	32	32	101
	63	72	88	129	141	101	133	108	125	960

F/R Lunch	K	1	2	3	4	5	6	7	8	Total
Broken Arrow Elementary	0	0	0	0	0	0	0	0	0	0
Cordley Elementary	14	17	20	21	23	19	0	0	0	114
Deerfield Elementary	11	8	15	17	20	13	0	0	0	84
Hillcrest Elementary	22	30	23	32	28	27	0	0	0	162
Langston Hughes Elementary	8	6	11	6	10	9	0	0	0	50
New York Elementary	0	0	0	0	0	0	0	0	0	0
Pinckney Elementary	0	0	0	0	0	0	0	0	0	0
Prairie Park Elementary	32	23	23	36	27	20	0	0	0	161
Quail Run Elementary	12	15	16	11	14	13	0	0	0	81
Schwegler Elementary	27	31	32	33	40	28	0	0	0	191
Sunflower Elementary	27	20	20	27	25	29	0	0	0	148
Sunset Hill Elementary	24	28	18	22	23	28	0	0	0	143
Woodlawn Elementary	0	0	0	0	0	0	0	0	0	0
Billy Mills Middle School	0	0	0	0	0	0	130	121	130	381
Liberty Memorial Central Middle School	39	39	40	43	38	29	0	0	0	228
Southwest Middle School	0	0	0	0	0	0	32	34	36	102
West Middle School	0	0	0	0	0	0	62	63	68	193
	216	217	218	248	248	215	224	218	234	2038

Scenario 2:

Moving students from either Scenario 3 or Scenario 4 and moving students from Liberty Memorial Central Elementary School

<u>Total</u>	6	7	8	Total
Billy Mills Middle School	327	294	337	958
Liberty Memorial Central Middle School	0	0	0	0
Southwest Middle School	237	216	236	689
West Middle School	214	194	230	638
	778	704	803	2285

<u>Total</u>	Student Count	Capacity	85%	Difference
Billy Mills Middle School	958	1150	977.5	19.5
Liberty Memorial Central Middle School	0	625	531.25	-
Southwest Middle School	689	800	680	-9
West Middle School	638	800	680	42
Total	2285	3375	2868.75	52.5

<u>ESOL</u>	6	7	8	Total
Billy Mills Middle School	30	22	26	78
Liberty Memorial Central Middle School	0	0	0	0
Southwest Middle School	11	8	16	35
West Middle School	9	14	8	31
	50	44	50	144

<u>SPED</u>	6	7	8	Total
Billy Mills Middle School	64	49	64	177
Liberty Memorial Central Middle School	0	0	0	0
Southwest Middle School	32	27	29	88
West Middle School	37	32	32	101
	133	108	125	366

F/R Lunch	6	7	8	Total
Billy Mills Middle School	130	121	130	381
Liberty Memorial Central Middle School	0	0	0	0
Southwest Middle School	32	34	36	102
West Middle School	62	63	68	193
	224	218	234	2038

Scenario 3:

Moving students from Broken Arrow and Woodlawn

<u>Total</u>	K	1	2	3	4	5	Total
Broken Arrow Elementary	0	0	0	0	0	0	0
Cordley Elementary	43	48	57	50	52	42	292
Deerfield Elementary	74	68	89	82	95	83	491
Hillcrest Elementary	58	59	61	67	59	56	360
Langston Hughes Elementary	74	92	70	93	82	100	511
New York Elementary	40	43	37	49	52	44	265
Pinckney Elementary	52	47	57	42	47	44	289
Prairie Park Elementary	68	59	67	72	60	55	381
Quail Run Elementary	86	66	57	64	80	70	423
Schwegler Elementary	71	68	68	72	82	66	427
Sunflower Elementary	85	79	86	83	83	77	493
Sunset Hill Elementary	70	66	62	73	76	79	426
Woodlawn Elementary	0	0	0	0	0	0	0
	721	695	711	747	768	716	4358

<u>Total</u>	Student Count	Capacity	85%	Difference
Broken Arrow Elementary	0	350	297.5	-
Cordley Elementary	292	375	318.75	26.75
Deerfield Elementary	491	575	488.75	-2.25
Hillcrest Elementary	360	450	382.5	22.5
Langston Hughes Elementary	511	600	510	-1
New York Elementary	265	300	255	-10
Pinckney Elementary	289	350	297.5	8.5
Prairie Park Elementary	381	475	403.75	22.75
Quail Run Elementary	423	500	425	2
Schwegler Elementary	427	500	425	-2
Sunflower Elementary	493	575	488.75	-4.25
Sunset Hill Elementary	426	475	403.75	-22.25
Woodlawn Elementary	0	300	255	-

<u>ESOL</u>	K	1	2	3	4	5	Total
Broken Arrow Elementary	0	0	0	0	0	0	0
Cordley Elementary	8	12	6	7	8	2	43
Deerfield Elementary	4	4	5	2	2	3	20
Hillcrest Elementary	23	30	22	25	33	22	155
Langston Hughes Elementary	15	7	11	9	8	6	56
New York Elementary	0	0	1	0	0	1	2
Pinckney Elementary	2	3	3	0	0	0	8
Prairie Park Elementary	4	3	5	2	2	1	17
Quail Run Elementary	2	7	2	2	6	0	19
Schwegler Elementary	9	7	13	6	9	6	50
Sunflower Elementary	7	10	9	7	9	3	45
Sunset Hill Elementary	3	3	1	2	3	2	14
Woodlawn Elementary	0	0	0	0	0	0	0
	77	86	78	62	80	46	429

<u>SPED</u>	K	1	2	3	4	5	Total
Broken Arrow Elementary	0	0	0	0	0	0	0
Cordley Elementary	7	2	9	11	9	6	44
Deerfield Elementary	2	6	8	13	14	15	58
Hillcrest Elementary	5	8	6	9	9	7	44
Langston Hughes Elementary	2	9	7	15	13	8	54
New York Elementary	5	5	5	12	15	7	49
Pinckney Elementary	5	7	9	11	11	8	51
Prairie Park Elementary	7	11	7	13	11	10	59
Quail Run Elementary	11	5	6	6	19	8	55
Schwegler Elementary	4	6	9	15	17	11	62
Sunflower Elementary	12	7	10	16	12	12	69
Sunset Hill Elementary	3	6	12	8	11	9	49
Woodlawn Elementary	0	0	0	0	0	0	0
	63	72	88	129	141	101	594

<u>F/R Lunch</u>	K	1	2	3	4	5	Total
Broken Arrow Elementary	0	0	0	0	0	0	0
Cordley Elementary	14	16	18	19	22	14	103
Deerfield Elementary	11	8	14	16	15	13	77
Hillcrest Elementary	22	30	23	32	28	27	162
Langston Hughes Elementary	8	6	11	6	10	9	50
New York Elementary	18	21	19	23	27	16	124
Pinckney Elementary	21	19	24	22	14	18	118
Prairie Park Elementary	32	23	23	36	27	20	161
Quail Run Elementary	12	15	16	11	14	13	81
Schwegler Elementary	27	31	32	33	41	28	192
Sunflower Elementary	27	20	20	28	25	29	149
Sunset Hill Elementary	24	28	18	22	25	28	145
Woodlawn Elementary	0	0	0	0	0	0	0
	216	217	218	248	248	215	1362

Scenario 4:

Moving students from Broken Arrow and New York

Total	K	1	2	3	4	5	Total
Broken Arrow Elementary	0	0	0	0	0	0	0
Cordley Elementary	46	52	60	56	55	50	319
Deerfield Elementary	75	69	94	85	102	89	514
Hillcrest Elementary	58	59	62	67	59	56	361
Langston Hughes Elementary	73	91	70	93	82	99	508
New York Elementary	0	0	0	0	0	0	0
Pinckney Elementary	43	47	45	46	53	47	281
Prairie Park Elementary	76	67	75	79	65	59	421
Quail Run Elementary	86	66	55	64	79	68	418
Schwegler Elementary	71	68	68	72	81	65	425
Sunflower Elementary	85	79	86	82	83	77	492
Sunset Hill Elementary	70	66	60	71	74	77	418
Woodlawn Elementary	38	31	36	32	35	29	201
	721	695	711	747	768	716	4358

Total	Student Count	Capacity	85%	Difference
Broken Arrow Elementary	0	350	297.5	-
Cordley Elementary	319	375	318.75	-0.25
Deerfield Elementary	514	575	488.75	-25.25
Hillcrest Elementary	361	450	382.5	21.5
Langston Hughes Elementary	508	600	510	2
New York Elementary	0	300	255	-
Pinckney Elementary	281	350	297.5	16.5
Prairie Park Elementary	421	475	403.75	-17.25
Quail Run Elementary	418	500	425	7
Schwegler Elementary	425	500	425	0
Sunflower Elementary	492	575	488.75	-3.25
Sunset Hill Elementary	418	475	403.75	-14.25
Woodlawn Elementary	201	300	255	54
Total	4358	5825	4951.25	40.75

ESOL	K	1	2	3	4	5	Total
Broken Arrow Elementary	0	0	0	0	0	0	0
Cordley Elementary	8	12	6	7	8	2	43
Deerfield Elementary	4	4	5	2	2	3	20
Hillcrest Elementary	23	30	22	25	33	22	155
Langston Hughes Elementary	15	7	11	9	8	5	55
New York Elementary	0	0	0	0	0	0	0
Pinckney Elementary	1	3	3	0	0	1	8
Prairie Park Elementary	4	3	5	2	2	1	17
Quail Run Elementary	2	7	2	2	6	1	20
Schwegler Elementary	9	7	13	6	9	6	50
Sunflower Elementary	7	10	9	7	9	3	45
Sunset Hill Elementary	3	3	1	2	3	2	14
Woodlawn Elementary	1	0	1	0	0	0	2
	77	86	78	62	80	46	429

SPED	K	1	2	3	4	5	Total
Broken Arrow Elementary	0	0	0	0	0	0	0
Cordley Elementary	7	2	9	13	10	7	48
Deerfield Elementary	3	6	8	14	16	16	63
Hillcrest Elementary	5	8	6	9	9	7	44
Langston Hughes Elementary	1	9	7	15	13	7	52
New York Elementary	0	0	0	0	0	0	0
Pinckney Elementary	4	6	11	9	14	8	52
Prairie Park Elementary	8	13	8	15	14	12	70
Quail Run Elementary	11	5	6	6	19	9	56
Schwegler Elementary	4	6	9	15	16	10	60
Sunflower Elementary	12	7	10	15	12	12	68
Sunset Hill Elementary	3	6	12	8	11	9	49
Woodlawn Elementary	5	4	2	10	7	4	32
	63	72	88	129	141	101	594

<u>F/R Lunch</u>	K	1	2	3	4	5	Total
Broken Arrow Elementary	0	0	0	0	0	0	0
Cordley Elementary	14	17	20	21	23	19	114
Deerfield Elementary	11	8	15	17	20	13	84
Hillcrest Elementary	22	30	23	32	28	27	162
Langston Hughes Elementary	8	6	11	6	10	9	50
New York Elementary	0	0	0	0	0	0	0
Pinckney Elementary	19	23	19	24	21	18	124
Prairie Park Elementary	37	28	28	41	31	23	188
Quail Run Elementary	12	15	16	11	14	13	81
Schwegler Elementary	27	31	32	33	40	28	191
Sunflower Elementary	27	20	20	27	25	29	148
Sunset Hill Elementary	24	28	18	22	23	28	143
Woodlawn Elementary	15	11	16	14	13	8	77
	216	217	218	248	248	215	1362