

OCS

ONSLOW
COUNTY
SCHOOLS



Onslow County Schools

Future Construction Proposal

200 Broadhurst Road
Jacksonville, NC 28540
onslow.k12.nc.us
910.455.2211

PRESENTED BY:
Brendan Gartner, Chief of Operations
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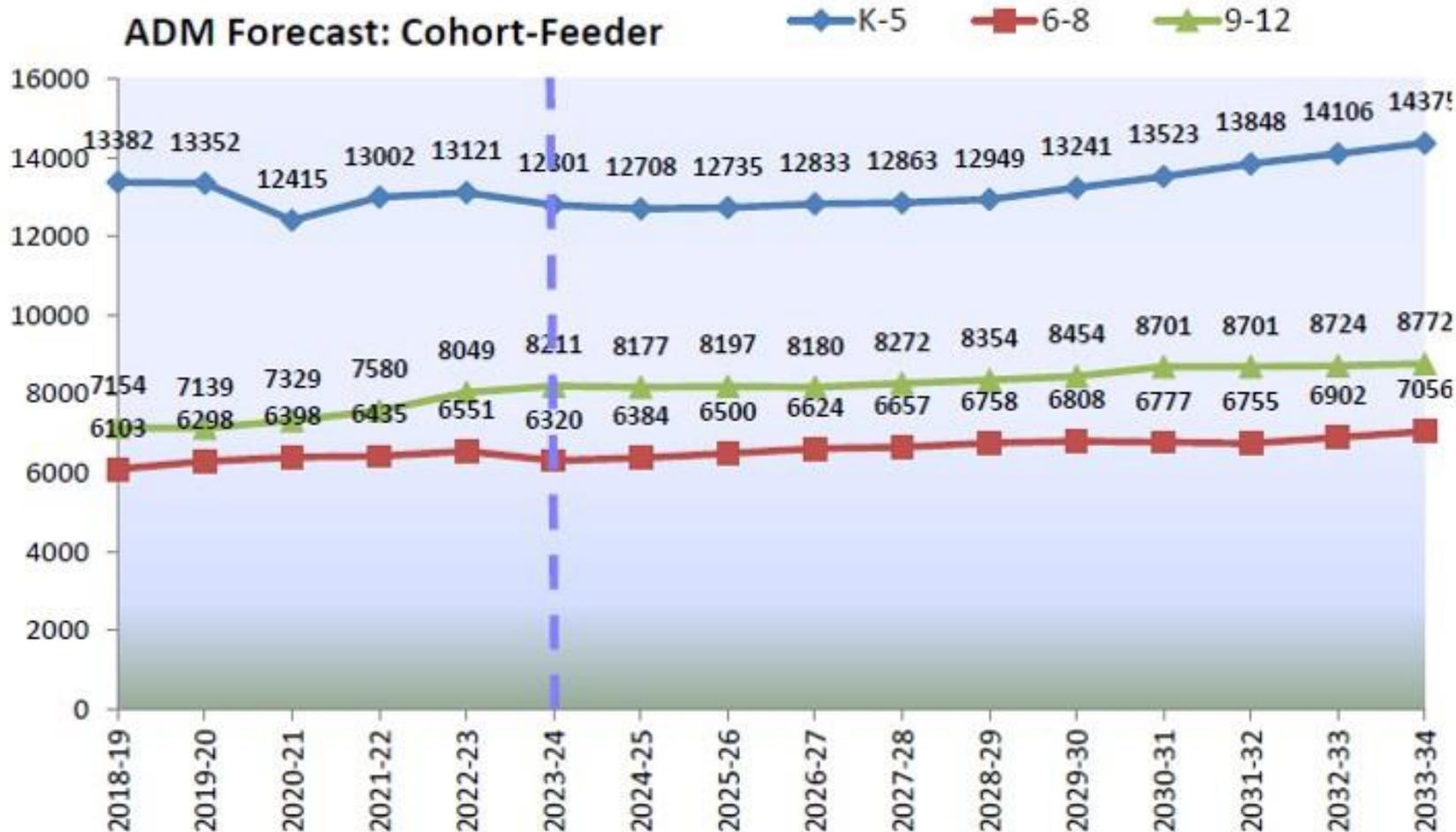
Future Construction Planning

- Onslow County continues to grow rapidly
- Additional Onslow County Schools facilities are needed to keep pace with the growing population and provide the most efficient, effective services to the students, staff, and community
- Planning future construction allows the Board of Education and County Government to plan appropriately
- Construction planning utilizes third-party research and information on residential and commercial construction and student population trends to inform and support the need for the construction of new school system facilities and the expansion and renovation of others.

Future Construction Planning

- It is intended to be an informational foundation for school and local officials to inform planning which will allow for the collaborative creation of a plan which best suits the future needs of Onslow County Schools and the wider Onslow County community

Student Population Trends



Ten-Year Student Enrollment Forecast (OREd, 2024)

Student Population Trends

- According to projections from Operations Research and Education Library (OREd) at North Carolina State University, the student population will increase steadily over the next ten years
- An annual growth rate of 1.48% per year over the next ten years
 - Historical growth rate is 0.95%
- Growth across the district is not uniform
 - Sneads Ferry/Dixon , White Oak, and the Richlands areas are expected to see the most rapid growth
 - In general, the City of Jacksonville is forecast to see the comparatively slower growth

Student Enrollment Forecasts - Elementary*

Elementary Schools
 Bell Fork Elementary
 Blue Creek Elementary
 Carolina Forest Elementary
 Clyde Erwin Elementary
 Dixon Elementary
 Hunters Creek Elementary
 Jacksonville Commons Elem
 Meadow View Elementary
 Morton Elementary
 Northwoods Elementary
 Parkwood Elementary
 Queens Creek Elementary
 Heritage Elementary School
 Richlands Elementary
 Sand Ridge Elementary
 Silverdale Elementary
 Southwest Elementary
 Stateside Elementary
 Summersill Elementary
 Swansboro Elementary
 Coastal Elementary (2021-22)
 Clear View Elementary (2022-23)
 Onslow Virtual School (K-5)
Totals

| Capacities | Month-2 | Forecasted Month-2 ADM | | | | | | | | | |
|--------------|--------------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | 2023-24 | 2022-23 | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | 2030-31 |
| 544 | 552 | 569 | 567 | 563 | 553 | 553 | 544 | 541 | 549 | 561 | 572 |
| 521 | 484 | 484 | 501 | 498 | 515 | 512 | 496 | 499 | 506 | 517 | 528 |
| 588 | 679 | 682 | 700 | 691 | 703 | 708 | 733 | 740 | 738 | 752 | 765 |
| 376 | 340 | 362 | 351 | 347 | 354 | 358 | 361 | 364 | 369 | 377 | 385 |
| 619 | 713 | 729 | 741 | 728 | 730 | 746 | 760 | 782 | 794 | 809 | 846 |
| 604 | 634 | 656 | 664 | 675 | 679 | 668 | 651 | 652 | 661 | 676 | 690 |
| 563 | 539 | 543 | 552 | 556 | 549 | 547 | 536 | 534 | 544 | 533 | 549 |
| 652 | 529 | 523 | 505 | 501 | 500 | 506 | 526 | 524 | 533 | 545 | 556 |
| 588 | 672 | 708 | 735 | 752 | 766 | 739 | 750 | 754 | 765 | 782 | 798 |
| 416 | 356 | 343 | 337 | 328 | 337 | 328 | 328 | 331 | 336 | 344 | 350 |
| 481 | 501 | 501 | 494 | 473 | 457 | 454 | 455 | 458 | 465 | 475 | 485 |
| 563 | 728 | 740 | 724 | 741 | 745 | 719 | 720 | 724 | 735 | 751 | 766 |
| 588 | 538 | 544 | 534 | 539 | 547 | 536 | 540 | 544 | 552 | 565 | 576 |
| 897 | 641 | 664 | 667 | 672 | 684 | 678 | 693 | 698 | 709 | 725 | 740 |
| 573 | 583 | 593 | 589 | 594 | 591 | 597 | 616 | 602 | 593 | 607 | 619 |
| 465 | 611 | 678 | 712 | 746 | 752 | 763 | 767 | 773 | 786 | 793 | 811 |
| 546 | 713 | 704 | 699 | 722 | 719 | 712 | 721 | 727 | 740 | 739 | 752 |
| 636 | 567 | 559 | 561 | 548 | 541 | 555 | 564 | 569 | 577 | 590 | 602 |
| 619 | 486 | 508 | 508 | 514 | 512 | 513 | 499 | 502 | 509 | 521 | 532 |
| 537 | 667 | 664 | 656 | 649 | 665 | 656 | 654 | 658 | 674 | 693 | 707 |
| 840 | 818 | 880 | 938 | 963 | 974 | 984 | 967 | 987 | 1007 | 1042 | 1042 |
| 840 | 582 | 621 | 646 | 661 | 671 | 687 | 739 | 747 | 741 | 746 | 769 |
| | 384 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 13056 | 13317 | 13403 | 13530 | 13610 | 13694 | 13667 | 13769 | 13859 | 14034 | 14294 | 14589 |

* Does not include the effects of the opening of Woodland Elementary
 Ten-Year School Capacity Forecast (OREd, 2024)

Student Enrollment Forecasts - Middle

Middle Schools

Dixon Middle
 Hunters Creek Middle
 Jacksonville Commons Middle
 New Bridge Middle
 Northwoods Park Middle
 Southwest Middle
 Swansboro Middle
 Trexler Middle

Onslow Virtual School (6-8)

Totals

| Capacities | Month-2 | Forecasted Month-2 ADM | | | | | | | | | |
|---------------|-------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | 2030-31 | 2031-32 | 2032-33 |
| 1003 | 975 | 988 | 1023 | 1052 | 1113 | 1202 | 1232 | 1246 | 1229 | 1253 | 1299 |
| 826 | 890 | 907 | 924 | 976 | 1001 | 1018 | 1073 | 1085 | 1110 | 1131 | 1149 |
| 852 | 963 | 924 | 930 | 922 | 891 | 867 | 870 | 879 | 901 | 917 | 940 |
| 504 | 460 | 461 | 493 | 507 | 519 | 514 | 510 | 500 | 491 | 502 | 511 |
| 720 | 642 | 615 | 624 | 634 | 648 | 643 | 637 | 625 | 615 | 627 | 639 |
| 518 | 519 | 490 | 471 | 453 | 461 | 485 | 490 | 489 | 479 | 499 | 506 |
| 912 | 954 | 1049 | 1053 | 1048 | 989 | 987 | 978 | 934 | 909 | 911 | 930 |
| 940 | 760 | 774 | 806 | 859 | 859 | 867 | 843 | 844 | 847 | 887 | 908 |
| | 157 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 | 175 |
| Totals | 6275 | 6320 | 6384 | 6500 | 6624 | 6657 | 6758 | 6808 | 6777 | 6755 | 7056 |

Ten-Year School Capacity Forecast (OREd, 2024)

Student Enrollment Forecasts - High

High Schools

Dixon High
 Jacksonville High
 Northside High
 Richlands High
 Southwest High
 Swansboro High
 White Oak High
 Onslow Early College
 Onslow Virtual School (9-12)
 Totals

| Capacities | Month-2 2022-23 | Forecasted Month-2 ADM | | | | | | | | | |
|---------------|--------------------|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | | 2023-24 | 2024-25 | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | 2030-31 | 2031-32 | 2032-33 |
| 957 | 1187 | 964 | 987 | 1030 | 1011 | 1034 | 1062 | 1081 | 1073 | 1117 | 1095 |
| 1476 | 1443 | 1421 | 1407 | 1384 | 1396 | 1433 | 1440 | 1478 | 1490 | 1455 | 1455 |
| 1177 | 1069 | 1064 | 1069 | 1065 | 1066 | 1079 | 1087 | 1103 | 1103 | 1091 | 1090 |
| 928 | 1038 | 1054 | 1058 | 1060 | 1075 | 1093 | 1135 | 1200 | 1189 | 1171 | 1184 |
| 1016 | 674 | 866 | 860 | 863 | 862 | 838 | 817 | 822 | 841 | 838 | 857 |
| 1240 | 1181 | 1156 | 1168 | 1194 | 1207 | 1193 | 1216 | 1223 | 1210 | 1198 | 1186 |
| 1303 | 1216 | 1239 | 1235 | 1172 | 1242 | 1273 | 1285 | 1383 | 1383 | 1442 | 1493 |
| 200 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 | 187 |
| | 216 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 | 225 |
| Totals | 8211 | 8177 | 8197 | 8180 | 8272 | 8354 | 8454 | 8701 | 8701 | 8724 | 8772 |

Ten-Year School Capacity Forecast (OREd, 2024)

Student Enrollment Forecasts By District

Dixon

| Capacities | Month 2 ADM | | | | | | | | | | | |
|--------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| 2023-2024 | 2023-2024 | 2024-2025 | 2025-2026 | 2026-2027 | 2027-2028 | 2028-2029 | 2029-2030 | 2030-2031 | 2031-2032 | 2032-2033 | 2033-2034 | |
| Dixon High | 957 | 1187 | 964 | 987 | 1030 | 1011 | 1034 | 1062 | 1081 | 1073 | 1117 | 1095 |
| Dixon Middle | 1003 | 975 | 988 | 1023 | 1052 | 1113 | 1202 | 1232 | 1246 | 1229 | 1253 | 1299 |
| Coastal Elementary | 840 | 830 | 874 | 923 | 947 | 989 | 999 | 1048 | 1098 | 1152 | 1196 | 1233 |
| Dixon Elementary | 619 | 710 | 711 | 697 | 708 | 705 | 711 | 717 | 736 | 754 | 771 | 802 |

Jacksonville

| | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Jacksonville High | 1476 | 1443 | 1421 | 1407 | 1384 | 1396 | 1433 | 1440 | 1478 | 1490 | 1455 | 1455 |
| New Bridge Middle | 504 | 460 | 461 | 493 | 507 | 519 | 514 | 510 | 500 | 491 | 502 | 511 |
| Northwoods Park Middle | 720 | 642 | 615 | 624 | 634 | 648 | 643 | 637 | 625 | 615 | 627 | 639 |
| Bell Fork Elementary | 544 | 542 | 526 | 519 | 510 | 514 | 515 | 520 | 526 | 534 | 536 | 549 |
| Clyde Erwin Elementary | 376 | 302 | 286 | 279 | 281 | 283 | 279 | 286 | 289 | 293 | 296 | 299 |
| Northwoods Elementary | 416 | 407 | 428 | 437 | 448 | 430 | 432 | 432 | 436 | 443 | 448 | 453 |
| Parkwood Elementary | 481 | 475 | 455 | 441 | 429 | 427 | 425 | 429 | 434 | 440 | 445 | 450 |
| Summersill Elementary | 619 | 461 | 448 | 449 | 451 | 453 | 455 | 474 | 487 | 500 | 510 | 517 |

Ten-Year School Capacity Forecast (OREd, 2024)

Student Enrollment Forecasts By District

Northside

| | Capacities | Month 2 ADM | | | | | | | | | | |
|---------------------------------|------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 2023-2024 | 2023-2024 | 2024-2025 | 2025-2026 | 2026-2027 | 2027-2028 | 2028-2029 | 2029-2030 | 2030-2031 | 2031-2032 | 2032-2033 | 2033-2034 |
| Northside High | 1177 | 1069 | 1064 | 1069 | 1065 | 1066 | 1079 | 1087 | 1103 | 1103 | 1091 | 1090 |
| Jacksonville Commons Middle | 852 | 963 | 924 | 930 | 922 | 891 | 867 | 870 | 879 | 901 | 917 | 940 |
| Carolina Forest Elementary | 588 | 633 | 607 | 589 | 583 | 581 | 594 | 617 | 645 | 670 | 688 | 700 |
| Jacksonville Commons Elementary | 563 | 505 | 498 | 486 | 476 | 476 | 483 | 485 | 493 | 501 | 506 | 514 |

Richlands

| | | | | | | | | | | | | |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Richlands High | 928 | 1038 | 1054 | 1058 | 1060 | 1075 | 1093 | 1135 | 1200 | 1189 | 1171 | 1184 |
| Trexler Middle | 1122 | 760 | 774 | 806 | 859 | 859 | 867 | 843 | 844 | 847 | 887 | 908 |
| Clear View Elementary | 840 | 582 | 573 | 579 | 591 | 610 | 629 | 656 | 683 | 711 | 734 | 753 |
| Heritage Elementary | 588 | 530 | 527 | 527 | 522 | 522 | 520 | 527 | 523 | 534 | 538 | 540 |
| Richlands Elementary | 897 | 621 | 621 | 627 | 625 | 629 | 634 | 658 | 680 | 690 | 711 | 728 |
| Stateside Elementary | 636 | 559 | 559 | 539 | 533 | 537 | 538 | 555 | 568 | 573 | 587 | 598 |

Ten-Year School Capacity Forecast (OREd, 2024)

Student Enrollment Forecasts By District

Southwest

| Capacities | Month 2 ADM | | | | | | | | | | | |
|------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 2023-2024 | 2023-2024 | 2024-2025 | 2025-2026 | 2026-2027 | 2027-2028 | 2028-2029 | 2029-2030 | 2030-2031 | 2031-2032 | 2032-2033 | 2033-2034 | |
| Southwest High | 1016 | 674 | 866 | 860 | 863 | 862 | 838 | 817 | 822 | 841 | 838 | 857 |
| Southwest Middle | 518 | 519 | 490 | 471 | 453 | 461 | 485 | 490 | 489 | 479 | 499 | 506 |
| Blue Creek Elementary | 521 | 466 | 483 | 485 | 507 | 509 | 501 | 510 | 515 | 523 | 529 | 535 |
| Meadow View Elementary | 652 | 499 | 483 | 490 | 492 | 494 | 501 | 518 | 524 | 532 | 538 | 543 |
| Southwest Elementary | 546 | 718 | 709 | 737 | 737 | 739 | 731 | 748 | 755 | 767 | 776 | 784 |

Swansboro*

| | | | | | | | | | | | | |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Swansboro High | 1240 | 1181 | 1156 | 1168 | 1194 | 1207 | 1193 | 1216 | 1223 | 1210 | 1198 | 1186 |
| Swansboro Middle | 912 | 954 | 1049 | 1053 | 1048 | 989 | 987 | 978 | 934 | 909 | 911 | 930 |
| Queens Creek Elementary | 563 | 710 | 678 | 557 | 553 | 534 | 533 | 543 | 552 | 565 | 580 | 592 |
| Sand Ridge Elementary | 573 | 557 | 522 | 525 | 523 | 524 | 522 | 525 | 531 | 539 | 545 | 550 |
| Swansboro Elementary | 537 | 633 | 606 | 596 | 588 | 571 | 566 | 570 | 581 | 593 | 603 | 619 |

* Does not include the effects of the opening of Woodland Elementary
 Ten-Year School Capacity Forecast (OREd, 2024)

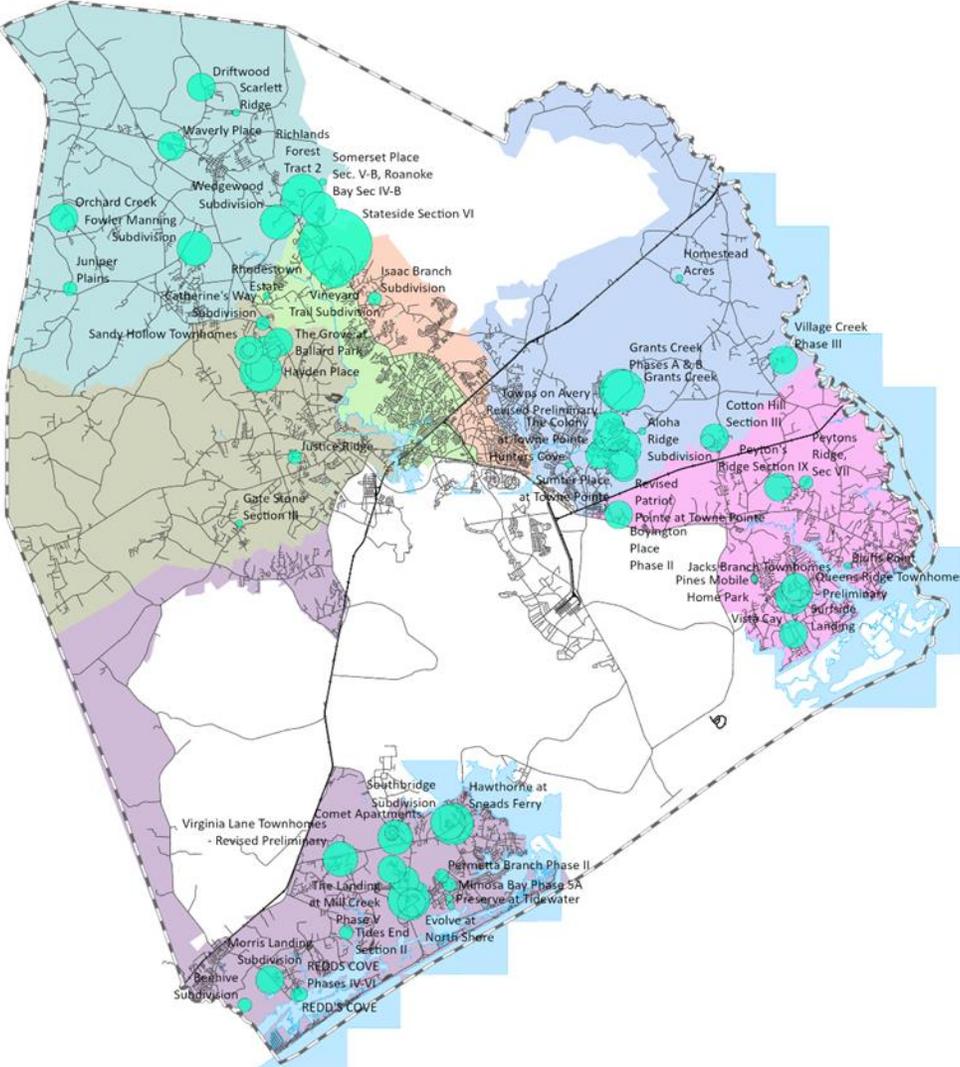
Student Enrollment Forecasts By District

White Oak*

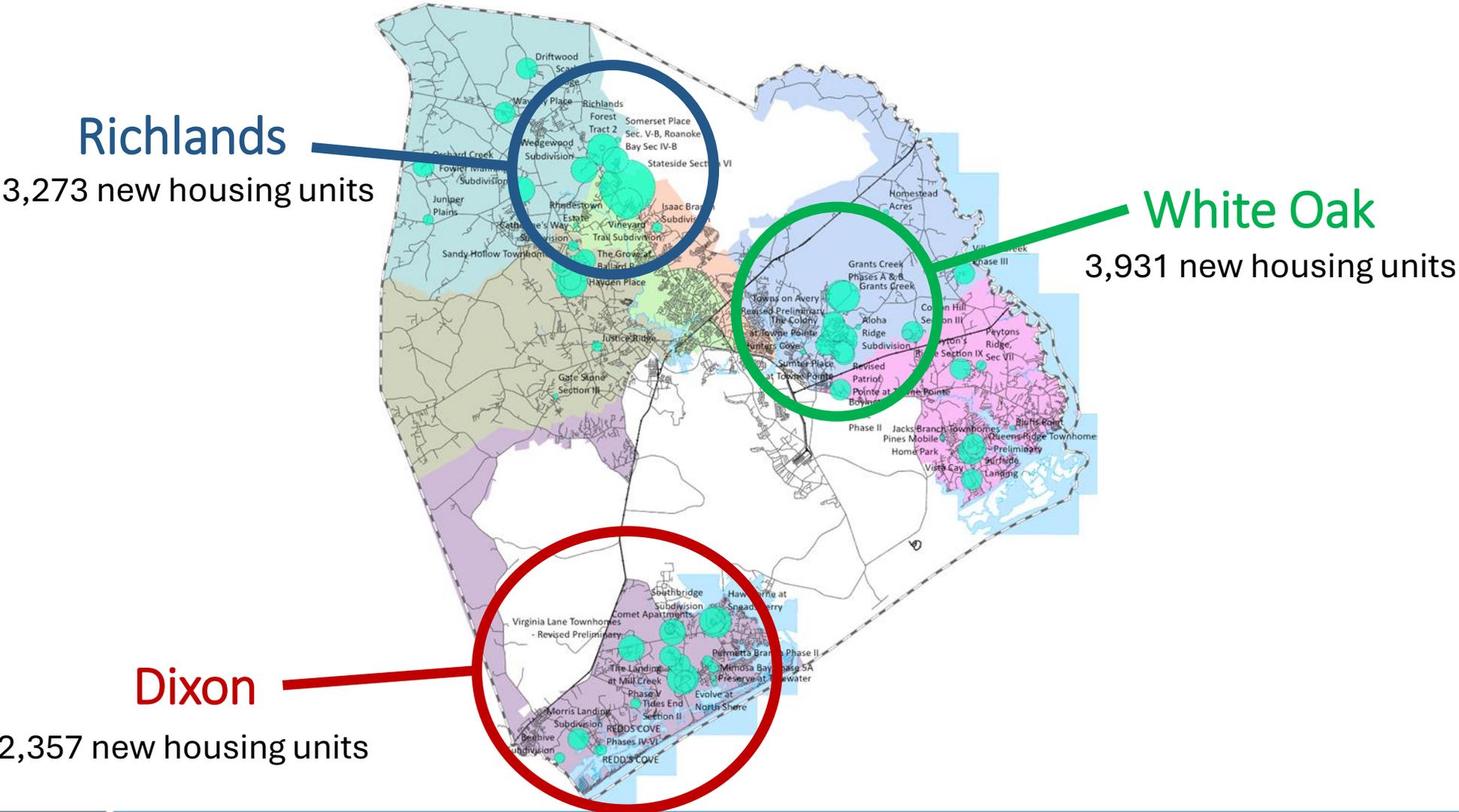
| Capacities | Month 2 ADM | | | | | | | | | | | |
|--------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------|
| 2023-2024 | 2023-2024 | 2024-2025 | 2025-2026 | 2026-2027 | 2027-2028 | 2028-2029 | 2029-2030 | 2030-2031 | 2031-2032 | 2032-2033 | 2033-2034 | |
| White Oak High | 1303 | 1216 | 1239 | 1235 | 1172 | 1242 | 1273 | 1285 | 1383 | 1383 | 1442 | 1493 |
| Hunters Creek Middle | 826 | 890 | 907 | 924 | 976 | 1001 | 1018 | 1073 | 1085 | 1110 | 1131 | 1149 |
| Hunters Creek Elementary | 604 | 609 | 610 | 614 | 627 | 620 | 626 | 629 | 635 | 645 | 652 | 659 |
| Morton Elementary | 588 | 712 | 710 | 573 | 598 | 598 | 620 | 621 | 633 | 650 | 663 | 673 |
| Silverdale Elementary | 465 | 631 | 643 | 444 | 463 | 471 | 480 | 497 | 513 | 533 | 541 | 556 |
| Woodland Elementary | 840 | 0 | 0 | 677 | 696 | 704 | 713 | 730 | 746 | 766 | 774 | 789 |

* Does not include the effects of the opening of Woodland Elementary
 Ten-Year School Capacity Forecast (OREd, 2024)

Onslow County Planned Home Construction



Onslow County Planned Home Construction



Projected School Construction Needs

| School Level | Projected 2034 Student Population | Projected Student Population Increase | School Size | Additional Schools Needed by 2034 |
|--------------|-----------------------------------|---------------------------------------|-------------|-----------------------------------|
| Elementary | 14,375 | 1,436 | 800 | 1.8 |
| Middle | 7,056 | 736 | 800 | 0.92 |
| High | 8,772 | 561 | 1000 | 0.56 |
| Total | 30,203 | 2,733 | | |

Projected New Construction Costs*

| Grade Level | Operational Capacity | Square Feet | Estimated Cost | Cost per Square Foot |
|-------------|----------------------|-------------|----------------|----------------------|
| Elementary | 800 | 110,601 | \$49,500,000 | \$477.55 |
| Middle | 800 | 180,944 | \$68,800,000 | \$443.44 |
| High | 1000 | 216,900 | \$98,000,000 | \$451.82 |

*Estimated school construction costs. Note: Estimates are based on 2024 construction costs. An inflation rate of 4% per year should be considered for future planning purposes.

New School Construction Projects*

| New School Construction Projects | Projected Investment | Design Begins | Construction Start Date | Substantial Completion |
|--|----------------------|---------------|-------------------------|------------------------|
| New School Project – Southern Elementary | \$49,500,000 | ASAP | 5/2025 | 5/2027 |
| New School Project – Eastern Middle | \$68,800,000 | 6/2026 | 5/2027 | 5/2029 |
| New School Project – Eastern Elementary | \$49,500,000 | 6/2028 | 5/2029 | 5/2031 |

*Estimated school construction costs. Note: Estimates are based on 2024 construction costs. An inflation rate of 4% per year should be considered for future planning purposes.

Additional New Construction Needs

- School Bus Garage and Support Center
 - Among the oldest buildings in Onslow County Schools
 - Difficult to accommodate modern school buses
 - Only one usable lift for over 200 buses that travel about 3,000,000 miles per year
 - Adequate space and modern facilities are essential to ensure a safe and efficient student transportation system.
- School Nutrition Distribution and Support Center
 - Over 50 years old and does not meet ADA or current building code requirements
 - Critical infrastructure, especially in the wake of a hurricane

Additional New Construction Needs

| Facility | Estimated Cost |
|--|----------------|
| School Bus Garage and Support Center | \$24,785,000 |
| School Nutrition Distribution and Support Center | \$5,170,000 |

*Estimated school construction costs. Note: Estimates are based on 2024 construction costs. An inflation rate of 4% per year should be considered for future planning purposes.

Renovation and Expansion Needs

- Dixon High School
 - Sneads Ferry is the fastest growing area in Onslow County
 - Despite redistricting, Dixon High School remains overcapacity
 - Oldest buildings were constructed in 1954, newest in 2008
 - Renovations and expansions would include
 - New instructional spaces
 - Renovation of older spaces to meet modern code
 - Cafeteria
 - Auditorium
 - Safer traffic patterns

Renovation and Expansion Needs

- Dixon Middle School
 - Sneads Ferry is the fastest growing area in Onslow County
 - Constructed in 2017, Dixon Middle School is approaching its capacity
 - Was constructed to allow for future expansion
 - Expansion would add additional instructional spaces

Renovation and Expansion Needs

- Southwest Middle School
 - Was constructed to allow for future expansion
 - Would create new instructional spaces
 - Redistricting would allow families to keep all students in the same district
 - Ease capacity concerns at Dixon Middle School

Opportunities for Renovation and Expansion

- Richlands High School
 - Significant construction is either planned or ongoing in the Richlands area, particularly in the Stateside subdivision
 - Richlands High School is already over capacity
 - Expansion would add additional instructional spaces

Onslow County Planned Home Construction

High School Expansion

Middle School Expansion

New Construction

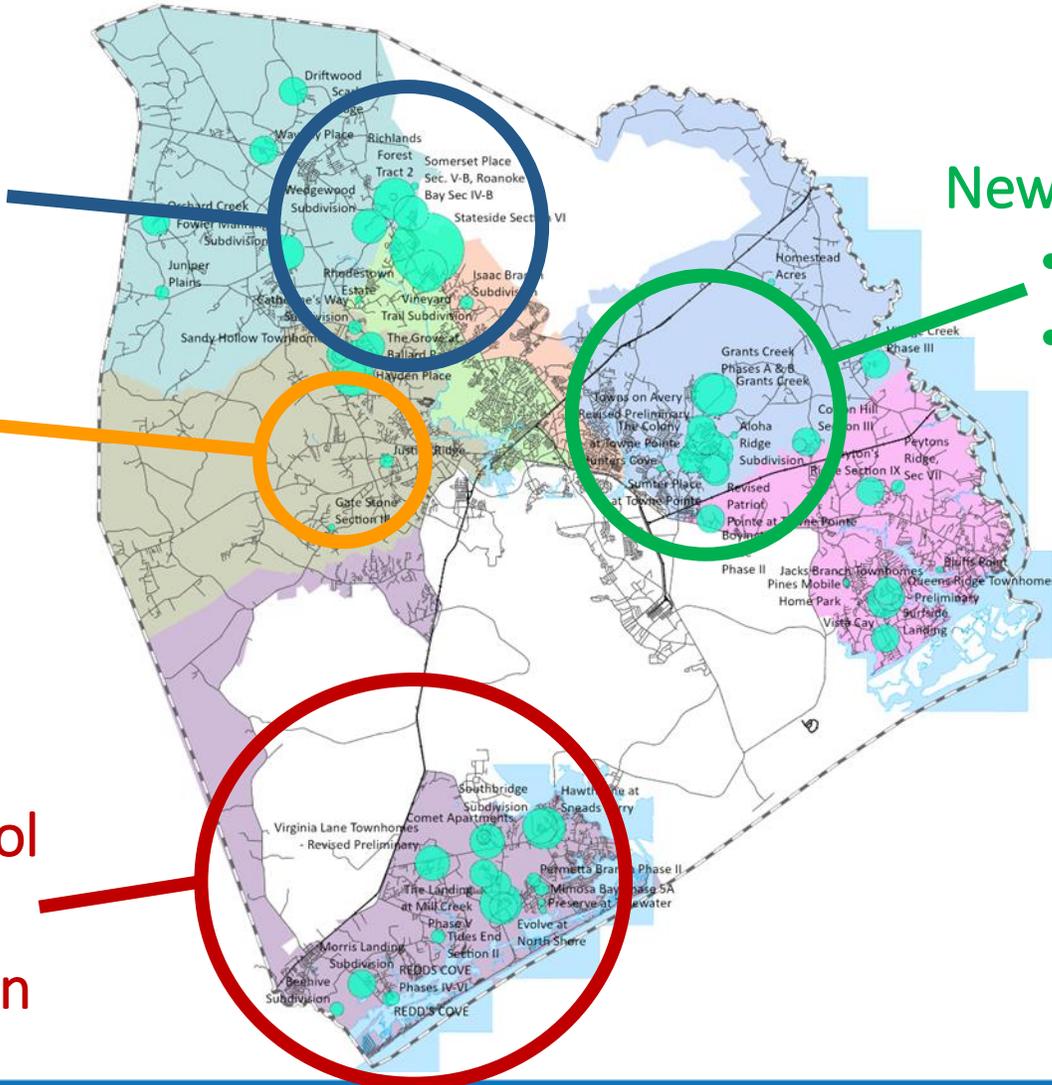
- Elementary School

High School Expansion

Middle School Expansion

New Construction

- Middle School
- Elementary School



Prospective Construction Plan and Timeline

| Prospective Projects | Projected Investment* | Site | Targeted Design Start Date | Targeted Construction Start Date | Targeted Substantial Completion |
|---|-----------------------|---------|----------------------------|----------------------------------|---------------------------------|
| New School Project – Southern Elementary | \$49,818,000 | Ongoing | ASAP | 5/2025 | 5/2027 |
| School Bus Garage and Support Center | \$29,030,000 | Ongoing | ASAP | 7/2025 | 7/2027 |
| School Nutrition Distribution and Support Center | \$6,047,000 | Ongoing | ASAP | 7/2025 | 7/2027 |
| Land Acquisition for Future Construction | TBD | Ongoing | N/A | N/A | N/A |
| New School Project – Eastern Middle | \$63,871,000 | 7/2025 | 6/2026 | 5/2027 | 5/2029 |
| Dixon Middle School Expansion | \$12,005,000 | N/A | 7/2026 | 7/2027 | 7/2029 |
| Dixon High School Expansion and Renovation Phase I | \$48,500,000 | N/A | 5/2026 | 5/2027 | 6/2029 |
| Southwest Middle School Expansion | \$17,300,000 | N/A | 5/2028 | 5/2029 | 5/2031 |
| New School Project – Eastern Elementary | \$58,497,000 | 7/2027 | 6/2028 | 5/2029 | 5/2031 |
| Dixon High School Expansion and Renovation Phase II | \$36,790,000 | N/A | 7/2028 | 7/2029 | 7/2031 |
| Richlands High School Expansion | \$31,116,000 | N/A | 5/2030 | 5/2031 | 5/2033 |
| Total Investment | \$352,974,000 | | | | |

- As Onslow County continues to grow, a comprehensive construction plan is necessary to meet the current and future needs of its students and citizens
- This proposed plan combines new construction with renovations and expansions of existing facilities to meet the growing needs of the school district and county