# 2021 STATE OF OUR SCHOOLS

## AMERICA'S PK-12 PUBLIC SCHOOL FACILITIES





Facilities for All Children





#### ACKNOWLEDGEMENTS

There are many people and entities who have contributed to this report. The analysis and any errors are those of the authors alone, but the authors would like to acknowledge the people and entities without which this report would not have been possible.

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- Trane
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Improved indoor environments can also improve thinking and research has shown the potential impact of healthy schools to be great. As we look to keep students healthy and safe, school districts must harness opportunities to drive overall student health, performance and productivity through healthy building strategies. Retrofits, modernizations and upgrades must be done with student health and safety as a top priority, while being smart about costs, budgets and future requirements. Carrier's experts are here to help - starting with assessments across various aspects of a building. For more information, visit our page dedicated to K-12 solutions and services or follow Carrier on social media at <u>@Carrier</u>.

Delos has been committed to improving health and well-being in indoor spaces for nearly a decade, backed by extensive research and collaborations with world-class institutions including Mayo Clinic and Cleveland Clinic. While schools have always been a priority, the company has sharpened its focus on classroom health and safety since the start of the COVID-19 pandemic in an effort to help children, faculty and staff safely return to school.

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Delos has been selected by many of the nation's largest school districts, including New York City, Chicago, Miami-Dade and Baltimore, to provide its "Delos powered by Intellipure" air purification units in response to COVID-19. The company has already provided over 150,000 units to schools across the country, along with evidence-based recommendations on necessary measures for safer school reopening, particularly as it relates to indoor air quality.

Paul Scialla, Delos Founder and CEO and Founder of the International WELL Building Institute, recently testified at the Committees on Education and Health council hearing regarding New York City public school reopening. This testimony underscored the importance of minimizing airborne viral load and the role it can play in schools reopening safely, with the hope of helping enable a safe, effective return to in-person learning for students and faculty.

COOPERATIVE TRATEGIES

Cooperative Strategies is a national education consulting firm supporting K-12+ strategic planning and operations. We are a tight knit team with backgrounds in school facility management, educational planning, demography, teaching, finance, GIS, capital planning, and community engagement. Our experienced team members include former state department of education leaders; school superintendents, teachers, and administrators; Association for Learning Environments members; Recognized Educational Facility Planners; and MSRB Series 50 Municipal Advisor Representatives.

Our integrative model—Assess, Plan, Fund, Build—merges demographic information, conditional needs, educational goals, and funding ability to provide states and districts with a holistic perspective of their needs.

Whatever the project, our goal is consistent: equitable access to high-quality learning environments for every student every day.

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#### GOLD

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SGS - When you need to be sure.

That isn't just a tagline but rather the way we feel about what we can offer in our communities, with 93,000 employees in 2,600 offices around the world.

When it comes to our children, nothing could be more important. We are leading the charge in offering relevant data for the health, comfort and safety of students, faculty, administrators, and parents while providing critical environmental data to manage building sustainability in schools across our nation. After all, being able to offer services like air quality monitoring around schools affected by neighboring wildfires, or water and inside air observation and analysis in aging educational facilities is a small price to pay for the safety of those working or learning there.

Our SGS EDGE, including SmartSense monitoring, combines analytical lab data to sensor technology ranging from air, water, and physical comfort sensors to advanced auto sampling technology - all unified into a data management system with simple user interfaces and selected alerts. It's about providing you with real-time information for your environmental, health and infrastructure needs.

SGS is on the leading EDGE, can come to where you are and is here to help.



Trane® – by Trane Technologies (NYSE: TT), a global climate innovator – is a long-standing educational partner with more than a century of expertise. Trane works with school administrators, facility managers and district leaders to develop building improvement solutions that set schools up for lasting success. We create healthier, more comfortable learning environments, improved energy efficiency and operating costs, as well as infrastructure and facility improvements to help safeguard the learning environment, keep schools open and future-proof school buildings. Through Wellsphere™, our holistic approach to building wellness, Trane surrounds administrators with a coordinated team of experts in indoor air quality, thermal comfort, lighting, acoustics and building controls. We assess each school's unique conditions, mitigate building risks and manage indoor environmental quality and infrastructure performance to help schools make the most of their funding and support student and staff well-being.

Trane support for education extends beyond innovative solutions. From our interactive BTU Crew™ STEM curriculum; to our proud sponsorship of NC3; to our Sustainable Futures citizenship strategy focused on enhancing learning environments and providing pathways to green and STEM careers among underrepresented populations, Trane's educational offerings help address learning loss, prepare students for a bright future and build the workforce of tomorrow. www.trane.com/k12

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### THANK YOU TO OUR SUPPORTING ORGANIZATIONS





































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#### FOREWORD

During my 15 years at the helm of the Robert Wood Johnson Foundation, we embraced the challenge of pioneering a culture of health, and we knew that we had to find and deliver on solutions that would benefit our schools. More than any other institution in this country, schools underwrite the American promise of equal opportunity and fuel American innovation and progress.

At the height of the civil rights movement, activists fighting to create a more just society put school desegregation at the heart of their efforts. And when Sputnik first launched into orbit, sparking fears that America would lose the space race, we rose to the challenge by rejuvenating our scientific curriculum to launch us into the future. Given the importance of education, it's startling how little attention is paid to where the education of our children is carried out: the classrooms where future poets and politicians learn to read and the labs where budding scientists conduct their first experiments, the cafeterias where they eat and the playgrounds where they meet.

The quality of our educational facilities impacts the quality of American education. Studies show that the physical environment in which kids learn affects everything from student behavior and truancy rates to memory and academic achievement. Heating and cooling systems, air quality and filtration, acoustics and general maintenance all make a huge difference to student health and performance.

Of course, students aren't the only ones spending their days in school buildings. Facilities matter to America's educators, too, and have been shown to impact teacher retention. School administrators, custodians, staff and volunteers also deserve to work in safe, comfortable environments. Given the important role that schools play as community hubs, the quality of their buildings truly touches everyone. Because of their size and ubiquity, public school campuses serve as everything from emergency shelters during natural disasters to polling places on Election Day. Most recently, they have been essential strongholds in the fight against COVID-19, with many serving as testing locations and vaccination centers.



As the 2021 State of our Schools shows, students from low-income, minority and rural families are most likely to attend underfunded school facilities. With the success of future generations at stake, state-of-the-art buildings should be the norm. We cannot achieve true health equity for our youth in decaying schools, and yet when it comes to updating our educational infrastructure, the U.S. is lagging behind – with our children paying the price.

It has never been more important to understand the state of our schools, and this timely report highlights different opportunities to improve not only buildings but the educational experiences of millions of American students. As we work towards a future where all students flourish in learning environments that nurture healthy minds and bodies, the imperative is clear. We must seize this chance to once again invest in our national engine of opportunity and progress.

#### **RISA LAVIZZO-MOUREY**

President Emerita and former CEO of the Robert Wood Johnson Foundation





### A NATIONAL CALL TO ACTION

As we release this 2021 State of our Schools, there is much uncertainty. The pandemic shock has yet to be fully absorbed into our public or private systems. The SARS-COV-2 pandemic has abruptly disrupted public education as we know it. In spring of 2020, school buildings sat empty as nearly all the nation's 55 million children, teachers and staff pivoted to remote learning. The far more virulent Delta variant of the virus has taken hold and is posing serious challenges for families and districts as public schools reopen for the 2021-2022 school year.

Three aspects of public education and school facilities are in sharp focus from the pandemic:

- *Education is a social enterprise* that depends on buildings and grounds where staff, students and community come together.
- The economy depends on universal elementary and secondary public education for workforce participation and productivity.
- Longstanding deficiencies in public school facilities pose health risks for students, staff, and families, particularly in low wealth communities.

Today, through this report, we are issuing a national call to action because, quite simply, the state of our schools is a national emergency, one that compromises the precious opportunity of all our children and the very future of American prosperity.

In 2016, when the U.S. Green Building Council's (USGBC) Center for Green Schools published the last State of our Schools, the report found a \$46 billion annual gap in the level of funding for the maintenance, operation and periodic capital improvements needed for good stewardship of its schools.<sup>i</sup> Unfortunately, five years later, we have found that this gap has increased to a staggering \$85 billion every single year. This is the case despite the significant efforts that communities are making to provide safe, healthy and adequate public school facilities.

The evidence is clear. No matter how good the curriculum, the teachers or administrators, we can't achieve world-class education with crumbling school facilities. Yet that is where we are. Every national, state, and local policymaker should know the extent of this massive underinvestment and its allpervasive, cascading effects on the health and education of students, teachers, staff, and our communities.



Photo credit: Jerry Roseman









This report analyzes public data to help policymakers at all levels of government make better, more informed decisions about our public school facilities. We offer a vision forward based on the scale and importance of this essential infrastructure, and the need to confront facilities inequities head-on.

Despite the size of the challenge, we are convinced that with civic, governmental and industry partnerships this nation can make significant progress toward closing facilities funding gaps. A program of federal investments and assistance to build state capacity and support the high need districts has the potential to improve education, health, and the environment in rural, town, suburban and urban communities throughout the nation.

Together, we can develop new solutions, deploy systemic remedies and rally around sound public policy to address deficient and inequitable conditions in our nation's public school facilities.



MARY FILARDO Executive Director 21st Century School Fund



RACHEL HODGDON President & CEO

International WELL Building Institute



**JUAN MIRELES** 2021 President, Board of Directors

National Council on School Facilities





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# EXECUTIVE SUMMARY

### THE IMPORTANCE AND SCALE OF PUBLIC SCHOOL FACILITY INFRASTRUCTURE: QUALITY SCHOOLS BUILD HEALTHIER SOCIETIES

School facilities have a direct impact on student learning, student and staff health, and community vitality. However, too many students attend school facilities that fall short of providing 21st century learning environments because essential maintenance and capital improvements are chronically underfunded.

- *Educational equity:* When facilities are healthy, safe and educationally suitable, students (as well as teachers and staff) perform better and are better prepared for post-secondary education and the workforce.
- *Health*: With more than one-sixth of the entire U.S. population inside PK–12 public school buildings each weekday, school facilities have a major impact on the health and performance of students and staff alike.
- **Sustainability**: Modernizing and replacing old public schools will enable communities to conserve undeveloped land, energy and water, reduce carbon emissions, and in the face of climate change, protect lives and reduce the level of relief funding needed following disasters.
- **Jobs**: There is major work to be done to modernize, retrofit and build public schools and grounds, particularly in low wealth urban, suburban, town and rural communities. Taking up this work will create and provide good jobs, helping strengthen and revitalize the economies of struggling communities.



#### A LOOMING CRISIS WITH THE NATION'S PUBLIC SCHOOL FACILITIES: THE NATION'S SCHOOL FACILITIES FUNDING GAP HAS INCREASED TO \$85 BILLION A YEAR

The 2021 State of Our Schools Report uses the best available school district fiscal data about U.S. elementary and secondary (Pre-kindergarten through 12th grade) to analyize the state of our public school facilities. The report finds that the gap between expenditures and good stewardship of buildings and grounds is growing significantly. It estimates that our nation is now underinvesting in school buildings and grounds by \$85 billion each year, up an inflation adjusted \$25 billion a year since 2016.

In 2016, the annual PK-12 school facility infrastructure gap stood at \$46 billion (\$60 billion in 2020\$) according to the 2016 State of our Schools Report. In this year's study, we find that the school facilities annual funding gap has reached \$85 billion a year, up \$25 billion since 2016.

Underinvestment in capital renewals of existing public schools as well as chronic underfunding of maintenance and repairs sadly remains the rule rather than the exception. This trend has worsened even as school buildings age. In 2012, the average age of the nation's public schools was 44 years, which means that 1968 was the year the average school was built—and they are toward the end of their expected and useful lives, and need to be replaced or fully modernized.

The age and neglect of major building systems take a toll. In 2020 the U.S. Government Accountability Office (GAO) found that 41 percent of districts required HVAC systems upgrades or replacements in at least half of their schools. In addition, 20 to 35 percent of all school districts had serious deficiencies in at least half of their roofing, lighting or safety and security systems.

Old buildings, that haven't been well-maintained or modernized create poor conditions for teaching and learning. Poor public school infrastructure creates barriers to education, health, sustainability and the vitality of communities.



#### MASSIVE & CHRONIC UNDERINVESTMENT: FACILITIES MAINTENANCE, OPERATIONS AND CONSTRUCTION ALL FALL SHORT

Across the nation, local school districts have worked hard to deliver healthy, safe and suitable public school facilities. They support ongoing operations and maintenance of facilities in their annual operating budgets and they invest in buildings and grounds construction and capital improvements in their capital budgets. On average, districts have been spending about \$110.1 billion every year on maintenance, operations and capital construction, but this is falling further and further short, leaving school districts ill-equipped to provide adequate and equitable school facilities.

- Annually, U.S. public school districts spent an average of \$56 billion on their facilities maintenance and operations, **leaving a M&O gap of \$27.6 billion**.
- Annually, U.S. public school districts spent an average of \$54.1 billion on capital improvements from FY09-19 in 2020\$, **leaving a capital investment gap of \$57.4 billion.**
- U.S. public school districts **spent an estimated \$51 billion from FY09-19 on new school construction** to respond to enrollment growth.

#### **INEQUITY IN CAPITAL IMPROVEMENTS:** FACILITIES' SHORTFALLS ARE NOT EQUALLY SHARED

When we compare the funding for school districts through the lenses of socioeconomic status, race, ethnicity and location, the disparities are startling. A great deal of variation can be found across and within different states, but it is clear from national patterns that inequity is hard-wired into public education infrastructure.

If a district has a high number of economically disadvantaged students, the district will have spent less per school than districts with lower numbers of economically disadvantaged students.

- Low poverty districts (<33 percent economically disadvantaged students) spent an average of \$5.2 million per school for school construction from FY09-18, while high poverty districts (>65 percent economically disadvantaged students) only averaged \$3.8 million per school. High poverty districts had 37 percent less invested in their school facilities improvements than low poverty districts.
- Medium poverty districts (33-65 percent disadvantaged students) didn't fare much better than the high poverty districts. Their districts spent, an average of \$4 million a school over the same ten years.
- Rural districts serving high poverty public schools have funded capital improvements at almost half the level of the national average—\$2.3 million on average per school compared to \$4.3 million per school.
- Hispanic/Latino, African American, and Native American students are represented disproportionately in high poverty districts, where the schools (on average) have had the lowest levels of investment.
- Urban districts have higher levels of average capital investment per school, making clear what is well established in the field—that doing the same work in urban markets, and in their older schools, costs more.

#### **EDUCATIONAL FACILITIES STEWARDSHIP:** THE RESPONSIBILITIES FOR FUNDING SKEWS LOCAL

In the U.S., elementary and secondary school facilities are the second largest infrastructure capital outlay behind highways. However, unlike transportation, which has most of its capital costs paid from federal and state sources, local school districts bear the heaviest responsibilities for school construction capital funding.

- Local school districts paid 77 percent of the costs for PK-12 capital projects during the years FY09-19.
- States paid 22 percent to districts for capital outlay and debt service. State support, however, is highly variable, ranging from 11 states paying nothing to 8 states paying over 50 percent of district level capital costs.
- Public school districts received slightly more than **1 percent from federal funds, about \$7.1 billion** in 2020\$ during FY09-19 for school construction.
- Local districts held **\$486 billion in long-term debt** at the end of fiscal year 2019, a national average of slightly over \$11,000 per student.
- School districts paid \$20 billion in FY2019 for interest on their long-term debt—an annual amount that is \$4 billion higher than the entirety of U.S. Department of Education Title I funding for disadvantaged students.

# **PRIORITY ACTIONS:** SYSTEMIC REFORMS ARE NEEDED TO ENSURE SCHOOLS CAN BE MODERNIZED FOR ALL CHILDREN

The COVID-19 pandemic shined a light on public school facilities. With this light, we see that deferring maintenance and repairs and neglecting capital investments creates an education infrastructure deficit. The infrastructure debt deficit grew even with district facilities spending and capital investment of \$110 billion a year. When aging public school facilities are not replaced or modernized, then makes the gap grow shortfalls for the nation's public school facilities increases, reaching \$85 billion a year in 2021.

Making up an \$85 billion a year gap is daunting. Business as usual will not make it go away, and even increasing funding alone will not remedy the structural inequities and shortcomings of our nation's public education infrastructure. Modernizing our public school infrastructure for all students and communities will take a vision, resolve, and a local, state, and federal partnership.

But the benefits of reforms for a smarter and fairer system will be great. A smarter system of facilities planning and management could reduce the annual need for capital investment by 1 percent of CRV, or nearly \$28 billion (2020\$) every year. Additionally, energy management, including a net zero energy strategy for new and modernized facilities could save at least 25 percent of the cost of utilities—about \$3 billion a year. But this progress against our growing deficit will not happen without systemic policy changes. Most importantly, a smarter and fairer system for our nation's public school facilities will deliver healthy, safe, educationally inspiring, sustainable and resilient places for our communities.

# THE IMPORTANCE AND SCALE OF PK-12 PUBLIC SCHOOL FACILITY INFRASTRUCTURE

#### INTRODUCTION

The 2021 State of our Schools Report is the most recent major report on PK-12 public school facilities led by the 21st Century School Fund. In 2006, "Growth and Disparity: A Decade of U.S. Public School Construction" examined whether low-income and minority students were benefiting from the strong economy and capital investments being made in public school facilities from 1994 to 2003. In 2016, "State of our Schools: America's K-12 Facilities" examined 20 years of school district spending and investment from 1994 to 2013 and compared this to education industry funding levels needed to deliver healthy, safe, educationally suitable, and environmentally sustainable buildings and grounds.

Now the State of our Schools 2021 builds upon and refines our understanding of the stewardship of our nation's public school facilities. It provides an overview of research on the impact and importance of public school facilities to education, health, the environment, communities and resiliency. It analyzes facilities spending and investment in the years from FY09 following the great recession to FY2019. Since there is still no national data on the physical condition of our nation's PK-12 public school facilities by state or district to answer these questions, this analysis uses national fiscal data on public school district facilities conditions.

The report looks at the nation and states, but also analyzes district level inequities in our nation's public school facilities. This analysis includes data for all regular PK-12 public school districts in every state, and now includes data and estimates for the District of Columbia, Puerto Rico, the Bureau of Indian Education schools, and Outlying Areas.

The U.S. has developed a nationwide physical infrastructure of public school buildings and grounds to support our elementary and secondary public education system. This report uses national, state, and district data and information to help communities and decision makers understand:

- The level of funding we need to ensure all of our children can attend modern public school facilities?
- What districts, states and the federal government are doing to meet the challenges of our aged and inequitable public school buildings and grounds.
- How well local, state and federal governments meeting their responsibilities to provide all children with healthy, safe, educationally suitable, environmentally sustainable and resilient public school facilities.

To address these questions, this report uses national and state date and information to help communities and decision makers understand 1) the level of funding needed for good facilities; 2) what is being done by districts, states and the federal government to meet the challenges of our aged and inequitable buildings and grounds; and 3) how these efforts measure up to the needs.

The report also provides specific recommendations on how to make progress, not just with funding, but through system reforms to get better results with resources already available.

# QUALITY SCHOOLS BUILD HEALTHY AND PROSPEROUS SOCIETIES

"Infrastructure services, such as mobility; safe and reliable sources of water; sustainable development; knowledge creation and transfer; and personal security; are critical determinants of a society's current and future well-being. High quality infrastructure helps businesses compete for expanded economic opportunities in a globalizing world. It also protects our environment from the threats of climate change and natural and man-made hazards and creates a socially cohesive and high quality of life."

-David E. Dowall, and Robin Reid in White Paper on the California Infrastructure Initiative, March 2008

Public education is critical to a peaceful and prosperous nation. Our system of free and universal public education supports knowledge creation and transfer. The nation's elementary and secondary public school buildings and grounds are where children learn and are socialized to live in civil society. Each school day, nearly one-sixth of the U.S. population spends their day in a public school building.

As an essential part of the nation's public infrastructure, elementary and secondary public education is the 2nd largest sector for state and local construction capital outlay, after highways.

#### **CHART 1:** Elementary and Secondary Education is the 2nd Largest Infrastructure Sector for State and Local Capital Outlay



State and Local Government Total Capital Outlay by Sector for FY14-18

Data Source: F-13 State Fiscal Survey of U.S. Census of Governments FY2014-2018, in actual \$.

#### **QUALITY EDUCATION**

Public school facilities that are well planned, designed, built, operated and maintained have an outsized positive impact on education, health, the natural environment and our communities.

A growing body of research documents the relationship between the design and condition of public school facilities and educational outcomes. At the most basic level, classrooms suited to early childhood education expand young minds; buildings with ramps and bathrooms with handrails make learning more accessible; and campuses with art rooms, science labs, technology centers, gyms and outdoor facilities enrich education quality. As studies show, design and condition matter.<sup>IIIII</sup>

Students are better able to focus on their lessons and retain information in above-standard school buildings. They perform up to 17 percent better on academic assessments than students in substandard buildings, even controlling for socioeconomic status. The impact is particularly pronounced among younger students, whose progress in reading, writing and math has been shown to vary significantly based on their physical environment, including elements like temperature, classroom layout and building design.<sup>iv</sup>



Better acoustics, lighting and air quality all support better educational outcomes. Beyond the classroom, ensuring that children in critical stages of development spend the majority of their days in safe, secure and comfortable spaces with fresh air to breathe, clean water to drink and ample natural light to set them up for social and emotional success.<sup>v</sup>

On the other hand, students grow listless in stuffy classrooms, while distracting sights and sounds can make it hard for them to concentrate.<sup>vi</sup> A Harvard T.H. Chan School of Public Health study found that a difference in outdoor temperature has a a big impact on performance. The study showed students in New York City were 12.3 percent more likely to fail an exam on a 90°F day versus a 75°F day.<sup>vii</sup> And when dusty hallways or damp air exacerbates respiratory issues and makes students sick, they are more likely to miss school and less likely to learn. <sup>viii</sup>

The same goes for teachers. Modern classrooms, labs and auditoriums enable educators to deliver quality instruction that is more engaging to students and bolsters teacher retention rates. Conversely, work environments that threaten teachers' health mean more sick days and substitute teachers, and in the long run affect attrition, contributing to promising professionals leaving the schools

#### HEALTHY CHILDREN AND TEACHERS

When educators and students are healthy, they are more engaged in teaching and learning. The quality of the school facilities where they spend long hours each day is intimately related to their health and wellbeing.<sup>x</sup> Numerous studies detail the significant impact that school design and conditions have on children's physical and mental health.xi For instance, poor air quality irritates eyes and worsens asthma, a leading cause of absenteeism.xii Windowless, artificiallylit classrooms interfere with adolescent hormone production, elevating stress levels.xiii Conversely, well maintained playgrounds and gyms entice children to be more physically active, combating childhood obesity and improving cardiovascular health. <sup>xiv</sup> In addition, campus features such as outdoor classrooms and mindfulness centers can improve students' focus and help them regulate emotions.xv

A growing body of research also indicates that the school a child attends is a "social determinant of health"-a non-medical contributor to overall wellbeing, alongside other factors like economic stability and family life.xvi Schools with forward-thinking health education policies can instill healthy habits in their students from a young age—so long as they have classrooms equipped to support their lessons, cafeterias equipped to feed them healthy meals and gyms, fields and playgrounds to keep them active. Districts concerned with student safety might enact policies governing school construction and site selection, ensuring children aren't forced to learn near busy streets or polluted areas. These site-related policies can also shift the composition of a school's population and often determine whether districts are de facto segregated or comprised of diverse student bodies that cultivate growth and understanding.xvii

One of the important programs provided by schools is the National School Lunch Program, which provides free and low-cost lunches to more than 30 million children. It relies on school cafeterias and lunchrooms across the country to distribute nutritious food. When schools have full kitchens with modern equipment, gardens supplying fresh produce, and on-site composting and recycling, they can go even further in giving students both nutrient-rich meals and a personal connection to sustainable food sources. <sup>xviii</sup>



Photo credit: 21st Century School Fund



Photo credit: 21st Century School Fund

The Farm and Garden program at Sylvia Mendez Elementary School, connects urban children in Berkeley, California to the land. They cultivate plants on a mini-farm and care for small animals like chickens, scattering feed and gathering eggs. In the process, they contribute to nutritious meals and develop a hands-on understanding of plant cycles, composting and more.<sup>xix</sup>

Contributed by Green Schoolyards America



Thoughtfully designed buildings can also support more on-campus health resources. Spacious nurses' offices and even small clinics make it easier for students to seek care, and welcoming offices for counselors and other specialists can help fight the stigma against mental health treatment for children and their families.

Cincinnati Public Schools offer 25 full-service health centers throughout the district to serve students, families and the community. The centers provide a range of services, from primary care to dental and vision, and they partner with a nonprofit to provide free eyeglasses to uninsured students. Between community contributions and the settlement from a state tobacco lawsuit, the centers are able to guarantee care to all patients, regardless of financial status.

By applying proven building strategies that support health and well-being, and upgrading and maintaining the buildings that house so many resources crucial to young people's development, children can be set on a path to lifelong health that will support them long after they've left the classroom.

#### **VIBRANT COMMUNITIES**

In addition to being places of learning, schools function as community hubs. Their playing fields become town gatherings under friday night lights. Their auditoriums host speakers, performances and in some cases even memorial services for local heroes. They are part of the fabric of participatory democracy, where neighborhoods meet and citizens cast their votes.

Thousands of public school campuses play host to supplemental childcare, tutoring and other services provided by nonprofits and community partners. Schools are an essential part of the modern "town square," often located near clinics, libraries, and community and senior centers. This closeness lends itself to joint programming, fostering initiatives like literacy enrichment in classrooms courtesy of a local librarian and a gardening project between students and seniors. In dense urban environments, schools' outdoor playgrounds, athletic fields and amphitheaters provide critical green space. This convening role of school facilities is particularly important in rural communities, where schools act as the commons, bringing far-flung neighbors together through civic and cultural activities. But the public schools as public commons is valuable in all communities—urban, suburban, town and rural— fostering collaborations among diverse ages, races, ethnicities and incomes that knit communities closer together.

And whether it's through community engagement or capital projects, investment in school modernization also strengthens local economies. Indeed, undertaking the sizable maintenance and capital construction projects on backlog around the country will create new opportunities for construction workers and, indirectly, for manufacturers and suppliers as well, bringing good jobs to communities nationwide.<sup>xx</sup> What's more, improvements to educational infrastructure boost the value of local homes.<sup>xxi</sup> And since families want to live and work near high-quality schools, well maintained campuses that foster educational excellence are a draw for residents who then contribute to the economic health and social fabric of their communities.<sup>xxii</sup>

#### SUSTAINABLE ENVIRONMENTS

Aging schools built without their environmental impact in mind can be significant polluters compromising sustainability and decarbonization goals. In the U.S., 40 percent of primary energy is consumed by buildings – and schools spend roughly \$12.5 billion on utility costs every year. xxiii One-fourth of these costs could be saved through improved energy efficiency, "an amount equivalent to the cost of nearly 40 million new textbooks," underscoring how energy efficiency helps create operational savings that school districts can use for other educational purposes.

Sustainable public school buildings conserve potable water, reduce pollution, improve stormwater management, lower energy consumption or off-set it entirely with clean energy. Green schools can also play a vital role in helping the country reach its stated goal of net zero by 2050.<sup>xxiv</sup>

Discovery Elementary School in Arlington, Virginia "was designed to be a zero-energy building, meaning that the amount of energy produced annually by on-site renewable energy sources is equal to the amount of energy used annually." The school is an all-electric building that fully offsets its energy use through the generation of clean, renewable solar power. Utilizing 1,706 roof mounted solar panels, insulated concrete exterior walls with high thermal mass and 100 percent LED lighting, the school is able to "redirect funds that would otherwise be dedicated to energy costs back to the Arlington Public Schools operating budget. As an all-electric building that buys and sells electricity back to the grid, Discovery Elementary School is effectively hedged against inflation. In fact, the higher energy costs rise, the more the savings increase."

Contributed by the Center for Green Schools at USGBC

These benefits in energy use and student experience often go together. For instance, an educator at Spring Creek Elementary School in State College, Pennsylvania described the campus as "bigger but cozy... bright and warm" thanks to design changes that included a more open floor plan with increased natural light, solar panels on the roof, and local materials to insulate the building and lower heating and cooling costs. The design changes cut the school's energy consumption in half, and just as importantly, created a welcoming, well-lit environment where students feel comfortable, connected and ready to learn.

Contributed by the Center for Green Schools at USGBC



Crabtree, Rohrbaugh & Associates Architects

They also introduce students to concepts of environmental stewardship, highlight new and innovative technologies, and provide opportunities to foster a lifelong conservation ethic.

Niles North High School Aquatics center emerged [in 2014] as the highest LEED rated high school aquatics center in the U.S. The design decreases energy use by 44 percent and water use by 42 percent compared to a typical facility of similar size. The project includes a new competition 'cold' pool with diving zone, a renovated community 'warm' pool, a new public connecting corridor, locker room renovations, coaches' offices and meeting/storage space. The center benefits community members: it houses feeder programs and swim lessons from park districts and local organizations. The center also serves the district's 2,200 students and 275 student athletes. Swimming is a curricular requirement.

#### **A RESILIENT NATION**

As the U.S. population spreads and the impacts of climate change affect more communities, it's no surprise that public schools across the country are increasingly in harm's way. Half of all American schools are located in areas of high flood risk, while nearly one-third are geographically prone to heat waves and tornados.<sup>xxv</sup>

Public school facilities that contribute to the health and resiliency of communities will be located so that they are less vulnerable to extreme weather events. In some cases, this means moving schools out of flood plains or tsunami zones. For the vast majority of schools, it involves modernizing or replacing existing infrastructure so that it meets modern standards for withstanding extreme weather events. In hurricane prone areas, improving resiliency includes replacing windows and roofs so they are better able to withstand high winds; in tornado prone areas, greater resilience involves building safe rooms; and in high-risk wildfire areas, resilience means protecting schools with higher levels of fire-resistant roofs and ventilation systems that filter smoke. <sup>xxvii</sup>

In Port Arthur Independent School District — new schools were designed and built with floodplain protections. This meant raised floors and windows seven feet above the ground to reduce hurricane damage potential, and a special sanitary sewer lift station to ensure that the sewage and wastewater from the schools was taken offsite and did not pollute ground water in the low-lying areas.

In California, in 1933 after the 6.3 magnitude earthquake in Long Beach resulted in 230 school buildings being declared unsafe, The Field Act mandated earthquake resistant construction in all public schools in the state, banning unreinforced masonry buildings, and new standards for withstanding specific levels of lateral forces that are generated from earthquakes.

In addition to sheltering students, public schools' ubiquity and centrality in cities and towns also make them responsible for emergency and disaster response. Public schools can shelter residents fleeing hurricanes or fires and give them refuge in cafeterias and gyms, while aid workers set up command posts and food and aid distribution centers. Of course, schools only work as emergency shelters when they can withstand disaster and remain fully functional. When campuses and buildings are designed for safety, everyone benefits—from first graders to first responders.

This emergency role has come into sharp focus during the pandemic. Schools have been part of the front-line infrastructure in the fight against COVID-19, serving as food distribution centers, childcare locations for first responders, testing centers and vaccination sites.



U.S. Air Force photo/Airman Tristan D. Viglianco



The condition of the nation's public school facilities has recently been elevated into national consciousness by facilities' deficiencies that can put students and staff health at risk for COVID-19. School buildings with poor ventilation and air quality present special risks in the face of a highly contagious airborne virus.<sup>xxviii</sup> Poor indoor air quality has been a barrier to restoring full confidence in returning to in-person schooling.

Deficiencies in the nation's public school facilities have been longstanding. In 1995, when the U.S. last conducted a comprehensive assessment of public school facilities, the Government Accountability Office (GAO) reported that 60 percent of public schools in the U.S. required at least one major building component upgrade or replacement, and a full third of all schools—serving 14 million students—were in a serious state of disrepair.<sup>xxix</sup> The 2016 State of our Schools Report found that nationally, public school districts were underinvesting in their buildings and grounds by a total of \$46 billion each year (\$60 billion in 2020\$).

More recently, a 2020 GAO study found that over half of America's school districts require major upgrades to their school buildings. The most common out-of-date features were schools' HVAC systems, which 41 percent of districts reported as needing an upgrade. Other major problems included roofing, lighting, and safety and security flaws; nearly a quarter of the school districts surveyed said they had widespread issues with all three, as Chart 2, from GAO's report illustrates below. \*\*\*

**CHART 2:** School Districts Report that Major Building Systems or Features are in Poor Condition with Heating, Ventilation, and Air-Conditioning Systems in the Worst Condition



Estimated percentage of public school districts in which at least half the schools need updates or replacements of selected school building systems and features

Thin bars in the chart display the 95 percent confidence interval for each estimate.

**Data Source:** GAO analysis of August to October 2019 school district survey data, GAO-20-494.

For school districts to consistently provide public school facilities that are healthy, safe, educationally suitable, environmentally sustainable and resilient requires work. It requires management, labor, materials, supplies, tools, knowledge and equipment. It costs money. If school districts have not paid for this work at close to the levels recommended for good stewardship of facilities maintenance or operations and for capital investment, then important work was not done and facilities deficiencies accumulated. This is the basic logic behind using fiscal data to understand the condition of our nation's



Photo credit: Jerry Roseman

#### **STANDARDS FOR GOOD PK-12 FACILITIES STEWARDSHIP**

School district responsibilities for public school buildings and grounds fall into two categories:

- 1. Maintenance and operations: regular and routine facilities maintenance and operations, including cleaning, groundskeeping, preventive maintenance, minor repairs, utilities and building security and is funded from the annual operating budget.
- 2. School Construction Capital Outlay: periodic major facilities projects that involve planning, design, construction, renovation, retrofitting, and replacing of buildings, and building systems, components, and features, as well as site acquisition, site improvements, and new construction, and is funded from a multi-year capital budget, and usually financed with bonds.

The benchmarks for levels of spending and investment for PK-12 educational facilities standards are based on the current replacement value (CRV) of the buildings. The current replacement value is the total building area multiplied by the cost of new construction. In the U.S., there is 8.1 billion gross square feet and a national average cost of new construction of \$343 per square foot. Thus, the CRV of all U.S. public school facility infrastructure is \$2.79 trillion, as shown in Table 1.

## **TABLE 1:** The Nation's Public School Building Infrastructure is 8.1 billion Gross Square Footage with a 2020 Replacement Value of \$2.79 Trillion

Factors that Establish the 2020 Current Replacement Value (CRV) of the Nation's PK-12 Public School Building Inventory

2020 Bldg Area	Avg New Construction	Current Replacement Value
(GSF)	Cost per GSF	(CRV)
8.1 billion	\$343	\$2.79 trillion

**Data Source:** See Appendix A: Facilities Inventory, for U.S. states, District of Columbia, Bureau of Indian Education, and Outlying Area detail.

The benchmarks in Table 2 are based on industry experience for maintenance and operation costs, and in this case, are adjusted for its application to public school facilities. Typically, the M&O benchmark is 2 percent of CRV. This report uses 3 percent because the data reported by school districts for their M&O includes spending for building security and utilities outside the normal definition for M&O, which can add about another third to the cost of M&O.

The benchmarks for capital investments are based on the expected depreciation of facilities. A 2 percent CRV means that the facility is expected to be fully depreciated over 50 years. In fact, the structure, components, systems, finishes etc. depreciate at different rates. Their rate of depreciation depends on the quality and type of construction, climate, maintenance, operations, and intensity of use. This report uses a 4 percent CRV for school construction capital investments which includes capital renewals, alterations, and the accumulated deferred maintenance in so many schools, as is defined in Table 2.

## **TABLE 2:** A funding level at 7% of current replacement value (CRV) will ensure healthy, safe, educationally suitable, and environmentally sustainable facilities for all students.

Facilities Work	Benchmarks	Includes Work for:		
ANNUAL OPERATING BUDGET				
Maintenance & Operations	3% CRV	Cleaning, grounds keeping, routine and preventive maintenance, minor repairs, utilities and security		
MULTI-YEAR CAPITAL BUDGET				
Capital Renewals	2% CRV	Replacing systems, components, furniture, fixtures and equipment for life cycle and functional deficiencies of buildings and site		
Alterations	1% CRV	Altering buildings and site for education, environmental, site and resiliency design deficiencies		
Deferred Maintenance	1% CRV	Increased costs associated with large accumulation of deferred maintenance of facilities late in life cycle		

Funding Benchmarks for Good Stewardship Standards for PK-12 Educational Facilities XXXI

To understand whether districts are meeting the standards for good stewardship of their public school facilities requires benchmarks to measure how close or far facilities managers are from meeting the standards. Ideally, basic school facility information on age, condition, design, and utilization would be nationally available to provide definite measures. Even without this, a great deal about the condition of facilities can be known from analyzing facilities fiscal data. In this section, benchmarks for levels of facilities funding are applied to inform the research questions of this report:

- What level of funding is needed to make sure all children attend modern public school facilities?
- What are districts, states and the federal government spending on facilities maintenance and operations, and investing in public school buildings and grounds?
- How well are districts and states meeting their fiscal responsibilities to provide all children with healthy, safe, educationally suitable, environmentally sustainable and resilient public school facilities?

#### **PK-12 FACILITIES DEFICIENCIES ARE GROWING**

The nation's public school districts reported spending a combined annual average of \$110 billion of their operating and capital budgets on facilities from fiscal year 2017 to 2019. However, educational facilities standards for good stewardship funding levels for PK-12 facilities for 2020 is \$195 billion per year. This annual spending and investment gap leaves students, teachers and communities in facilities with a combined annual operating and capital budget shortfall of **\$85 billion**, as is illustrated in Chart 3 below.

**CHART 3:** School Districts Need to Increase Operating and Capital Expenditures by \$85 Billion a Year to Meet Educational Facilities Standards for Good Stewardship



Annual average level of spending for maintenance & operations FY17-19 in actual \$\$. Annual average levels of school construction capital outlay expenditures for FY09-FY19 adjusted with the Turner Construction Index to 2020\$. **Data Source:** See Appendix C: M&O and Capital Standards, Expenditures and Gaps

The reasons for the increase in the investment gap from \$46 billion in 2016 to \$85 billion in 2020 can be understood by looking at the factors that make up the gap:

- **Cost of school construction is up** from a national average of \$262 per gross square foot to \$343 in 2020.
- The building inventory being studied has increased by 600 million gross square feet of space, from 7.5 billion in 2016 to 8.1 billion GSF in 2020. This analysis includes public school buildings from the District of Columbia, Puerto Rico, the Bureau of Indian Education and Outlying Areas of American Samoa, Guam, the Northern Marianas and the U.S. Virgin Islands; new construction in states with growing enrollments; and an increase of 110 million GSF for California's square footage based on geospatial analysis of every school campus.<sup>xxxii</sup>
- *Facilities expenditures declined sharply after the great recession.* In analyzing school district spending following the great recession, from fiscal years 2009 to 2019. The capital investments fell to a low in fiscal year 2014, before rising back to a level still below the 20-year average of the period from FY1994-2013.

Chart 3 shows a dramatic decline in capital investments following the great recession, and the slow climb that has not returned this level of investment to pre-recession levels.

Chart 4 shows a dramatic decline in capital investments following the great recession, and the slow climb that has not returned this level of investment to pre-recession levels.

## **CHART 4** School District School Construction Capital Investments Dropped Dramatically Following the Great Recession FY2009-2019 (2020\$)





FY2009 FY2010 FY2011 FY2012 FY2013 FY2014 FY2015 FY2016 FY2017 FY2018 FY2019

**Data Source:** F-33 School District Fiscal Survey, U.S. Census of Governments, FY 2009-2019, data field F12 for school construction capital outlay, inflation adjusted with the Turner Construction Index.

#### TYPES OF DEFICIENCIES THAT ACCUMULATE IN SCHOOL FACILITIES XXXIII

*Life-Cycle Deficiencies* exist when a system, component, finish, fixture, or piece of installed equipment Is old-in technical terms, "used beyond it's recommended life." It may work, but because it is old, it is at high risk for failure, and likely to create an emergency. This is far more costly than replacing old components or systems before they fail.

**Maintenance (Functional) Deficiencies** exist when a system, component, finish, fixture, or piece of equipment is nonfunction or operates at suboptimal levels – even if it is within it's expected life. Commissioning is expensive but most existing installed mechanical systems are not operating at over 80% efficiency. Several buildings with new systems were failing on Thermal Comfort alone without factoring efficiency. This is due to failed installations that required recommissioning to correct. Recommissioning alone will reduce the carbon footprint.

**Site Deficiencies** can result from problems with the location or design of the facility and of the conditions on the site. Location and design site deficiencies could be an overcrowded school, or a school located in a noisy location. Site condition deficiencies include such items as unsafe student drop-off areas, inadequate tree cover in outdoor play areas, and deteriorated fencing, retaining walls, sidewalks, or blacktop.

*Education Design Deficiencies* occur when the facility design, furniture, fixtures, and equipment do not properly support the school's educational program or other priorities needed by the school. For examples, there are educational deficiencies when early childhood classrooms have no student toilets within the classrooms, when science labs have no running water, or when band rooms have no acoustical treatment or places for instrument storage.

**Environmental Deficiencies** reflect the ways that location, design, construction, and operations contribute to the environmental impact of a school. For example, deficiencies may arise from the vehicular miles generate by the location of a school, the level of unrecycled refuse generate on site, the energy and water consumption from school operations, and the environmental impact of construction practices.

**Resiliency Deficiencies** involve both site and building elements. Assessments for natural and human threats and the resiliency needed for both will identify design and operational deficiencies associated with managing risks associated with extreme weather and extreme human behaviors. Deficiencies may be found in the siting of the school, on the wind durability or windows or roofs, on the reliability of the school public address system, or of other life-safety systems and protocols.

#### FACILITIES MAINTENANCE AND OPERATIONS IN OUR NATION'S PUBLIC SCHOOLS

School buildings and grounds require continuous maintenance to be healthy, safe and operationally efficient. Using 3 percent of the facilities' current replacement value (CRV) on annual facilities maintenance and operations of plant, districts can meet good stewardship standards for cleaning, grounds keeping, routine and preventive maintenance, minor repairs, energy management, and cover the costs of utilities and building security. See Appendix B: M&O and Capital Investment Data and Appendix C: M&O and Capital Standards, Expenditures and Gaps for state by state data on district facilities spending and investments.

For fiscal years 2017-2019, school districts spent an annual average of \$56 billion on maintenance and operations of plant (see Table 3). This total equals about 8.9 percent of their total education spending. However, based on a 3 percent CRV standard for maintenance and operations, nationally districts should be spending about \$84 billion on M&O each year. To meet this standard means an increase of district operating funding for facilities maintenance and operations of about \$27.6 billion a year, an increase of \$570 per student, or in terms of building space, an increase of \$3.40 per gross square foot.

## **TABLE 3:** Compared to the 3% CRV M&O Budget Benchmark, the Nation's Public School Districts Under-Fund Annual Maintenance and Operations by \$27.6 billion every year.

U.S. states, D.C., Puerto Rico, Bureau of Indian Education and Outlying Areas	Total	Per Student (2018-19)	Per Gross Square Ft
Standard: 3% of CRV for Annual M&O	\$83,580,086,572	\$1,726	\$10.30
Expenditures: Annual Average FY2017-19	\$55,996,526,107	\$1,156	\$6.90
Gap: Annual Shortfall for M&O	\$27,583,560,465	\$570	\$3.40

Annual Average M&O Standard for Funding Good Stewardship, Actual Expenditures, and Projected Gap

**Data Source:** See Data Sources and Methods and Appendix C: M&O and Capital Standards, Expenditures and Gaps.

Utilities are about 22 percent of school district maintenance and operation costs—about \$12.5 billion per year in fiscal year 2018.xxxiv These "fixed" costs can be changed by targeting "net zero energy use" at each education facility. This achieves two goals. The first is allowing districts to assign more financial resources to learning. The second benefit is shrinking the carbon footprint of that school. This reduces the pressure on the energy grid and power plants.

The under-investment in school facilities maintenance and operations of \$27.6 billion per year negatively affects the daily lives of students, teachers and other staff. However, closing the gap for M&O comes with strong returns. By fully funding maintenance and operations, school environments will be healthier and safer, and utility costs can be reduced. In addition, with adequate preventive and routine maintenance and repairs, the useful lives of building systems, components and equipment can be extended, resulting in millions of dollars saved in future capital costs.

Meeting higher standards for M&O stewardship would support an estimated 319,321 new jobs in schools across the nation. These good green jobs would include custodians, grounds keepers, building engineers, energy managers, facilities planners, health and safety officers, and building trades specialists.<sup>xxxv</sup>

#### CAPITAL INVESTMENTS IN PUBLIC EDUCATION FACILITIES INFRASTRUCTURE

All facilities deteriorate with time and use. Major building systems, components, furniture, fixtures and equipment need upgrades and replacement. Without this, the health, safety, educational suitability, and environmental sustainability and resilience of the schools eventually fail. Older generations of schools need modernization (and sometimes replacement) to meet current standards and codes as well as to support modern educational and community programs and services. School districts need periodic large capital investments for these critical capital projects. Table 4 provides a snapshot of the needs, efforts and shortfall of the nation's school construction capital investments in total, by student and by gross square foot of building space.

For all school districts to ensure that their existing schools have the renewals and alterations, and accelerate the reduction of deferred maintenance and elimination of legacy toxics in their aged facilities, they should invest 4 percent of their CRV on school construction capital investment - totaling **\$111 billion** per year nationally.

From FY2009 to FY2019, the U.S. states, Washington, D.C., Puerto Rico, Bureau of Indian Education and Outlying Areas school districts invested an annual average of \$54 billion (2020\$) into public school construction. PK-12 capital outlay is the second largest user of state and local capital outlay after highways. Even so, this level of investment leaves an annual capital investment gap of more than \$57 billion. Almost \$1,200 per student more capital investment is needed to ensure all students are in modern facilities.

**TABLE 4:** Compared to the 4% CRV Capital Budget Benchmark, the Nation's Public School Districts Under-Fund capital renewals, alterations, and deferred major maintenance by \$57.3 billion every year.

Annual Average Capital Investment Standard for Good Stewardship, Actual Expenditures, and Projected Gap

U.S. states, D.C., Puerto Rico, Bureau of Indian Education and Outlying Areas	Total	Per Student (2018-19)	Per Gross Square Ft
<b>Standard</b> : 4% of CRV for Annual Facilities Capital Investment	\$111,440,115,430	\$2,301	\$13.73
<b>Expenditures</b> : Annual Average FY09-19 (2020\$)*	\$54,125,232,442	\$1,118	\$6.67
<b>Gap</b> : Annual Shortfall for Facilities Capital Investment	\$57,314,882,988	\$1,184	\$7.06

Data Source: See Data Methods and Appendix C: M&O and Capital Standards, Expenditures and Gaps.

<sup>5</sup> In high states with high enrollment growth, we subtracted an estimate for new school construction expenditures from actual expenditures to establish a gap based on levels of capital investment on existing facilities.

With chronic underfunding of capital needs, building and site deficiencies accumulate. Facility deficiencies have negative effects on human health and safety, the quality of the educational experience, working conditions for teachers and other school staff, and a depressive effect on the vitality of communities.

Eliminating the annual capital investment gap will bring all public schools into the 21st century. This will benefit health, education, the environment, community well-being and resiliency, as documented in the Quality Schools Build Healthy and Prosperous Societies section of this report.

Closing the nation's capital construction gap will support an additional 941,952 direct, indirect and induced jobs. Modernizing our nation's public school facilities will require men and women trained in construction, manufacturing, architecture, project management, information technology and each of the building trades. School construction requires a host of new green jobs to plan, design, engineer, and construction more resilient and sustainable buildings and grounds. This work will drive the engines of local economies, as people focused on rebuilding our schools support the jobs of others.<sup>xxxvi</sup>

Photo credit: 21st Century School Fund



# PUBLIC SCHOOL FACILITIES ARE NOT EQUITABLE

In this section the report examines district level data on facilities spending and investments by income of students, race of students and the locale codes of the school districts. The equity analysis uses the average per school spending of regular school districts to understand the variation between districts.

Some students are in state-of-the-art public school facilities that make the news and impress us with their brilliance and beauty. However, other students – primarily in high poverty districts and often children of color in distressed communities – attend school in deteriorated and substandard facilities.

Inequitable school facility conditions have persisted over decades but have been largely ignored and are often hidden. In 1991, education scholar Jonathan Kozol published *Savage Inequalities*, a searing indictment of America's public education system that highlighted just how little had changed since the *1954 Brown v. Board of Education* decision, when the deplorable condition of school facilities for African American students was key evidence of the harm done by *de jure* segregation. <sup>xxxvii</sup>

The 1995 GAO report found that children of color and low-income students disproportionately attended under-resourced schools, where educational environments were the least conducive to learning.<sup>xxxviii</sup> In 2006, the education equity collaborative, Building Educational Success Together (BEST), published a landmark report analyzing access to healthy, safe and educationally suitable public school facilities across the country. The report found gross disparities in the levels of capital investment, with billions of public dollars flowing unequally and exacerbating the educational divide between rich and poor.<sup>xxxix</sup> Affluent school districts spent nearly three times as much on building improvements as their lower-income counterparts. How they spent their facilities funding was just as significant as how much they spent. Schools serving low-income students were more likely to need the money for harm-reduction, such as removing asbestos or repairing a roof. Well-resourced schools, on the other hand, spent on amenities to actively enhance the student experience, such as performing arts centers.

There are schools today in comparably poor conditions. But too often, facility deficiencies become a crisis and before the public pays attention. The following are just a few examples of public schools in crisis, due to poor facilities conditions:

- In Flint, Michigan, photos of "do not drink" placards over high school drinking fountains hit front pages during the city's water crisis, as the threat of lead exposure loomed large.<sup>xl</sup>
- In Broward County, Florida, mold-infested school buildings made the news after the teachers union spoke out and educators were exhausting their sick days, even leaving the district and teaching altogether, because the air quality caused so many health problems.<sup>xli</sup>
- Philadelphia newspapers declared theirs a "Toxic City," reporting on lead paint, cancer-causing asbestos and other toxins being poorly managed throughout their schools.<sup>xlii</sup>
- Across the country, media outlets have covered school closures, as school buildings illequipped to deal with extreme heat,<sup>xliii</sup> extreme cold<sup>xliv</sup> and natural disasters were forced to shut down.<sup>xlv</sup>

The majority of our nation's public schools need not be shuttered, but they operate with deficiencies and inadequacies that pose unnecessary health, safety and education risks to children and staff. Additionally, public schools contribute to environmental degradation, with poor storm-water management and over-use of fossil fuels. Public school facilities are often vulnerable to weather hazards, rather than able to mitigate their effects on communities.

#### DISPARITY IN FACILITIES SPENDING AND INVESTMENT BY FAMILY INCOME

**CHART 5:** Low Poverty Districts Spent Nearly \$200,000 a year more Per School on Annual Maintenance and Operations than High and Medium Poverty Districts

Annual Average M&O Spending per School by % Economically Disadvantaged Students FY16-18



**Note:** High poverty >65% economically disadvantaged students; Medium poverty 33-65%; Low poverty <33%, using Free/ Reduced Lunch or direct certification measures by school from NCES Common Core school level data.

**Data Source:** S F-33 School District Fiscal Survey, U.S. Census of Governments, data field V40, in actual \$ annual average for FY17-19.

Examining spending data from 13,483 public school districts across the country tells the same unacceptable story: districts with the highest need students continue to see the lowest funding levels when it comes to maintenance and operations spending and school construction capital investments, as is shown in Charts 5 and 6.

## **CHART 6:** High Poverty Districts Spent 37% less Per School on Capital Investments than Low Poverty Districts, but Medium Poverty Districts fared little better than High Poverty Districts.



#### 10 Years of School District Construction per School by % Economically Disadvantaged Students FY09-18

**Note:** High poverty >65% economically disadvantaged students; Medium poverty 33-65%; Low poverty <33%, using Free/ Reduced Lunch or direct certification measures by school from NCES Common Core school level data.

**Data Source:** F-33 School District Fiscal Survey, U.S. Census of Governments, school construction capital outlay, NCES data field F12, inflation adjusted with the Turner Construction Index.
able 5 organizes districts, schools and students by poverty levels, as well as the average M&O spending and Capital investments averaged by school in the districts. Students in low poverty districts, with fewer than one-third of their students eligible for free or reduced priced lunch or that are directly certified as economically disadvantaged, attended schools where the average amount of operating expenditures for the maintenance and operations of their facilities was about \$600,000 for fiscal year 2018, as documented in Chart 5. These students are in schools that spend on average 27 percent more than the national average for their operations and maintenance of plant.

With chronic underfunding of capital needs, building and site deficiencies accumulate. Facility deficiencies have negative effects on human health and safety, the quality of the educational experience, working conditions for teachers and other school staff, and a depressive effect on the vitality of communities.

### **TABLE 5:** Per school construction capital outlay and per school M&O annual expenditures are lowest in high poverty districts.

	Low Poverty	Medium Poverty	High Poverty	Total/Avg
2017-2018 ELEMENTARY & SEC	CONDARY EDUCAT	ION		
# of Districts	3,784	6,597	3,102	13,483
# of Public Schools	21,258	43,496	28,008	92,762
Enrollment	11,958,297	21,790,502	14,624,282	48,373,081
SCHOOL CONSTRUCTION CAR	PITAL OUTLAY TOT	AL FOR FY09-18	-	
Total Expenditures (2020\$)	\$140,872,613,977	\$238,577,425,794	\$188,684,542,817	\$568,134,582,58
Per School, District Average	\$5,219,363	\$4,055,498	\$3,830,461	\$4,330,362
M&O ANNUAL AVG FY16-18				
Total Annual Expenditures	\$13,518,411,667	\$22,287,812,333	\$17,950,255,000	\$53,756,479,00
Per School, District Average	\$598,748	\$415,095	\$428,546	\$469,731

PK-12 Public Education Facilities Expenditures by 2017-18 Districts, Schools, and Enrollment

Note: High poverty >65% economically disadvantaged students; Medium poverty 33-65%; Low poverty <33%.

**Data Source:** Income data from Common Core Data, NCES. F-33 School District Fiscal Survey, U.S. Census of Governments, school construction capital outlay, NCES data field F12, FY09-18, inflation adjusted with the Turner Construction Index: M&O data field V40. See Appendix A: Facilities Inventory; Appendix B: M&O Spending and Capital Investment Data; and Appendix D: Equity, for state level detail.

Students in low poverty districts had 27 percent more for M&O, and 37 percent more school construction capital outlay than the high poverty districts, can be calculated from Table 5.



Photo credit: Through your lens - student photo

This means the public schools in low poverty districts will likely be clean, have well-kept school grounds and operate as they were designed and engineered to operate. Due to the greater capital investments, they are also likely to be more modern and educationally aligned to support teacher and student success.

It is striking that the medium poverty districts, with 33-65 percent of students from economically disadvantaged families, are far closer to the profile of high poverty district than they are to low poverty districts. This reveals that the deficiencies in public school facilities are widespread and that the D+ award by the American Society of Engineers to public school infrastructure, is warranted.<sup>xlvi</sup>

Economically disadvantaged students disproportionately attend schools that have not had the dollars for necessary facilities maintenance, operations or modernizations (charts 3 and 4). This means they are learning in classrooms lacking air conditioning or eating lunch in an outdated cafeteria that doubles as a gym, attending schools with pest problems, legacy toxics, and without educational enhancements and supports that retain teachers or students in schools.

### DISPARITY IN CAPITAL INVESTMENT BY RACE AND FAMILY INCOME

Native American, Black and Hispanic children are disproportionately represented in schools with lower facilities investments and maintenance and operations spending. Table 6 illustrates that Black, Hispanic and Native American students are over-represented in high poverty school districts. In the U.S. in the 2017-18 school year, a total of 27 percent of all elementary and secondary school students identified as of Hispanic origin, but in the high poverty districts, 46 percent of students were Hispanic. Likewise, 15 percent of elementary and secondary students identified as Black or African American, but 22 percent were in high poverty districts, whereas of all elementary and secondary students in regular public schools, 48 percent identified as white, but 69 percent were in low poverty school districts and only 22 percent of white students were in high poverty school districts.

### **TABLE 6:** Minority Students are Over Represented in High Poverty Schools where Capital Investments are Lowest

10 Years of District School Construction C	Capital Outlay Ave	raged by School and Po	verty Level of District
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U.S. st BIE an	ates & D.C. (Excludes P.R., Id Outlaying Areas)	Low Poverty	Medium Poverty	High Poverty	Total/Avg
Average School Capital Investment - FY09-18		\$5,219,363	\$4,055,498	\$3,830,461	\$4,330,362
Eleme Enrollr	ntary and Secondary ment 2017-2018	11,958,297	21,790,502	<b>14,624,282</b> 48,373	
NICITY	American Indian/Alaska Native Students	0.4%	0.9%	1.6%	1.0%
CE/ETH	Asian, Native Hawaiian, and Pacific Islander Students	8%	5%	5%	6%
IT BY RA	Black or African American Students	6%	14%	23%	15%
LMEN	Hispanic Students	12%	22%	46%	27%
ENROLI	Two or More Races Students	4%	4%	3%	4%
10 %	White Students	69%	54%	22%	48%

Note: High poverty >65% economically disadvantaged students; Medium poverty 33-65%; Low poverty <33%.

**Data Source:** Demographic and income data from Common Core Data, NCES. F-33 School District Fiscal Survey, U.S. Census of Governments, school construction capital outlay, NCES data field F12, FY09-18, inflation adjusted with the Turner Construction Index. See Appendix D: Equity for state level detail.

Nationally, the gap findings and the distribution data suggest that the 12 million students in low poverty districts are likely to be in adequate facilities, but that the other 36 million students suffer mediocre to poor conditions in their public schools.



#### **DISPARITY IN CAPITAL INVESTMENT BY LOCALE AND FAMILY INCOME**

Where students live also affects the level of investments in public school facilities. As is illustrated in Table 7, rural school districts have spent, on average, less than half the spending in city or suburban districts.



Photo credit: Through your lens - student photo

Spending patterns need to be looked at in context. For example, when looking at M&O per student, the rural spending is the highest, but when evaluating it per school, it is the lowest. Low enrollment schools have higher costs per student, but often have substantial building space to operate, maintain or modernize. In another example of the need to further examine equity data in context. Urban labor costs tend to be the highest. This can confound the comparisons because when the same work costs more in urban locations, then spending levels will mask some of the variation in what deficiencies are accumulating or being remedied, and judgements using fiscal modeling to reflect actual conditions will be incorrect.<sup>xtvii</sup>

However, the contrast between what is being spent in rural and town districts and their city and suburban counterparts is so extreme, that this finding, combined with known challenges of rural districts, emphasizes the structural challenges in facilities funding in our nation's public schools. In every income group, rural school districts have had on average, lower maintenance and operations spending and capital investments per school than any other geographic area, as is shown in Table 7.

### **TABLE 7:** Rural School Districts have the Lowest Capital Investments and M&O Spending at Every Income Level

#### Capital Investment Averaged by District School and Family Income and Locale FY2009-2018 (2020\$)

	2017-2 Sec	2018 Eleme ondary Edu	entary and Ication	School Construc Outlay FY(	tion Capital 09-18	M&O Annı FY16-1	ual Avg L8
	Districts	Public Schools	Enrollment	Total Expenditures (2020\$)	Per School, District Average	Total Annual Expenditures	Per School, District Average
LOW POV	ERTY						
Total	3,784	21,258	11,958,297	\$140,872,613,977	\$5,219,363	\$13,518,411,667	\$635,921
City	148	2,470	1,484,308	\$21,130,687,970	\$8,268,786	\$1,526,357,333	\$617,958
Suburb	1,573	12,300	8,120,734	\$89,170,257,002	\$6,764,537	\$9,400,464,000	\$764,265
Town	388	1,723	729,498	\$9,521,367,563	\$5,724,305	\$768,748,000	\$446,168
Rural	1,675	4,765	1,623,757	\$21,050,301,442	\$3,381,875	\$1,822,842,333	\$382,548
MEDIUM F	POVERTY		1				1
Total	6,597	43,496	21,790,502	\$238,577,425,794	\$4,055,498	\$22,287,812,333	\$512,411
City	342	9,402	5,524,913	\$70,757,907,747	\$6,902,721	\$5,600,609,333	\$595,683
Suburb	1,071	14,055	9,091,500	\$93,930,411,006	\$6,363,151	\$9,188,400,333	\$653,746
Town	1,376	7,310	3,010,967	\$33,095,398,413	\$4,507,624	\$3,118,844,667	\$426,655
Rural	3,808	12,729	4,163,122	\$40,793,708,628	\$2,987,385	\$4,379,958,000	\$344,093
HIGH PO	/ERTY						
Total	3,102	28,008	14,624,282	\$188,684,542,817	\$3,830,461	\$17,950,255,000	\$640,897
City	323	12,748	7,584,749	\$115,893,066,129	\$6,420,902	\$9,904,997,333	\$776,984
Suburb	514	5,960	3,686,431	\$40,400,631,355	\$6,463,548	\$4,476,811,333	\$751,143
Town	676	3,834	1,648,235	\$16,444,393,244	\$4,180,742	\$1,711,345,333	\$446,360
Rural	1589	5,466	1,704,867	\$15,946,452,089	\$2,303,142	\$1,857,101,000	\$339,755

**Data Source:** Income and locale data from Common Core Data, NCES. F-33 School District Fiscal Survey, U.S. Census of Governments, school construction capital outlay, NCES data field F12, FY09-18, inflation adjusted with the Turner Construction Index; NCES data field V40. See Appendix D: Equity for state level detail.

School districts across the country have worked hard to deliver healthy, safe and educationally suitable public school facilities. However, the gaps between good stewardship standards for maintenance and operations and capital improvements and the current levels of expenditures for maintenance and operations and capital improvements is growing. Closing these gaps is necessary to ensure that all of the nation's public schools meet modern standards for health, safety, education suitability, and environmental sustainability and resiliency.

## PUBLIC SCHOOL FACILITIES STEWARDSHIP

Good stewardship of public school facilities requires stable and sufficient funding, but it also requires good data, ongoing stakeholder planning, sound governance and decision-making processes, effective management, and regular oversight and accountability.<sup>xtviii</sup> On the instructional side of public schooling there is a well-developed local, state, and federal partnership for educational programming, research, data, accountability and funding. However, facilities operations and capital management are not a part of the state and federal education partnership. This is illustrated by how the capital construction responsibilities of school districts are funded. On average, for the general operating expenditures of public education, local districts pay for 45 percent, the state pays for 45 percent, and the federal government contributes 10 percent.<sup>xlix</sup> On the other hand, for capital school construction outlay, on average, local districts paid 77 percent, the states paid 22 percent, and the federal government paid just a bit more than 1% from fiscal years 2009 to 2019.

### **CHART 7:** Local School Districts Fund most of the Nation's School Construction Capital Outlay—Creating the Structure for Inequitable Facilities Conditions



**Data Source:** U.S. Census of Governments F-33 Fiscal Survey: data fields C11 (adjusted for Ohio, New York, and Oregon), school construction capital outlay data field F12, and HE2 data field for capital outlay from American Recovery and Reinvestment Act (ARRA); and Public Assistance and Mitigation funds from FEMA.gov FY2009-2019.

### SCHOOL DISTRICT ROLES AND RESPONSIBILITIES

The responsibility for the delivery of healthy, safe and educationally adequate public school facilities primarily sits with local school districts. School districts, no matter their size, are responsible for maintenance and operations of facilities and for deciding on and managing capital improvement projects for schools, administrative and operational facilities. Since the median size of the nation's nearly 14,000 regular school districts is only 962 students in 2018-19, and only 931 districts had enrollments of over 10,000 students, operating a long term capital program can be hard to manage.

School districts are responsible for determining what level of their operating budgets will go to maintenance and operations, and they are responsible for raising revenue to build and modernize their facilities. As is clear from the low level of average capital outlay by schools in rural districts described in Table 7 in the previous section, these small districts with low enrollments combined with low wealth of district residents can make good stewardship of public school facilities extremely difficult or even impossible. Low wealth and small districts do not have sufficient revenue from local property or sales tax, or other sources of revenue to finance enough borrowing to address their accumulated deficiencies from aged infrastructure.

School districts held \$486 billion in long-term debt at the end of fiscal year 2019, amounting to \$11,016 per student. (Appendix E)

School districts paid \$110 billion over the 11 years from fiscal years 2009-2019 for PK–12 capital projects, almost entirely (77 percent) with local funds. To do this, districts that could afford to do so borrowed to finance the cost of school construction capital investments. Most of this debt was for school construction or for purchase of land and other buildings. Local districts paid \$20 billion in FY2019 from their operating budgets for interest on their long-term debt. Interest payments of school districts were nearly \$4 billion more than public schools received in Title I funding for disadvantaged students from the U.S. Department of Education in 2019.

### STATE CAPACITY FOR PUBLIC SCHOOL FACILITIES AID AND TECHNICAL ASSISTANCE

State level roles and responsibilities for public school facilities are a complex patchwork. State capacity for facilities funding, data management, planning, accountability and technical assistance vary widely from state to state. In every state, except Hawaii, local districts have the operational responsibilities for managing their inventory of public facilities, but states are increasingly developing capacity for funding and technical assistance.

States contributed a total of nearly \$141 billion for capital outlay and debt service to school districts over the fiscal years 2009-2019. This represented only 22 percent of total school construction capital outlay. However, as Chart 8 reveals, the level of funding from states has fallen.

### **CHART 8:** State Support to Local School Districts for Capital Projects and Debt Service has Steadily Declined

#### State funds paid to districts for capital projects and debt service FY2009-19 (2020\$)



**Data Source:** F-33 School District Fiscal Survey, U.S. Census of Governments, data field C11, inflation adjusted with the Turner Construction Index, corrections for Ohio, New York, and Oregon, where Districts did not report state building aid.



The reduction in state funding is another contributing factor to the increased facilities M&O and investment gap. State funding is also a critically important way that structural inequities in school facilities conditions are alleviated. High poverty districts, often in rural areas, have sued their states seeking adequate and equitable funding.<sup>1</sup> Successful cases in Wyoming, New Mexico, New Jersey, Arkansas, West Virginia, Arizona, California and Kentucky have resulted in increased state capacity and funding assistance for high poverty public school facilities. In other states, like Ohio, Massachusetts, Rhode Island and Oregon, political pressure, rather than the courts, brought states to the table to address public school facility inadequacies and inequities. States like Alaska, Hawaii and Delaware have long traditions of state support for public school facilities.

Map 1 identifies the level of state funding dedicated to school facilities capital investments. Thirty- four state departments of education fund some level of local district school facilities improvements or debt service. Six states (Massachusetts, Ohio, New Mexico, Wyoming, West Virginia and recently Hawaii) have separate public authorities with responsibilities for funding public school construction projects. However, 11 state departments of education had neither a separate authority nor provided funds to school districts specifically for school construction or debt service from fiscal year 2009 to 2019.

**MAP 1:** Only eight states provide 50% or more to local districts for school construction capital outlay and debt service, and there are eleven states that provide districts no dedicated construction funding or debt service.



#### Levels of State Contribution to District School Construction Capital Outlay FY09-19

**Data Source:** U.S. Census of Governments F-33 Fiscal Survey: data field C11 – State Revenue for Capital Outlay and Debt Service, (adjusted for Ohio, New York, and Oregon). See Appendix E: Source of Capital Funds for School Construction Capital Outlay FY2009-2019 in 2020\$.

### FEDERAL INTEREST IN PK-12 PUBLIC EDUCATION INFRASTRUCTURE

A prominent missing partner at the table for elementary and secondary public education infrastructure is the U.S. Department of Education.<sup>11</sup> With no federal legislative program to address the educational facilities' needs of low wealth and high need school districts, the U.S. Department of Education has not integrated issues related to the built environment of schools into its school improvement and equity strategies. To date, there is no dedicated program or office in the U.S. Department of Education that has staffing and technical capacity to provide support to states or districts on school facilities data, research or best practice.

There is no data collected on public school facilities specifically by the National Center for Education Statistics (NCES), which is why we have only fiscal data to use as nationally comparable data to try to understand public school facilities conditions and equity. The Institute for Education Sciences has funded little research on the impact of school facilities on learning, teaching, student or teacher mental or physical health, or inequity in education. A tiny bright spot in the U.S. Department of Education is the Green Ribbon Schools (ED-GRS), which is an unfunded recognition award for states, districts, schools, or institutions of higher education meant to inspire environmental sustainability practices.

The Government Accountability Office (GAO) and the National Center for Education Statistics have done occasional surveys and studies on our nation's public school facilities, but these are not released on a consistent basis.

There is an array of federal agencies with minor programs affecting public school facilities. These are catalogued in a 2015 Congressional Research Service Report.<sup>III</sup> As the report acknowledges, "the largest federal contributions are indirect—the forgone revenue attributable to the exemption of interest on state and local governmental bonds used for school construction, modernization, renovation, and repair; and other tax credits." There are some direct grants for schools with high populations of students who are Alaska Natives, Native Hawaiians, American Indians, children of military parents and individuals with disabilities.

The most substantial sources of funding for public school district facilities from fiscal year 2009 to 2019 were from the Federal Emergency Management Agency (FEMA) and from the 2009 American Recovery and Reinvestment Act (ARRA). The FEMA and ARRA funds were situational rather than ongoing. FEMA funds were for mitigation and disaster relief and ARRA funding represented a one-time payment in a time of economic hardship.



Federal funding for public school facilities was only about 1.3% of school districts' school construction capital outlay from fiscal year 2009 to 2019—about \$7.1 billion 2020\$. The ARRA funding was not dedicated to facilities; rather, facilities were identified as an allowable beneficiary within the larger Education Stabilization Funding that was provided to school districts and states. Only about 5 percent of the ARRA funds were used for school construction. However, there were eight states that used more than \$150 million of their American Recovery and Reinvestment Act funding for capital outlay. These are listed in Table 8.

### **TABLE 8:** Eight States Used over \$150 Million of their Federal ARRA Funds for Capital Outlay

Federal FY09-14 ARRA Funds for Capital Outlay (2020\$)

State	Federal ARRA Funds for Capital Outlay (20202\$)
Arkansas	\$429,337,163
Florida	\$1,288,441,236
Illinois	\$223,202,461
Indiana	\$303,209,996
Mississippi	\$150,907,380
Pennsylvania	\$174,946,269
Texas	\$418,109,705
Virginia	\$200,447,889



Elementary and Secondary School Emergency Relief (ESSER) funds appropriated by the U.S. Congress in 2020 and 2021 help address the costs associated with operating public schools during a pandemic. ESSER funds also provide an important opportunity to begin to address the inadequacies and inequities in America's public school buildings and grounds. Table 8 shows what federal funds can do to meet the nation's maintenance, operations and modernization needs and close the facilities spending and investment gaps.

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PK-12 public school district recipients of ESSER funds apply \$31 billion of their relief funding toward the \$251 billion needed for three years of annual maintenance and operations, facilities maintenance and operations, then public school districts could reduce the three year \$83 billion M&O gap by 37%. Closing the maintenance and operations gap will be a critical step toward making schools healthier and safer. This still leaves \$52 billion of critical maintenance and operations unfunded — \$17.3 billion each year — but will make a measurable difference in school districts' ability to provide health and safe facilities during the pandemic.

If federal funding at the levels envisioned under the Rebuild America's School Infrastructure Act were provided to states, the District of Columbia, Bureau of Indian Education Schools, Puerto Rico, and Outlying Areas, then there would be nearly \$130 billion toward the \$1.1 trillion ten year needs to modernize and replace obsolete schools and systems in the nation's public schools. A federal program to address the gross disparities in capacity of districts to modernize their schools could close the national ten year FY22-31 capital investment gap of \$573 billion by 22 percent.

**CHART 9:** Federal funding for PK-12 public school facilities can help districts address significant immediate facilities deficiencies exacerbated by pandemic conditions and build state and local capacity to eliminate longstanding deficiencies that will improve school facilities for generations.



PRIORITY ACTIONS FOR SYSTEMIC REFORM FOR EDUCATION & EQUITY The COVID-19 pandemic exemplified what has been a chronic and growing problem of public school districts—substandard school facilities. With this context, we see that letting buildings and grounds deteriorate by deferring maintenance and neglecting capital investments creates an education infrastructure deficit. This has grown even with district spending and investment of over \$110 billion a year. But like other types of debt, not paying it down, actually makes it grow. The gap between needs and efforts grew from \$46 billion a year in 2016 to \$85 billion a year in 2021.

Making up an \$85 billion a year gap is daunting. Business as usual will not make it go away, and even increasing funding alone, will not remedy the structural inequities and shortcomings of our nation's public education infrastructure. **Modernizing our public school infrastructure for all students and communities will take a vision, resolve, and local, state, and federal systemic reforms. But the benefits of reforms for a smarter and fairer system will be great**. A smarter system of facilities planning and management could reduce the annual need for capital investment by 1 percent of CRV or nearly \$28 billion (2020\$) every year. Additionally, energy management, including a net zero energy strategy in new and modernized schools, could save at least 25 percent of the cost of utilities—about \$3 billion a year. But progress against our growing deficit will not happen without systemic policy changes at the local, state, and federal levels.

Following the release of the 2016 State of our Schools Report, a research team from the 21st Century School Fund and the Center for Cities + Schools at the University of California, Berkeley facilitated a national engagement process to identify the challenges to adequate and equitable PK–12 infrastructure and to propose system reforms.



This process garnered input from 85 individuals from 33 states and the District of Columbia who represented a diverse group of nonprofit advocacy leaders, local and state officials, researchers, building industry professionals, labor advocates and finance experts. Through a year-long engagement they identified the essentials for modern PK-12 infrastructure stewardship, as well as fifty-five priority actions required for implementation. The priority actions included local, state and federal recommendations divided into six areas:

- 1. Public governance and decision making
- 2. Facilities operating and capital funding
- 3. Facilities management
- 4. Facilities planning
- 5. Facilities data and information management
- 6. Accountability



#### PUBLIC GOVERNANCE AND DECISION MAKING

The intensely local nature of our public school district governance provides a foundation for our democracy because it engages community members in civic responsibilities and exemplifies democratic processes at a local scale. However it also means that income, race, and location inequities are structured into public school districts, and that there are half of our nearly 14,000 school districts with less than 1,000 students. Each district is seeking information and doing the same work to try to figure out health guidance and operational changes on their own. Priority system reforms to support leadership and governance reforms:

- 1. Establish local education and municipal policies to ensure effective delivery of public school facilities
- 2. Establish a facilities office in each state department of education or as an independent state agency
- 3. Guide state facilities decisions with an independent advisory committee
- 4. Provide state financial, technical and training assistance to local school districts
- 5. Establish state policies to support local government inter-agency capital planning and development
- 6. Develop model legal contracts for innovative PK-12 infrastructure partnerships
- 7. Establish an office in the U.S. Department of Education, with a strategic national focus on facilities adequacy and equity
- 8. Support PK-12 facilities research, guidance and technical assistance in all relevant federal agencies
- 9. Establish local policies to guide fair and efficient facilities decision-making and approval processes

### FACILITIES OPERATING AND CAPITAL FUNDING

This report shows that districts are struggling with a substantial shortfall in funding for annual maintenance and operations—nationally districts have a M&O funding gap at a level of about \$27.6 billion each year. Additionally, to modernize our current inventory of facilities, districts would also have to bridge the annual gap of \$57.4 billion for capital investments. This cannot be done without a local, state and federal partnership. **Priority system reforms to address facilities funding gaps**:

- 10. Create and maintain a dedicated maintenance fund for routine and preventive maintenance
- 11. Incorporate better systems for using "pay-as-you-go" funding for capital renewals
- 12. Reduce state legal barriers that limit local school districts from raising local revenue
- 13. Enact state legislation to provide school districts the flexibility to raise revenue from sources other than property tax
- 14. Establish dedicated state revenue streams for repayment of PK-12 capital improvement bonds
- 15. Facilitate partnerships between school districts and community colleges and universities
- 16. Establish a federal-state partnership with a PK-12 infrastructure "revolving fund"
- 17. Ensure states have the flexibility to allow and regulate local district securitization of up to 10% of their federal Title I Funds for major repairs
- 18. Incorporate public school infrastructure in any federal infrastructure initiative
- 19. Establish federal programs to fund states for capital construction for PK-12 infrastructure

#### **FACILITIES MANAGEMENT**

Managing public school capital planning, financing, design and construction has grown more complex over the decades, with the COVID-19 pandemic adding new challenges and responsibilities. At the district level, most districts are small and do not maintain capital planning, budgeting, financing or management capacity in their districts. Even in large school districts, these functions are typically understaffed, under-paid and under-resourced compared to facilities management in the private sector. This makes it difficult to secure and r experienced professional facilities staff. **Priority system reforms to improve facilities management:** 

- 20. Incorporate the values and vision for adequate and equitable school buildings and grounds into the school district's mission, vision and strategic plans
- 21. Establish regular lines of communication between school district program/curriculum staff and facilities staff
- 22. Provide relevant building condition system data to facilities maintenance and operations personnel
- 23. Establish a regular maintenance and operations reporting system for facilities personnel
- 24. Provide adequate staff training and ongoing technical support for facilities staff
- 25. Develop facility lifecycle costing templates, methods, and standards for school district management
- 26. Adopt standard processes for capital project management that is documented in a procedures guide
- 27. Establish a clear 1-2 page "project charter agreement" for every capital project
- 28. Require a web-based project management information system
- 29. Conduct facilities workshops for parents and community members about facilities planning and decision making
- 30. Adequately staff state facilities offices for their data management, planning, technical assistance and oversight responsibilities

#### EDUCATIONAL FACILITIES PLANNING

The vision, resolve and roadmap essential to modernizing our crumbling public school facilities can only come from a planning process that engages a broad community of inside and outside stakeholders and technicians. Modernizing this essential infrastructure for climate change, public health, equity and education quality will not happen without specific plans to advance these ends. **Priority system reforms to engage diverse stakeholders in educational facilities planning**:

- 31. Require every district to have an up-to-date five-year master facilities plan guided by public engagement and available online
- 32. Include school district facilities master plan requirements for the outdoor space on school campuses
- 33. Establish a school district facilities planning office or designee responsible for community and school engagement
- 34. Prepare annual districtwide maintenance, repair, and energy management plans
- 35. Coordinate school district and school specific facility capital and maintenance plans
- 36. Define and disseminate benchmarks for local PK-12 facilities planning
- 37. Provide technical assistance and tools for school districts on community and civic engagement
- 38. Train and educate school administrators, school boards and other stakeholders on the importance of facility planning

#### FACILITIES DATA AND INFORMATION MANAGEMENT

The critical planning, management, sound decision making and accountability needed for districts, states, and the nation's \$2.79 trillion worth of public school assets which house nearly 55 million of our children, youth and adults daily, can't be done without relevant, up-to-date and open data and information about public school facilities. **Priority system reforms to inform the public and decision makers on public school facilities:** 

- 39. Require local, state and federal facility data collection and sharing
- 40. Structure school district facility information systems to facilitate the aggregation and use of cross-functional data
- 41. Structure school district facility data systems to link to other local government data systems
- 42. Maintain a publicly accessible state facilities inventory of school district buildings, grounds and other district owned land or facilities
- 43. Include basic data on public school facilities in the Common Core of Data of the National Center for Education Statistics
- 44. Use software tools and services that facilitate data collection, aggregation and sharing
- 45. Build a shared and open data portal of facilities research, information, data, and case studies
- 46. Conduct a national "state of the field" analysis of local and state data collection on PK-12 facilities

### ACCOUNTABILITY

In all work of value and public interest, ensuring that policy makers and practitioners can be held accountable is critical. The delivery of healthy, safe, educationally suitable, environmentally sustainable and resilient public school facilities that are equitable and affordable is a serious challenge, but one which can be more readily attained with modern standards, systems to monitor public and private actors, and authorities able to enforce public objectives. **Priority system reforms for accountability to assure policy and practice align to public interests**:

- 47. Establish standards for decision making on school facilities plans and projects
- 48. Adopt design and building performance standards and performance indicators
- 49. Conduct regular statewide assessments of PK-12 school facilities
- 50. Require third-party commissioning of new schools and newly renovated building systems
- 51. Conduct regular inspections of school facilities for health and safety
- 52. Conduct process, budget and quality monitoring and audits of school construction, major renovation and systems renewal projects
- 53. Share school-level facilities data and assessment findings in real time with school-level staff
- 54. Develop a Facility Quality Index that utilizes facilities data and school and education data
- 55. Make relevant building industry and academic research available to school facilities practitioners

# CONCLUSION

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As students return to school this fall, the world continues to grapple with the catastrophic impacts of COVID-19. The pandemic has disrupted continuity of education, widened disparities in academic achievement, and taken the lives of students, teachers and staff. When they enter their classrooms, it is likely they enter spaces that suffer from long-standing deferred maintenance and modernization needs, spaces that have seen few meaningful health and safety improvements since the start of the pandemic.

Our school facility infrastructure is instrumental to the success of the next generation of Americans. Where our children learn has a profound and tangible impact on the quality of their education, which is why average annual spending and investment for our schools is so important. Despite local districts and states doing their best to adequately support and fund the nation's elementary and secondary public school facilities, the needed investment continues to fall short. Indeed, more and more districts are falling further and further behind. In aggregate, the nation's investment gap in PK-12 public school facility infrastructure has reached \$85 billion per year, jeopardizing a quality education for millions of children.

There are substantial inequities in how districts carry the burden of this \$85 billion gap. The disparities are found by community wealth, by student race or ethnicity, and by the geographic context of districts. School districts with the most students in need bear far more of the burden, and therefore suffer many more negative impacts associated with poor facilities. In fact, high poverty districts averaged \$1.4 million less spent per school for school construction improvements over a ten year period than low poverty districts.

Closing the gaps in facilities funding is a critical step to ensure that all of the nation's public schools meet modern standards for health, safety and educational suitability, as well as environmental sustainability and resiliency. Increasing M&O capabilities creates healthier environments and reduces the costs for future capital investment by extending the life of building systems. Timely capital investments increase educational opportunities for students and communities and reduce the financial and environmental costs to operating and maintaining schools.

As we strive to achieve shared goals for educational equity, child and occupant health, environmental sustainability and resilience, we know that states and the federal government can do much more to prioritize school buildings and grounds. State support for school facilities is uneven from state to state and not always equitably distributed, and except for disasters, federal assistance for our nation's public school facilities is minimal. Of the school facility investments that were made from FY09-19, localities paid 77 percent of the costs, while states paid 22 percent. The federal government provided for a mere 1 percent of costs.

Our school facility infrastructure is facing a national emergency: such severe and routine underinvestment is eroding the country's ability to provide quality student education in a safe, healthy and sustainable setting.

While some progress is being made on the systemic reforms proposed in this report, much more needs to be done and with greater urgency. We can start with the recommendations included in this report as a roadmap. Ultimately, it requires all levels of government working with their communities and their technical advisors to adopt ambitious and intentional plans and policies to close the investment gap and address the deep-rooted disparities in facilities' conditions and quality found by income, race and locale. We hope that this report will serve as both a wakeup call and a call to action: that those who read this report respond as though the future of our children and our country depends on it. In our eyes, they do.



# DATA SOURCES AND METHODS

#### 2021 State of our Schools

Without state or national databases on the conditions and qualities of public school facilities, analyzing fiscal data serves as a reliable proxy for facility conditions. Where there is severe underinvestment, severely deficient facilities are likely to exist. In this report, we use a standardsbased framework to understand the adequacy and equity of investment. This report depends on an innovative compilation of key data from a variety of sources. The state level summation of all data used in this report is included in the Appendices and is available as a separate state profile report at www.StateofourSchools2021.org. We welcome input from the field on improving our framework and analytic approach.

**Appendix A** uses National Center of Education Statistics (NCES) common core data for basic school district statistics. The National Council on School Facilities (NCSF) surveyed states on building and site inventory sizes and the cost of new construction to establish the current replacement value (CRV) estimates.

Twenty-seven states reported building inventory sizes. For states that did not report their building and site inventory size – and their enrollment increased between 2009 and 2019 - we estimated an increase to their gross square footage. The increase was based on the gross square footage number used in the 2016 State of Our Schools Report, plus 80 percent of the enrollment growth multiplied by their 2016 average GSF per student. Where there was no data from the 2016 report (Puerto Rico, Bureau of Indian Education and Outlaying Areas) we estimated the GSF per student based on comparable states and multiplied this GSF per student by their 2017-18 enrollment. If the state did not report their building and site inventory size - and their enrollment decreased or did not change - we used the state's gross square footage as reported in the 2016 State of Our Schools Report.

Twenty states provided their statewide average cost for new school construction. For the states that did not report, we used the state's average cost of new school construction from the 2016 State of Our Schools Report, adjusted to 2020 dollars using the Turner Building Cost Index.<sup>IIV</sup>

### The fiscal spending and investment data (Appendix B: M&O Spending And Capital Investment Data) is from

the U.S. Census of Governments F-33 Annual Fiscal Survey of school districts. The U.S. Census does not recognize charter education agencies as governmental entities, so they are excluded from the analysis.<sup>™</sup> Fiscal data is for actual expenditures, not budgets, and includes local school district annual revenues and expenditures, including those for capital outlay and for maintenance and operations of plant.







The F-33 also includes enrollments, which can differ slightly from inventory data from NCES common core of data.

The gap analysis data (Appendix C: M&O and Capital Standards, Expenditures and Gaps) uses spending and investment benchmarks common for building industry standards that have been adjusted for use in PK-12 education facilities analysis. For example, 2 percent of current replacement value (CRV) is a well-accepted benchmark for annual maintenance a facility. However, because the education data used to examine facilities maintenance includes maintenance, as well as utilities and building security, the benchmark used for this analysis is 3 percent.

For the **equity analysis (Appendix D: Equity)** we use free and reduced priced lunch and direct certification student data for fiscal year 2018 from the Public Elementary/Secondary Universe Survey published by the NCES's Common Core of Data. <sup>Ivi</sup> Direct certification is another means of identifying students from economically disadvantaged families. It is termed "direct" certification because families do not have to apply for the free or reduced lunch program but are reported to the district as economically disadvantaged because of their participation in other public income or food subsidy programs. Family income data were captured at the school level and combined to obtain district level data. New York City geographic districts were consolidated into one NYC school district for the equity analysis. The equity analysis was only possible for fiscal years 2009-2018 since the student family income data was not available for fiscal year 2019.

### For data on the sources of funds (Appendix E: Source of Capital Funds for School Construction Capital Outlay FY2009-

**2019 (2020\$))** we used fiscal data on state revenue for capital outlay and debt service from the F-33 survey, however, we made adjustments to this for Ohio, New York and Oregon, as districts did not report their building aid in their F-33 forms. To catalogue federal contributions to school construction, we used OpenFEMA datasets to calculate FEMA funding for school districts for 2009 to 2019. Reporting on school facilities spending from the American Recovery and Reinvestment Act was obtained from NCES, as it was collected on the F-33 fiscal survey for fiscal years 2009 to 2014. There are other small amounts of federal funds, such as school construction from Impact Aid, that are not captured here.

All school and district level data were summarized and analyzed at the district, then state, and finally national basis. State data profiles were created and incorporate the unique context of facilities spending and investment in each state as well as other factors that vary by state (e.g., cost of construction and school district square footage). State offices that oversee and/or report on school facilities were each given the opportunity to review the data and offer input and corrections. Many state directors provided valuable insight to both the national picture and the state profiles, but they are not responsible for the quality of the district reported data, or the analysis by the researchers. Data used in this analysis is available at <u>stateofourschools2021.org</u>.

						Current	New
					GSF	Replacement	Construction
State Name	# Districts	# Schools	Gross Sq Ft	Enrollment	per	Value (CRV)	per GSF
Alabama	140	1,526	140,993,000	739,118	191	\$35,248,250,000	\$250
Alaska	53	4/9	25,382,165	130,963	194	\$10,939,/13,115	\$431
American Samoa	1	29	1,316,616	11,064	119	\$995,361,696	\$/56
Arizona	242	1,786	130,719,462	934,585	140	\$46,983,711,910	\$359
Arkansas	234	994	105,135,928	4/6,638	221	\$21,027,185,600	\$200
Bureau of Indian	1004	1/4	6,381,076	43,706	146	\$2,112,136,156	\$331 ¢F10
California	1,064	9,076	130,076,629	5,692,421	128	\$578,004,475,451	\$218
Colorado	185	1,660	131,542,568	889,886	148	\$57,569,604,885	\$438 \$465
Connecticut	1/4	999	10,690,476	486,809	242	\$54,927,052,845	\$405 \$420
Delaware District of	19	202	19,089,430	122,319	246	\$8,270,000,034	\$420 \$C00
District OI	1	7.5.27	12,089,288	49,005	240	\$7,255,572,800	\$000 \$255
Florida	190	3,523	400,018,010	2,827,129	149	\$110,034,747,000 ¢E7 107 E60 E70	\$2007
Georgia	180	2,225	200,040,921	1,/35,200	148	\$25,197,509,559	\$207 \$75.0
Guarn	1	41	3,536,561	29,/19	119	\$2,073,040,110	\$750 \$756
Hawaii	117	200	21,500,000	101,270	119	\$10,254,000,000	\$750 \$750
Illinois	0.47	085	45,577,804	1 051 060	104	\$15,952,252,400	\$350 \$364
Indiana	947	4,203	359,500,000	1,951,960	184	\$94,900,786,992	\$204 \$274
Indiana	294	1,815	180,101,372	I,UUI,008	180	\$49,312,830,202	\$Z/4 \$740
lowa	333	1,314	93,430,173	314,833	102	\$51,952,000,255	\$342
Kansas	280	1,505	85,209,072	497,409	171	\$25,018,401,970	\$270 \$250
Кепциску	1/5	1,534	110,771,824	670,777	1/1	\$28,930,279,823	\$250
Louisiana	70	1,225	119,806,944	038,377	188	\$31,811,219,042	\$200 \$205
Maine	200	587	30,975,309	1/7,592	1/4	\$12,235,247,055 6FF 117 06F 169	\$393 \$293
Marylarid	24	1,309	191 419 720	890,423	157	\$35,115,005,108	\$39Z
Massachusells	520	1,770	181,418,729	901,844	201	\$87,020,504,501	\$480
Michigan	242	3,353	310,766,544	1,310,029	237	\$84,725,205,909	\$275 \$750
Minnesola	571	2,307	108,100,780	823,418	204	\$39,837,153,649	300 \$222
Mississippi	140	1,049	05,002,542	409,001	170	\$18,990,510,201	\$222 \$275
Missouri	518	2,357	158,010,744	887,000	1/8	\$43,492,720,767	\$Z/5
Montana	405	823	28,847,273	147,311	101	\$8,783,904,933 \$17167707.071	\$304 \$375
Neurada	10	6.40	02,373,373 EE 074 976	JZJ,984	191	\$17,107,723,031	\$Z/5 \$759
Nevaua Now Hampshiro	180	040	22,074,870	160 705	107	\$19,709,900,402	\$338 \$465
New Jorsov	586	2 / 85	106 524 675	1 3 4 5 0 8 0	146	\$15,574,440,070	240J \$402
New Maxico	200	785	67 /02 128	719 9/5	100	\$95,901,040,524	00+Ç 8023
New York	726	1504	433,000,000	2 551 010	170	\$230,242,159,624	\$532
North Carolina	121	2 472	241 084 520	1 440 547	167	\$60,271,130,000	\$250
North Dakota	178	531	26 252 176	113 802	231	\$7,993,760,570	\$200
Northern Marianas	1	331	1 196 188	10.052	119	\$904 318 128	\$756
Ohio	619	3 247	416 650 897	1583.056	263	\$118 803 836 771	\$285
Oklahoma	513	1 746	116 452 301	660 161	176	\$30,787,296,628	\$264
Oregon	177	1 124	104457702	580 846	180	\$41 783 080 800	\$400
Pennsylvania	573	2.789	328.551.007	1.568.685	209	\$115.249.910.758	\$351
Puerto Rico	1	846	36,566,558	307,282	119	\$40,223,213,800	\$1.100
Rhode Island	36	285	24.112.691	133.091	181	\$12.273.359.719	\$509
South Carolina	96	1.187	123.005.375	750,563	164	\$30.611.813.669	\$249
South Dakota	149	697	25,139.886	138.648	181	\$7,655,069,410	\$304
Tennessee	147	1.747	172.298.484	1.005.049	171	\$49,449,664,908	\$287
Texas	1,025	8,173	672,893,412	5,119,954	131	\$177,897,464,426	\$264
U.S. Virgin Islands	2	26	3,000.000	10.718	280	\$3,300,000.000	\$1,100
Utah	41	927	91,718,069	598,470	153	\$24,855,596,699	\$271
Vermont	261	312	17,471,718	85,011	206	\$8,132,796,422	\$465
Virginia	194	2,107	201,141.252	1,289.176	156	\$64,566,341,892	\$321
Washington	299	2,433	152,227.982	1,123.224	136	\$64,392,436.386	\$423
West Virginia	55	721	42,062.732	267.976	157	\$12,745,007,796	\$303
Wisconsin	425	2,022	178,414.015	849.956	210	\$47,097.720.261	\$264
Wyoming	48	358	25,600,000	93,734	273	\$8,473,600,000	\$331
Total/Average	13.979	92,508	8,114,955,253	48,423,796	168	\$2,786,002,885,750	\$343

	Total Education		M&O as		
	Expenditures	M&O Expenditures	% of Total	M&O Annual	M&O Annual
	FY17-19 Annual	FY17-19 Annual	Education	Average \$ per	Average\$
State Name	Average (actual \$)	Average (actual \$)	Expenditures	18-19 Student	per GSF
Alabama	\$7,247,423,667	\$688,199,667	9.5%	\$931	\$4.88
Alaska	\$2,377,300,667	\$268,085,000	11.3%	\$2,047	\$10.56
American Samoa	\$42,281,263	\$2,/35,9/0	6.5%	\$247	\$2.08
Arizona	\$7,764,102,667	\$915,229,333	11.8%	\$979	\$7.00
Arkarisas	\$4,800,955,555	\$473,233,007	9.7%	\$995	\$4.50
California	\$0	\$44,007,332	0.1%	\$1,022 \$1,246	\$7.00
Colorado	\$77,592,271,000	\$7,095,470,555	9.1%	\$1,240 \$057	\$9.72
Connecticut	\$9,204,171,000	\$040,020,000 ¢917179 333	9.2% 7.0%	\$954 \$1.670	\$6.43
Delaware	\$1,925,875,333	\$189,723,667	9.9%	\$1,551	\$9.67
District of Columbia	\$1,525,675,555	\$84,496,000	7.3%	\$1,331	\$6.99
Florida	\$26 327 227 667	\$2 575 898 667	9.8%	\$911	\$5.53
Georgia	\$18,720,341,667	\$1 398 777 000	7.5%	\$806	\$5.45
Guam	\$298 234 155	\$36 986 173	12.4%	\$1.245	\$10.46
Научајј	\$2,760,237,000	\$286.630.667	10.4%	\$1.581	\$13 33
Idaho	\$2,198,293,333	\$207 374 000	9.4%	\$717	\$4 55
Illinois	\$31,606,950,333	\$2 213 632 000	70%	\$1 134	\$6.16
Indiana	\$10,282,031,000	\$1,091,569,000	10.6%	\$1,090	\$6.06
lowa	\$5,992,884,667	\$506,196,667	8.4%	\$983	\$5.42
Kansas	\$5,716,004,667	\$525,967,333	9.2%	\$1.057	\$6.32
Kentucky	\$7,379,006,000	\$573,946,667	7.8%	\$847	\$4.96
Louisiana	\$7,415,349,000	\$736.301.333	9.9%	\$1.153	\$6.15
Maine	\$2.604.095.667	\$267.734.667	10.3%	\$1.508	\$8.64
Maryland	\$13,306,081,667	\$1,176,537,333	8.8%	\$1,312	\$8.37
Massachusetts	\$16,661,702,000	\$1,342,541,000	8.1%	\$1,489	\$7.40
Michigan	\$16,292,146,000	\$1,364,485,000	8.4%	\$1,042	\$4.39
Minnesota	\$10,681,068,000	\$734,433,000	6.9%	\$892	\$4.37
Mississippi	\$4,280,309,333	\$439,415,667	10.3%	\$937	\$5.13
Missouri	\$9,691,081,000	\$961,431,000	9.9%	\$1,083	\$6.08
Montana	\$1,716,428,000	\$169,745,333	9.9%	\$1,152	\$5.88
Nebraska	\$4,103,370,000	\$360,767,000	8.8%	\$1,107	\$5.78
Nevada	\$4,159,138,333	\$388,686,333	9.3%	\$867	\$7.06
New Hampshire	\$2,904,101,000	\$238,368,667	8.2%	\$1,404	\$7.12
New Jersey	\$27,955,875,000	\$2,620,639,000	9.4%	\$1,948	\$13.33
New Mexico	\$3,150,040,333	\$345,786,000	11.0%	\$1,084	\$5.45
New York	\$65,711,679,333	\$5,257,762,667	8.0%	\$2,061	\$12.14
North Carolina	\$13,680,128,667	\$1,129,707,333	8.3%	\$784	\$4.69
North Dakota	\$1,547,304,333	\$133,484,667	8.6%	\$1,173	\$5.08
Northern Marianas	\$91,006,805	\$6,865,805	7.5%	\$683	\$5.74
Ohio	\$21,687,997,667	\$1,805,681,333	8.3%	\$1,141	\$4.33
Oklahoma	\$5,657,317,667	\$604,002,333	10.7%	\$915	\$5.19
Oregon	\$7,116,655,667	\$538,623,333	7.6%	\$927	\$5.16
Pennsylvania	\$27,937,335,000	\$2,364,959,333	8.5%	\$1,508	\$7.20
Puerto Rico	\$2,4/1,565,316	\$408,651,463	16.5%	\$1,330	\$11.18
Rhode Island	\$2,305,/12,66/	\$169,309,333	7.3%	\$1,272	\$7.02
South Carolina	\$8,229,753,667	\$804,181,000	9.8%	\$1,071	\$6.54
South Dakota	\$1,395,623,000	\$143,070,000	10.3%	\$1,032	\$5.69
iennessee	\$9,553,516,000	\$//4,585,000	8.1%	\$//1	\$4.50
Texas	\$49,026,986,667	\$5,145,951,333	10.5%	\$1,005	\$7.65
U.S. Virgiri Islands	\$169,373,581	\$5,451,831	5.2%	\$509	\$1.82
Varmant	\$4,512,789,000	\$415,417,333	9.2%	\$694 64 F7F	\$4.53
Virginia	\$1,/55,511,66/	\$135,925,000	7.0%	\$1,5/5	\$7.67
Washington	\$13,790,472,007 \$14 E07 E1E CC7	\$1,410,202,000 \$1,100,607,667	0.9%	\$1,U94 \$1,059	\$7.U1 \$7.01
washington West Virginia	\$14,5U3,515,66/	\$1,188,683,667	0.2%	\$1,USØ \$1,160	\$7.01
Wisconsin	\$3,130,481,667 \$10,531,072,777	\$1102404667	9.9% 10.5%	\$1,10Z	\$7.4U \$6.10
Wyoming	\$10,321,332,333	\$1,1UZ,404,007	0.0%	\$1,297 \$1,696	\$0.10 \$5.0E
Grand Total	\$627 088 804 786	\$55 996 526 107	9.9%	\$1,020	\$6.90

Alabara     S./db.5001290     S.11     S./db.5001297       Alala     S20.0752.0225     S445.92.708     S20.4025749     S50.062275       Arnora     S50.045547     S0     S00.40547     S00.40502       Arona     S51.00.41278     S10.00.41278     S00.40509     S10.00.41278     S00.40509       Arona     S51.00.100.00.41278     S10.00.101278     S10.00.101278     S10.00.00.00.11278     S00.000.00.00.00.00.00.00.00.00.00.00.00	State Name	Total (FY09-FY19) School Construction \$ Capital Outlay (2020\$)	Estimate for School Construction \$ Capital Outlay for New Schools FY09-19	Total FY09-19 School Construction \$ Capital Outlay Adjusted Down for NEW Schools	Annual Average of School Construction \$ Capital outlay FY09- FY19 (2020\$)
Akaica     52.049.027.54     53.040.027.51       American Samo     30.042.549     50     53.04.65.497     53.04.65.50       Ancorus     55.18.712.9287     57.07.02.964     55.18.01.94.57.85     55.03.989.400     53.10.94.07.85     55.03.989.400     53.10.94.07.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.18.01.94.97.95     55.19.01.92.97     55.18.01.94.97.95     55.19.01.97.95	Alabama	\$7,863,600,990	\$0	\$7,863,600,990	\$714,872,817
American Samoa     990.66.49/ 510.10.37.378     SD     990.66.39/ 510.20.278     990.66.49/ 510.20.278     990.66.49/ 510.20.20     990.416.50/ 510.20.20       Arransa Breau of Infilm Folucation     550.675.100     50.000.00.41     510.100.00.41     510.100.00.41     510.000.00.00.41     510.000.00.00.00.41     510.000.00.00.00.00.00.00.00.00.00.00.00.	Alaska	\$2,097,620,256	\$48,582,708	\$2,049,037,548	\$190,692,751
Austra     881031434785     900     9110345785     556303930       Avanass     S181074395     S181072895     S181030001     S19103300       Barcau of Indue Education     S350393180     S190393180     S19107380     S19107380       Contanto     S94043855812     S00     S95444355812     S00     S9544435581     S00     S964466584     S1807758183     S900776098       Contanto     S7305137388474     S2658184568     S1807213788     S199067699     S19906769	American Samoa	\$90,465,497	\$0	\$90,465,497	\$9,046,550
Aharaso     Sta12/12/397     Syd12/28/6     Sta20/80/2014     Sta12/03.200       California     S34,045120     S5     S5 </td <td>Arizona</td> <td>\$8,110,343,785</td> <td>\$0</td> <td>\$8,110,343,785</td> <td>\$737,303,980</td>	Arizona	\$8,110,343,785	\$0	\$8,110,343,785	\$737,303,980
Bureau of Indian Futuration     SS30.959.180     SS30.959.180 <t< td=""><td>Arkansas</td><td>\$5,187,172,937</td><td>\$78,172,896</td><td>\$5,109,000,041</td><td>\$471,561,176</td></t<>	Arkansas	\$5,187,172,937	\$78,172,896	\$5,109,000,041	\$471,561,176
California     994/448.528.122     950     994/448.528.122     688.8862.2864.1       Colonado     59.007.986.065     54.0274.882     55.680.148.383     59.007.26.088       Correccucul     57.105.715.48     529.83.44.327     51.667.213.36     59.44.466.347       Deriver of Columbia     521.857.125.48     529.83.44.327     51.667.213.36     52.99.44.88.347       Deriver of Columbia     521.807.128.874     55.66.84.367.77     53.06.84.878     53.99.07.84.87       Deriver of Columbia     521.93.67.82     51.91.15.788     51.91.17.84.91     53.37.80.87.81       Galam     52.45.63.03.660     50     52.45.63.03.660     52.22.33.00.05.5       Introis     52.45.63.03.660     50     52.45.63.03.660     52.23.50.03.65       Introis     52.45.63.03.660     53.13.64.18.84     57.49.26.10.88     53.33.33.57.71       Introis     52.45.63.03.660     51.35.41.89.81     57.49.26.63.00.82.22.23.00.05.5     10.03.42.60     57.42.13.60.08     59.22.23.00.05.5       Introis     52.45.63.03.660     50     57.82.15.60.08     59.02.22.23.00.05.5     10.13.09.07.10.00.05     57.22.23.00.05.5 <td< td=""><td>Bureau of Indian Education</td><td>\$350,959,180</td><td>\$0</td><td>\$350,959,180</td><td>\$31,905,380</td></td<>	Bureau of Indian Education	\$350,959,180	\$0	\$350,959,180	\$31,905,380
Calerado     \$9.007/98.965     \$4.027.48.982     \$9.880.44.95     \$9.9007/20.895       Calerado     \$7.004.53.36     \$9.907.78.085     \$9.449.44.46.944       Detaxora     \$5.19.97.45.37     \$5.98.98.44.865     \$5.82.99.68.18.97       Dictot of Columbia     \$5.30.97.48.87     \$5.95.98.44.864     \$5.82.99.68.19.95       Encria     \$5.30.17.38.874     \$5.95.98.44.684     \$5.82.99.64.99.96     \$5.20.29.69.99       Encria     \$5.21.29.60.05     \$5.21.29.46.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.21.29.60.05     \$5.22.20.00.055     \$5.22.20.00.055     \$5.22.20.00.055     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.018     \$5.82.24.10.80.07     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5.83.77.015     \$5	California	\$94,448,526,122	\$0	\$94,448,526,122	\$8,586,229,647
Commedicat     5706.13.5.16     5744.466.87       Delaware     52.16.7.21.38     52.98.51.37     51.96.720.376     51.96.834.66       Derated Columbia     52.30.72.88.87     55.98.84.485     53.82.98.187     53.99.86.74.84       Groupa     52.10.72.89.88     52.00.40.134     51.97.17.69.444     51.99.37.69.444       Groupa     52.10.29.865     52.00.40.134     51.97.17.69.444     51.99.37.69.444       Groupa     52.12.98.65     52.00.40.154     52.97.298.655     56.12.98.65       Hawai     51.93.29.65.56     52.90.44.98.65     52.92.298.65     52.92.298.65       Idata     56.44.85.01.70     50.92.298.65     52.92.298.65     52.92.298.65       Idata     56.44.85.01.70     52.92.298.65     52.92.298.65     52.92.298.65       Idata     56.44.85.01.70     52.92.298.66     52.92.298.64     59.92.298.65       Idata     56.94.85.01.66.0     57.81.35.66.3     57.99.35.66.5     57.91.35.66.5     57.91.35.66.5     57.91.37.66.65     57.91.37.66.65     57.91.37.66.75.66     57.91.37.66.75.66     57.91.37.66.75.66     57.91.97.66.56     57.91.97.86.56.5 <t< td=""><td>Colorado</td><td>\$9,907,986,965</td><td>\$4,027,438,582</td><td>\$5,880,548,383</td><td>\$900,726,088</td></t<>	Colorado	\$9,907,986,965	\$4,027,438,582	\$5,880,548,383	\$900,726,088
Delaware     S2165/12.348     S296.31.472     S18672.375     S186.83.485       Diarte of Columbia     S43897467357     S559.88.44.365     S5.829.80.1875     S599.007.649       Florida     S53.10.41.80.058     S52.10.01.00.395     S51.01.90.0395     S52.02.09.09.95       Guarm     S52.12.298.65     S50     S52.12.298.65     S52.12.298.65     S52.12.298.65       Harvai     S19.653.028     S12.01.80.028     S12.01.80.028     S12.01.80.028       Harvai     S19.653.028     S12.01.80.028     S22.278.1528     S23.30.075.65       Harvai     S19.653.028     S12.01.80.028     S24.453.028     S32.37.075.65       Harvai     S19.653.028     S12.84.108.84     S7.028.717.81     S52.223.00.05.65       Harvai     S1.024.428.37     S0.00.54.64.03.128     S52.223.00.05.65     S0.22.278.00.05     S1.274.278.00.05     S1.27	Connecticut	\$7,056,135,316	\$0	\$7,056,135,316	\$641,466,847
District of Columbia     63.897.946.337     S559.897.46     S3.99.007.849     S3.99.007.849       Ceorgia     62.01.01.838.074     S5.66.1.97.677     S1.61.554.00.996     S2.02.049.898       Ceorgia     S6.71.99.865     S5.01.040.134     S13.71.798.665     S5.87.129.865       Hewai     S19.03.03.285     S12.91.15.282     S1.794.980.03     S17.4.90.299.06       Islands     S5.91.60.15.60     S4.00.290.66     S2.41.57.516     S5.83.27.415       Islands     S5.91.60.15.60     S4.00.290.66     S2.41.57.516     S5.83.27.415       Islands     S5.91.60.01.56.01     S5.01     S5.83.27.415     S5.83.20.512     S5.93.30.55.75       Islands     S5.43.56.12.9     S5.93.20.55.75     S5.83.20.52     S7.99.297.900     S5.83.27.412     S5.93.30.52     S7.92.24.16.87       Kentucky     S7.91.91.85.00     S2.62.93.17.1     S7.65.03.52.92     S7.99.299.200     S5.12.74.42.43.33     S1.15.86.75.66.96     S1.21.67.95.67.56     S1.21.67.95.67.56     S1.21.67.95.67.56     S1.21.67.95.67.56     S1.21.67.95.67.57.57.44     S1.20.69.80.5     S1.21.67.95.67.57.57.44     S1.57.57.44.43.33.57.55     S1.21.67.95.67.57.57.44	Delaware	\$2,165,718,348	\$298,514,372	\$1,867,203,976	\$196,883,486
Florida     S22.02/388.874     S6.68.1987.872     S16.155.40.0095     S22.022.428.886     S22.022.428.886     S22.022.488.896     S22.022.488.896     S22.022.488.896     S22.022.488.896     S12.02.30.965     S12.02.32.92     S12.03.32.92     S12.03.32.92     S12.03.32.92     S12.03.32.92     S12.03.32.92     S12.03.32.92     S12.03.32.92     S12.03.92     S12.03.93     S12.03.93     S12.03.93	District of Columbia	\$4,389,746,337	\$559,884,458	\$3,829,861,879	\$399,067,849
Georgia     \$21,814,809,538     \$21,01,000,34     \$19,7199,04     \$19,811,6103       Guam     \$62,129,865     \$50     \$52,129,865     \$17,490,798,003     \$17,490,798,003       Hawaii     \$19,7390,785     \$129,115,287     \$17,490,798,003     \$17,490,798,003       Illinois     \$24,553,033,607     \$50     \$52,4553,033,607     \$50     \$52,4553,033,607     \$50,303,507 <t< td=""><td>Florida</td><td>\$23,017,388,874</td><td>\$6,861,987,878</td><td>\$16,155,400,996</td><td>\$2,092,489,898</td></t<>	Florida	\$23,017,388,874	\$6,861,987,878	\$16,155,400,996	\$2,092,489,898
Guam     S621,298,655     S621,298,655     S621,298,655     S621,298,655     S621,298,655     S621,298,655     S621,228,655     S621,228,655     S621,228,655     S621,228,655     S621,228,655     S621,228,655     S621,228,655     S621,228,655     S621,228,655     S621,228,653,3560     S622,223,033,155     S621,228,253,356,05     S622,223,033,155     S621,228,253,356,05     S622,223,033,155     S622,223,033,155     S622,223,233,155     S621,228,253,155,156     S522,223,233,155,156     S522,223,233,155,156     S522,223,233,155,156     S522,223,233,155,156     S522,223,233,155,156     S522,223,233,155,156     S522,223,233,155,156     S522,223,253,156     S522,223,253,156,157     S522,223,253,156     S522,223,253,156     S522,223,253,156     S523,123,255     S522,123,255,256     S521,223,255,256     S521,223,255,256     S521,223,255,256     S521,223,255,256     S521,223,255,256     S521,223,255,256     S521,223,255,256     S521,223,255,256     S521,253,256,266     S521,253,256,256	Georgia	\$21,814,809,538	\$2,101,040,134	\$19,713,769,404	\$1,983,164,503
Hawaii     \$1,92,309,328     \$129,115,282     \$1,24,74,788,003     \$124,474,788,003       Idaho     \$95,601,566     \$940,209,086     -24,157,518     \$82,274,155       Illinois     \$24,455,035,607     \$0     \$24,455,035,607     \$24,355,035,857       Indana     \$56,448,361,709     \$0     \$56,448,361,709     \$39,853,560,05     \$58,2244,1897       Kansas     \$58,431,705,660     \$1,100,442,056     \$7,762,671,028     \$582,244,1897       Kansas     \$58,351,015,661     \$50,005,877,005     \$58,253,156,005     \$59,298,354       Kansas     \$58,351,015,661     \$50     \$51,244,943,453     \$51,999,579,005       Marei     \$12,749,474,453     \$50     \$51,244,943,453     \$51,104,60,805       Maryand     \$51,599,881,880     \$51,114,00,804,55     \$51,124,594,475     \$52,270,647,77       Michigan     \$51,999,898,880     \$51,414,844,547     \$52,270,647,77     \$52,270,847,870     \$51,999,598,888     \$51,276,946,97     \$51,999,598,888     \$51,276,946,97     \$52,270,847,870     \$52,976,444,475     \$52,270,847,870     \$52,976,444,475     \$52,270,847,870     \$52,976,944,445,447     \$52,	Guam	\$621,298,655	\$0	\$621,298,655	\$62,129,866
Idaho     S916.031.66     S940.209.086     S24356.305.07     S232500     S22350.005       Illindia     S6548.361.129     S0     S2456.305.607     S22350.005.557       Itowa     S9.016.860.862     S1.354.139.854     S7492.671.028     S822471.897       Itowa     S9.016.860.862     S1.304.342.605     S7231.356.305.192     S799.879.00       Kanasa     S9.830.13661     S750.455.05.192     S799.879.00     S76.453.05.192       Kentucky     S7.99.31.69.00     S2.65.281.71     S76.455.05.192     S79.987.990       Maryland     S1.354.75.6906     S1.216.75.6906     S1.216.75.6906     S1.216.76.906     S1.216.75.9906     S1.216.70.906     S1.216.70.906 <td>Hawaii</td> <td>\$1,923,903,285</td> <td>\$129,115,282</td> <td>\$1,794,788,003</td> <td>\$174,900,299</td>	Hawaii	\$1,923,903,285	\$129,115,282	\$1,794,788,003	\$174,900,299
Illinois     S24/563/033607     S20     S24/563/033607     S233/00055       Indianes     S6/548/501129     S0     S6/548/501129     S995/55/55/5       Iowa     S9/046/660/862     S1.354/189/844     S7/692/67/1028     S892/441,897       Kansas     S8.831,705.669     S1.000.342.606     S7.731,353.053     S9002,883.24       Kentucky     S7/99.351.690     S20.662.8771     S7.6553.129     S7.99397900       Louisana     S1.274/424.333     S1.556.578     S9.056.566     S1.216.795.6166     S1.216.795.6166     S1.216.795.6166     S1.216.795.6171       Maine     S1.5364.756.906     S3.051.718     S2.299.190.177     S1.995.7288     S1.107.895.6166     S1.216.795.6171       Maine     S1.5364.756.906     S3.017.77926     S1.999.552.895     S1.017.897.693     S1.017.897.694.693     S1.017.897.694.693.593     S1.017.897.694.693.593 <td< td=""><td>Idaho</td><td>\$916,051,568</td><td>\$940,209,086</td><td>-\$24,157,518</td><td>\$83,277,415</td></td<>	Idaho	\$916,051,568	\$940,209,086	-\$24,157,518	\$83,277,415
Inclana     \$5,543,361.129     \$50     \$5,643,861.129     \$59,80,860,862       Karsas     \$5,846,860,862     \$5,351,819,854     \$7,662,671,028     \$52,224,1897       Karsas     \$5,831,705,669     \$1,000,342,600     \$7,831,363,065     \$58,000,356,11       Louisana     \$8,856,013,661     \$50     \$58,365,013,661     \$50     \$58,365,013,661     \$50     \$58,365,013,661     \$50     \$58,365,013,661     \$50     \$51,352,851,856,85     \$51,244,24,333     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,851,856,95     \$51,352,853,856     \$51,352,853,856     \$51,352,853,857     \$51,352,853,857     \$51,352,853,856     \$51,352,853,856     \$51,353,952,858     \$51,353,952,858     \$51,353,952,858     \$51,353,952,858,856     \$51,352,853,956,852     \$51,353,952,858,856     \$51,352,853,956,852,352,956,852,352,955,852,352,955,851,850,953,858,354,853,953,852,854,853,953,852,854,853,953,852,854,853,953,852,854,853,953,852,854,853,953,852,854,853,953,852,854,853,953,852,854,853,953,852,854,853,953,852,853,853,853,854,853,953,852,853,853,854,853,953,853,853,853,853,853,853,853,853,853,8	Illinois	\$24,563,033,607	\$0	\$24,563,033,607	\$2,233,003,055
Iowa     S90.66.86.082     S1.54.139.834     S7.692.67.41.028     S82.24.81.893       Kansas     S8.851.705.669     S1.000.342.606     S7.831.65.005     S80.02.82.354       Kentucky     S.7919.36.900     S26.631.71     S7.656.015.161     S7.00435.377       Louisana     S8.365.015.661     S0     S8.365.015.661     S7.00435.377       Maine     S1.274.242.333     S01.5274.424.333     S1.158.567.56     S1.216.756.906     S1.216.756.906     S1.216.756.906     S1.216.756.906     S1.216.756.906     S1.216.756.906     S1.216.756.906     S1.216.756.906     S1.017.827.094       Michigan     S1.156.756.906     S2.1379.544.475     S0     S2.979.644.475     S2.00     S2.979.644.475     S2.00 <t< td=""><td>Indiana</td><td>\$6,548,361,129</td><td>\$0</td><td>\$6,548,361,129</td><td>\$595,305,557</td></t<>	Indiana	\$6,548,361,129	\$0	\$6,548,361,129	\$595,305,557
Kanass     S8.831.05.669     S1.00.342.061     S7.831.563.053     S902.882.343       Kentucky     S7.91.316.900     S266.281.71     S7.65.035.129     S7.99.37900       Louisiana     S8.365.013.661     S0     S8.265.013.661     S1       Mayland     S13.284.751.783     S2.591.901.27     S10.795.61.656     S12.167.675.045       Maxime     S13.2661.756.906     S0     S11.06.098.035     S10.077.7926     S1.399.352.898       Michigan     S11.96.098.035     S0     S11.096.098.035     S10.1782.704     Minarbold       Minnesota     S15.392.891.880     S1.313.103.994     S14.079.777.926     S1.399.352.898       Minssouri     S0.324.433.2310     S2.279.644.475     S2.078.744     S2.078.744       Minssouri     S0.345.3250     S81.313.103.994     S14.079.777.926     S1.379.352.898       Minssouri     S0.324.433.2310     S2.63.477.143.143.0469     S1.277.744     S2.078.744       Netraka     S6.173.0870     S3.721.985.990     S3.94.483.342     S8.03.53.590.423     S8.234.661     S9.107.712.244       New Jarescy     S13.174.834.664     S0	lowa	\$9,046,860,862	\$1,354,189,834	\$7,692,671,028	\$822,441,897
Kentucky     \$7919.316.900     \$266.281.771     \$7653.035.129     \$719.937900       Louisiana     \$8,365.013.661     \$50     \$8,365.013.661     \$760.455.787       Maire     \$12.274.424.333     \$51.384.751.783     \$22.589.190.127     \$510.795.561.656     \$51.246.795.617       Masschuzetts     \$13.584.751.783     \$2.589.190.127     \$510.795.561.656     \$51.246.795.617       Michigan     \$511.390.698.035     \$50     \$511.396.098.035     \$51.0787.708       Minnesola     \$515.392.891.880     \$1.313.103.994     \$54.079.777.966     \$52.976.444.75     \$520.378.7470       Missoun     \$90.946.832.80     \$50     \$52.976.444.75     \$520.378.7470       Missoun     \$90.946.832.80     \$52.139.939.822     \$52.895.692.278.744       Nevada     \$4.333.16,760     \$51.339.307     \$52.139.639.822     \$52.895.692.278.744       New Hamphrite     \$1.236.240.432     \$51.238.494     \$50     \$51.374.834.664     \$51.393.359.425       New Hamphrite     \$1.536.240.432     \$51.373.387.434.664     \$50     \$51.374.834.664     \$51.973.552.40.435     \$51.337.557.904.55.559     \$51.31.74.834.664	Kansas	\$8,831,705,669	\$1,000,342,606	\$7,831,363,063	\$802,882,334
Louisiana     S8.365013.661     \$50     S8.365013.661     \$760455787       Maine     51.274424,333     S0     51.274424,333     S11.586,783       Mayland     \$13.34751,783     \$2.589,190.127     \$10.795,561,565     \$51.216,795,607       Maskachusetts     \$13.661,756,906     \$51.212,1098,800     \$11.196,098,035     \$10.17827,094       Minnesota     \$15.392,881,880     \$1.313,103,994     \$14.079,779,265     \$1.399,352,898       Minssoippi     \$2.979,644,475     \$50     \$2.973,644,475     \$270,876,777       Missouri     \$0.34633,250     \$0     \$90,034,633,250     \$82,133,0295       Montana     \$1.680,531,80     \$2.63,749,711     \$1.416,783,469     \$152,775,744       Nerska     \$3.614,551,87     \$1.425,012,015     \$2.199,539,822     \$3.28,89,8622       Nevada     \$3.33,15,760     \$61,733,0870     \$3.72,798,5890     \$33,448,342       New Jersey     \$13.246,844,84     \$0     \$13,148,84,684     \$11,172,244       New Jersey     \$13.147,84,648     \$0     \$13,147,12,244     \$10,729,256     \$10,353,257,9042       New Meri	Kentucky	\$7,919,316,900	\$266,281,771	\$7,653,035,129	\$719,937,900
Maine     \$1.274424,333     \$0     \$1.274424,333     \$15.856,758       Maryland     \$1.3.384,751,783     \$2.589,190,127     \$1.0.795,561,656     \$1.241,068,100       Massachusetts     \$1.565,6758,076     \$0     \$1.53,195,906     \$1.241,068,100       Michigan     \$1.196,098,035     \$0     \$1.31,03,994,05     \$1.017,2704       Minnesota     \$1.59,297,664,475     \$0     \$2.297,664,475     \$2.297,964,475       Mississippi     \$2.297,964,475     \$0     \$2.297,964,475     \$2.297,964,475       Mississippi     \$2.09,36,403,250     \$30,4251,837     \$1.425,012,015     \$2.189,539,822     \$32,838,90     \$32,438,322       Montana     \$1.680,533,180     \$2.425,012,015     \$2.189,539,822     \$32,848,332     \$32,838,80     \$33,443,342       New Hampshire     \$1.236,240,432     \$1.236,240,432     \$1.236,240,432     \$12,384,444,433,342     \$33,315       New Hampshire     \$1.236,240,432     \$12,386,444     \$0     \$11,31,303,455,145     \$33,315       New Hampshire     \$1.326,240,432     \$12,386,444     \$0     \$15,31,478,34,684     \$11,391,359,455	Louisiana	\$8,365,013,661	\$0	\$8,365,013,661	\$760,455,787
Maryland     S13.384/751/83     S2.589.190.127     S10.795.561.656     S1.216,795,617       Massachusetts     S13.561.766.906     S0     S13.651.756.906     S1.210.698.035       Minnesota     S15.392.811.880     S1.31.103.954     S14.079.779.26     S1.393.52.898       Minsissippi     S2.979.644.475     S0     S2.979.644.475     S2.70.876.770       Missouri     S9.034.633.250     S0     S9.034.633.260     S82.130.252     S2.898.22     S32.898.22     S32.898.22     S32.898.22     S32.898.22     S32.898.22     S32.898.522     S32.898.522     S32.898.522     S32.898.522     S32.898.522     S32.898.522     S32.898.522     S32.898.522     S32.898.562	Maine	\$1,274,424,333	\$0	\$1,274,424,333	\$115,856,758
Massachusetts     \$133651/756.906     \$11196.098.035     \$11196.098.035     \$11196.098.035     \$11196.098.035     \$11196.098.035     \$11196.098.035     \$11196.098.035     \$11196.098.035     \$11196.098.035     \$11196.098.035     \$1109.07326     \$1139.528.898     \$11310.0394     \$14079.77326     \$139.352.898     Mississippi     \$2.979.644.475     \$270.876.770     \$139.045.3250     \$2277.8744     \$14079.77326     \$123.252.098.22     \$228.895.622     \$53.892.334.661     \$489.303.151     \$21.495.144     \$21.495.144     \$21.495.144     \$21.495.144     \$21.495.144     \$21.495.144     \$21.495.144     \$21.495.144     \$21.495.144     \$21.495.144     \$21.495.144	Marvland	\$13.384.751.783	\$2,589,190,127	\$10,795,561,656	\$1,216,795,617
Michigan     \$11196,098,035     \$50     \$11196,098,035     \$1017,827,094       Minnesota     \$151,392,881,880     \$1,313,103,954     \$14079,777,926     \$13,993,528,889       Misnissippi     \$2,979,644,475     \$0     \$2,979,644,475     \$20,076,770       Missouri     \$9,034,633,250     \$0     \$9,034,633,250     \$821,330,295       Montana     \$1,680,533,180     \$263,749,711     \$1,416,783,469     \$152,775,744       Netraska     \$3,614,551,847     \$1,425,012,015     \$2,189,589,822     \$238,896,622       Nevada     \$4,339,316,760     \$51,733,0870     \$3,721,985,890     \$394,483,342       New Hampshire     \$1,235,240,432     \$00     \$11,148,34684     \$11,071,712,244       New Mexico     \$5,382,334,661     \$00     \$51,393,251,913,00,211     \$84,993,03,151       New Mexico     \$5,182,354,661     \$00     \$11,391,369,459     \$0     \$11,391,369,459     \$103,579,042       North Dakota     \$212,9480,597     \$10,76,511,634     \$1052,968,963     \$193,589,145     \$103,579,042     \$103,549,645,557     \$103,519,669,633     \$13,3465,154     \$13,3465,154	Massachusetts	\$13,651,756,906	ŚO	\$13.651.756.906	\$1,241,068,810
Minnesota     S15,392,881,880     S131103,954     S14,079,777,926     S1,399,352,898       Missispipi     S2,979,644,475     SC     S2,979,644,475     S270,876,770       Missouri     S9,034,633,250     S0     S9,034,633,250     S282,878,644,475     S270,876,770       Montana     S1,680,533,180     S263,749,711     S1,416,783,469     S152,775,744       Nebraska     S5,641,551,837     S1,425,012,015     S2,189,539,822     S228,595,6522       Newada     S4,339,315,760     S61,7330,870     S3,721,985,890     S39,4483,342       New Hampshire     S1,236,240,432     S0     S13,174,834,664     S11,971,2244       New Harpshire     S1,31,4834,664     S0     S13,174,834,664     S11,991,599,459       New York     S60,710,432,322     S0     S60,710,432,322     S5,519,130,211       North Carolina     S11,93,569,459     S10,355,790,42     S10,355,790,42     S10,355,790,42       North Dakota     S2,124,905,494     S0     S23,560,960,319     S2,144,905,494       North Dakota     S1,14,231,61,455,852,0     S11,456,154     S11,456,154     S11,456,154	Michigan	\$11.196.098.035	ŚO	\$11.196.098.035	\$1.017.827.094
Mississippi     S.2.979.644,475     S.2.070.644,475     S.2.070.644,475       Missouri     S.9.034633,250     S.2.970.644,475     S.2.070.876,770       Missouri     S.9.034633,250     S.2.970.644,475     S.2.070.876,770       Missouri     S.9.034633,250     S.2.970.876,770     S.2.1350,295       Montana     S.1.640,553,180     S.2.479,711     S.1.416,783,466     S.152,775,744       Nebraska     S.3.614,551,837     S.1.425,012,015     S.2.819,953,822     S.2.828,956,622       New Jang     S.1.236,240,432     S.1.236,240,432     S.112,385,494     S.112,385,494       New Jersey     S.1.3.174,834,664     S.00     S.1.374,834,664     S.10,712,244       New Mexico     S.5.82,334,661     S.00     S.5.82,334,661     S.499,303,157       New York     S.60,710,432,322     S.00     S.60,710,432,322     S.55,191,30,211       North Dakota     S.2.146,515     S.11,391,356,459     S.0     S.11,391,356,451     S.11,391,356,445     S.11,341,557,5042     S.11,341,557,5042     S.11,341,557,5042     S.11,341,557,504     S.11,341,557,504     S.11,341,557,5043     S.11,341,557,5043     S.11,3	Minnesota	\$15 392 881 880	\$1 313 103 954	\$14 079 777 926	\$1 399 352 898
Missouri     \$9,034,633,250     \$50     \$9,034,633,250     \$821,330,295       Montana     \$1,680,533,180     \$263,749,711     \$1,416,783,469     \$152,775,744       Nebraska     \$3,614,551,837     \$1,425,012,015     \$2,189,593,822     \$328,595,622       Nevada     \$4,359,316,760     \$617,350,870     \$53,721,985,890     \$53,4483,342       New Hampshire     \$12,36,240,432     \$50     \$12,362,40,432     \$112,771,2244       New Mexico     \$53,82,334,661     \$50     \$53,82,334,661     \$489,303,151       New York     \$60,710,432,322     \$50     \$60,710,432,322     \$55,191,30,211       North Carolina     \$11,391,369,459     \$10,35,579,042     \$13,31,369,459     \$10,35,579,042       North Carolina     \$11,391,369,459     \$10,35,579,042     \$13,345,154     \$11,391,369,459     \$10,35,579,042       North Carolina     \$13,455,154     \$11,391,369,459     \$10,35,579,042     \$13,455,154     \$12,346,951,957,90,42       Ohtho Akota     \$2,129,405,97     \$10,76,511,634     \$10,52,968,963,319     \$21,419,05,454       Ohtho S23,560,960,319     \$51,41,416,4158,456,512     \$1	Mississippi	\$2,979,644,475	\$0	\$2,979,644,475	\$270,876,770
Montana     S1.680.553.180     S263.749.711     S1.416.783.469     S152.775.74       Nebraska     S5.614.551.837     S1.425.012.015     S2.189.539.822     S328.595.622       New Hampshire     S1.236.240.432     S0     S1.225.240.432     S1.235.240.432     S1.117.858.890     S394.483.342       New Hampshire     S1.236.240.432     S0     S1.225.240.432     S1.112.385.494       New Varsey     S1.117.4834.664     S0     S1.174.834.664     S1.99.734.661       New Vork     S6.0710.432.322     S0     S6.0710.432.322     S5.519.130.211       North Carolina     S1.1391.369.459     S1.035.579.042     S1.335.579.042       North Dakota     S2.129.460.597     S1.076.511.634     S1.052.968.963     S1.935.891.45       Origon     S2.3560.960.319     S2.141.905.484     S7.161.649.318     S756.519.350.19       Origon     S8.13.651.24     S582.465.520     S4.531.766.121     S464.930.149       Oregon     S8.19.512.966     S1.157.863.644     S7.161.649.318     S756.519.350.139       Pennsylvania     S2.1276.149.567     S1.93.519.3766     S1.050.407.850     S1.9	Missouri	\$9.034.633.250	\$0	\$9,034,633,250	\$821.330.295
Nebraska     S3.614.551.837     S1.425.012.015     S2.189.539.82     S328.595.622       Nevada     S4.393.316.760     \$617.330.870     \$5.721.985.890     \$339.4483.342       New Hampshire     \$1.236.240,432     \$12.36.240,432     \$11.2385.494       New Jersey     \$1.317.483.4684     \$11.3774.834.684     \$11.12.385.494       New Mexico     \$55.382.334.661     \$0     \$5.382.334.661     \$489.303.151       New York     \$60.710.432.322     \$55.519.130.211     \$10.35.79.042       North Carolina     \$11.391.369.459     \$10.052.968.963     \$11.931.369.459       North Carolina     \$2.129.480.597     \$10.76.511.634     \$10.52.968.963     \$11.391.599.455       Northern Marianas     \$13.465.154     \$0     \$13.465.154     \$1.035.579.042       Oregon     \$2.32,560.960.319     \$2.141.905.444     \$1.95.969.953     \$11.391.369.4553     \$11.391.369.453     \$1.43.45.154       Oregon     \$5.381.231.641     \$5.82.465.520     \$4.531.766.121     \$464.930.149       Oregon     \$8.319.512.966     \$1.157.863.648     \$7.161.649.318     \$756.319.361.193.194.195.115       Pennsy	Montana	\$1 680 533 180	\$263 749 711	\$1,416,783,469	\$152 775 744
Nevada     54339,316,760     5617,330,870     53.721,985,890     5394,483,342       New Hampshire     51,236,240,432     50     51,236,240,432     511,238,5404       New Versey     513,174,834,684     50     513,174,834,684     51,174,834,684     51,174,834,684     51,174,834,684     51,177,1224       New Mexico     55,382,334,661     6300     55,382,334,661     5489,303,151       New York     560,710,432,322     50     560,710,432,322     55,519,130,211       North Carolina     511,391,369,459     50     511,391,369,459     51,035,579,042       North Carolina     513,465,154     500     513,465,154     513,465,154       Ohio     523,560,960,319     50     523,560,960,319     52,21,41,905,484       Oklahoma     \$51,142,21,641     \$582,465,520     \$44,531,766,121     \$464,930,149       Pennsylvania     \$51,276,619,867     \$1,934,195,419,567     \$1,934,195,419,567     \$1,934,195,419,567       Puerto Rico     \$1,636,821,253     \$1,636,821,253     \$1,636,821,253     \$1,636,821,255     \$1,636,821,255     \$1,636,821,255     \$1,636,821,255     \$1,637,	Nebraska	\$3.614.551.837	\$1,425,012,015	\$2,189,539,822	\$328.595.622
New Hampshire     \$1,236,240,432     \$0     \$1,236,240,432     \$1,1236,240,432       New Jersey     \$1,3174,834,684     \$0     \$1,3174,834,684     \$1,1977,12,244       New Mexico     \$5,382,334,661     \$0     \$5,382,334,661     \$489,303,151       New York     \$60,710,432,322     \$0     \$60,710,432,322     \$5,519,130,211       North Carolina     \$11,391,369,459     \$0     \$11,391,369,459     \$1,035,579,042       North Dakota     \$2,129,480,597     \$1,076,511,634     \$1,052,968,963     \$13,346,515       North Dakota     \$2,129,60,90,319     \$0     \$23,560,960,319     \$2,141,905,444       Oklahoma     \$5,514,231,641     \$582,465,520     \$4,531,766,121     \$464,930,149       Oregon     \$8,319,512,966     \$1,157,863,648     \$7,161,649,318     \$755,319,361       Pennsylvania     \$2,1276,149,567     \$1,934,195,415     \$1,934,195,415     \$1,934,195,415       Puerto Rico     \$1,656,821,253     \$0     \$1,636,821,253     \$1,636,6821,253     \$1,636,6821,253     \$1,636,6821,253     \$1,636,6821,253     \$1,636,6821,253     \$1,636,6821,253     \$1,636,6821,253	Nevada	\$4,339,316,760	\$617.330.870	\$3,721,985,890	\$394,483,342
New Jersey     S13,174,834,664     S0     S13,174,834,664     S1,197,12,244       New Mexico     \$5,382,334,661     \$60,710,432,322     \$55,519,130,211       North Carolina     \$51,312,4834,664     \$50     \$5,582,334,661     \$489,303,151       North Carolina     \$51,1391,369,459     \$0     \$11,391,369,459     \$10,35,579,042       North Dakota     \$2,129,480,597     \$1,076,511,634     \$1,052,968,963     \$193,589,145       North Dakota     \$51,142,31,644     \$582,465,520     \$4,531,766,121     \$46,4930,149       Oregon     \$53,114,231,641     \$582,465,520     \$4,531,766,121     \$46,4930,149       Oregon     \$53,19,512,966     \$11,57,863,648     \$7161,649,318     \$755,319,361       Pennsylvania     \$21,276,149,567     \$0     \$21,276,149,567     \$10,370,966,976     \$10,950,971,520       South Carolina     \$511,554,486,352     \$11,835,19,376     \$10,370,966,976     \$10,950,971,520       South Dakota     \$2,072,576,610     \$531,90,770     \$1,541,478,840     \$188,416,055       Tennessee     \$5,644,45,945     \$1,321,151,906     \$4,323,294,039     \$5131,314,50 </td <td>New Hampshire</td> <td>\$1,236,240,432</td> <td>\$0</td> <td>\$1 236 240 432</td> <td>\$112 385 494</td>	New Hampshire	\$1,236,240,432	\$0	\$1 236 240 432	\$112 385 494
New Mexico     55382,334,661     Construction       New Mexico     55382,334,661     S0     S5582,334,661     S488,303,151       New York     \$60,710,432,322     \$50     \$60,710,432,322     \$5,519,130,211       North Carolina     \$11,391,369,459     \$0     \$11,391,369,459     \$10,355,790,442       North Dakota     \$21,224,480,597     \$1,076,511,634     \$11,391,369,459     \$13,465,154       Northern Marianas     \$13,465,154     \$13,465,154     \$13,465,154     \$13,465,154       Ohio     \$23,560,960,319     \$0     \$23,560,960,319     \$22,141,90,5444       Oklahoma     \$5,114,231,641     \$582,465,520     \$4,531,766,121     \$464,930,149       Oregon     \$8,319,512,966     \$1,157,863,648     \$7,161,649,318     \$756,319,361       Pennsylvania     \$21,276,149,567     \$1,934,195,415     \$10,370,966,976     \$1,934,195,415       Puerto Rico     \$1,635,682,1253     \$10     \$10,370,966,976     \$1,050,407,850       South Carolina     \$11,554,486,352     \$1,183,193,167     \$10,370,966,976     \$1,050,407,850       South Dakota     \$2,072,576,610	New Jersev	\$13 174 834 684	\$0	\$13,174,834,684	\$1 197712 244
New York     S60,710,432,322     S0     S60,710,432,322     S5,519,150,211       North Carolina     \$11,391,369,459     \$0     \$11,391,369,459     \$1,035,579,042       North Dakota     \$2,129,480,597     \$1,076,511,634     \$1,052,968,963     \$133,589,145       Northern Marianas     \$13,465,154     \$0     \$13,465,154     \$13,465,154       Ohio     \$23,560,960,319     \$0     \$23,350,960,319     \$21,419,05,484       Oklahoma     \$5,114,231,641     \$582,465,520     \$4,531,766,121     \$464,930,149       Oregon     \$8,319,512,966     \$1,157,863,648     \$7,161,649,318     \$756,319,361       Pensylvania     \$21,276,149,567     \$0     \$21,276,149,567     \$1,934,195,415       Puerto Rico     \$1,636,821,253     \$0     \$1,636,821,253     \$163,682,1253       Rhode Island     \$22,072,576,610     \$531,097,770     \$1,544,478,840     \$188,416,055       Tennessee     \$5,644,445,945     \$1,31,04,075,627     \$7,81,51,94,878     \$8,8299,460,955       US. Virgin Islands     \$10,91,3107     \$0     \$10,913,107     \$10,913,107       US. Virgin Isla	New Mexico	\$5,382,334,661	\$0	\$5.382.334.661	\$489.303.151
North Carolina     Still 391,369,459     Still 331,369,459     Still 346,515       Norther Marianas     Still 4,231,641     S582,665,520     Still 531,465,154     Still 314,50,149     Still 314,195,446,301,490     Still 31,4195,4158     Still 31,4195,4158     Still 31,4195,4178     Still 31,4195,4178     Still 31,4195,4178     Still 31,4195,4178,400     Still 31,4195,4178,400     Still 31,4195,4178,400     Still 31,41,6055     Still 31,4148,410,655     Still 31,4148,440     Still 31,4148,410,655     Still 31,4148,440     Still 31,4148,410,655     Still 31,4148,440     Still 31,4148,410,655     Still 31,4148,410	New York	\$60,710,432,322	ŚO	\$60,710,432,322	\$5 519 130 211
North Dakota     S2129480,597     S1076,511634     S1052,968,963     S193,589,145       North Dakota     S2129,480,597     S1076,511634     S1052,968,963     S193,589,145       North Dakota     S23,560,960,319     S0     S23,560,960,319     S2,141,905,484       Oklahoma     S51,14,231,641     S582,465,520     S4,531,766,121     S464,930,149       Oregon     S8,319,512,966     S1,17,863,648     S7,161,649,318     S756,319,361       Pennsylvania     S21,276,149,567     S0     S21,276,149,567     S13,419,511,954       Puerto Rico     S11,636,821,253     S0     S13,636,821,253     S163,682,1253       South Carolina     S11,554,486,352     S1,183,519,376     S10,370,966,976     S10,500,973,80       South Carolina     S11,554,486,352     S13,109,770     S1,541,478,840     S18,8416,055       Texas     S91,294,070,505     S13,104,875,627     S78,153,194,878     S8,299,460,955       U.S. Virgin Islands     S10,913,107     S0     S10,913,107     S1,91,913,107       Utah     S5,911,067,240     S2,167,770,010     S6,645,490,265     S36,911,505 <t< td=""><td>North Carolina</td><td>\$11 391 369 459</td><td>\$0</td><td>\$11 391 369 459</td><td>\$1 035 579 042</td></t<>	North Carolina	\$11 391 369 459	\$0	\$11 391 369 459	\$1 035 579 042
Northern Marianas     133465,154     133465,154     133465,154       Ohio     \$23,560,960,319     \$0     \$23,560,960,319     \$2,141,905,484       Oklahoma     \$5,114,231,641     \$582,465,520     \$4,531,766,121     \$464,930,149       Oregon     \$8,319,512,966     \$1,157,863,648     \$7,161,649,318     \$756,319,361       Pensylvania     \$21,276,149,567     \$0     \$21,276,149,567     \$1,934,195,415       Puerto Rico     \$1,636,821,253     \$163,6821,253     \$163,6821,253     \$163,6821,253       South Carolina     \$11,554,486,352     \$1,183,519,376     \$10,370,966,976     \$1,050,407,850       South Dakota     \$2,072,576,610     \$531,097,770     \$1,541,478,840     \$188,416,055       Tennessee     \$5,644,445,945     \$1,321,151,906     \$4,323,294,039     \$513,131,450       Texas     \$91,294,070,505     \$13,140,875,627     \$78,153,194,878     \$88,299,460,955       U.S. Virgin Islands     \$10,913,107     \$1,91,413,709     \$3,716,95,531     \$53,73,69,749       U.S. Virginia     \$8,813,260,275     \$2,167,770,010     \$6,645,490,265     \$36,911,505	North Dakota	\$2 129 480 597	\$1 076 511 634	\$1,052,968,963	\$193 589 145
Noticity Hundred     Constrained     Constrained <thconstrained< th=""></thconstrained<>	Northern Marianas	\$13,465,154	\$0	\$13,465,154	\$1 346 515
Oklahoma     Statu 231,641     St82,465,520     St4,531,766,121     St4f44930,149       Oregon     \$8,319,512,966     \$1,157,863,648     \$7,161,649,318     \$756,319,361       Pennsylvania     \$21,276,149,567     \$0     \$21,276,149,567     \$1,934,195,415       Puerto Rico     \$1,636,821,253     \$0     \$1,636,821,253     \$163,682,1253       Rhode Island     \$228,706,720     \$20,791,520     \$20,791,520     \$20,791,520       South Carolina     \$11,554,486,352     \$1,183,519,376     \$10,370,966,976     \$1,050,407,850       South Dakota     \$2,072,576,610     \$531,097,770     \$1,541,478,840     \$188,416,055       Tennessee     \$5,564,445,945     \$1,321,151,96     \$4,323,294,039     \$513,131,450       Texas     \$91,294,070,505     \$1,321,151,96     \$4,323,294,039     \$513,131,450       Us. Virgin Islands     \$10,913,107     \$0     \$10,913,107     \$1,914,915,91       Us. Virgin Islands     \$10,913,107     \$2     \$4,004,582,785     \$318,91,145,484     \$2,207,793,479       Vermont     \$406,026,555     \$2,208,307,416     \$2,208,307,416     \$2,208,307,	Ohio	\$23 560 960 319	\$0	\$23 560 960 319	\$2 141 905 484
Oregon     \$\$8,319,512,966     \$\$1,157,863,648     \$\$7,161,649,318     \$\$75,6319,361       Pennsylvania     \$\$21,276,149,567     \$\$1,934,195,415     \$\$1,036,821,253     \$\$0     \$\$21,276,149,567     \$\$1,934,195,415       Puerto Rico     \$\$1,636,821,253     \$\$0     \$\$228,706,720     \$\$21,051,40,735,051     \$\$1,050,407,850     \$\$1,050,407,850     \$\$1,050,407,850     \$\$1,050,407,850     \$\$1,051,404,855     \$\$1,321,151,906     \$\$4,323,294,003     \$\$13,131,450     \$\$13,131,450     \$\$13,131,450     \$\$13,131,450	Oklahoma	\$5 114 231 641	\$582 465 520	\$4 531 766 121	\$464 930 149
Origin     Origin<	Oregon	\$8 319 512 966	\$1 157 863 648	\$7161 649 318	\$756 319 361
Puerto Rico     \$1,636,821,253     \$0     \$1,636,821,253     \$1,636,821,253       Rhode Island     \$228,706,720     \$0     \$228,706,720     \$20,791,520       South Carolina     \$11,554,486,352     \$1,183,519,376     \$10,370,966,976     \$20,791,520       South Carolina     \$228,706,720     \$1,531,097,770     \$1,541,478,840     \$188,416,055       South Dakota     \$2,072,576,610     \$531,097,770     \$1,541,478,840     \$188,416,055       Tennessee     \$51,644,445,945     \$1,321,151,906     \$4,323,294,039     \$513,131,450       Texas     \$91,294,070,505     \$13,140,875,627     \$78,153,194,878     \$8,299,460,955       U.S. Virgin Islands     \$10,913,107     \$0     \$10,913,107     \$1,913,107       Utah     \$5,911,067,240     \$2,194,113,709     \$3,716,953,531     \$537,369,749       Vermont     \$406,026,555     \$0     \$406,026,555     \$36,911,505       Virginia     \$8,813,260,275     \$2,167,770,010     \$6,645,490,265     \$801,205,480       Washington     \$22,208,307,416     \$0     \$2,208,307,416     \$200,755,220       Wisconsin	Pennsylvania	\$21 276 149 567	02	\$21 276 149 567	\$1,934,195,415
Recent (16)     Construction     Construction </td <td>Puerto Rico</td> <td>\$1.636.821.253</td> <td>\$0 \$0</td> <td>\$1 636 821 253</td> <td>\$163 682 125</td>	Puerto Rico	\$1.636.821.253	\$0 \$0	\$1 636 821 253	\$163 682 125
Ninderisiting     Sized, rob, rzb     Sized, rob, rzb     Sized, rob, rzb     Sized, rob, rzb       South Carolina     \$11,554,486,352     \$1,183,519,376     \$10,370,966,976     \$1,050,407,850       South Dakota     \$2,072,576,610     \$531,097,770     \$1,541,478,840     \$188,416,055       Tennessee     \$5,644,445,945     \$1,321,151,906     \$4,323,294,039     \$513,131,450       Texas     \$91,294,070,505     \$13,140,875,627     \$78,153,194,878     \$8,299,460,955       U.S. Virgin Islands     \$10,913,107     \$0     \$10,913,107     \$1,091,311       Utah     \$5,911,067,240     \$2,194,113,709     \$3,716,953,531     \$537,369,749       Vermont     \$406,026,555     \$0     \$406,026,555     \$36,911,505       Virginia     \$8,813,260,275     \$2,167,770,010     \$6,645,490,265     \$801,205,480       Washington     \$2,208,307,416     \$2,007,752,220     \$4,004,582,785     \$18,191,145,484     \$2,017,793,479       Wisconsin     \$7,639,092,090     \$0     \$7,639,092,090     \$694,462,917       Wyoming     \$3,155,426,856     \$489,102,838     \$2,666,324,018     \$2	Rhode Island	\$228 706 720	02	\$228 706 720	\$20,791,520
South Calculation     Statistics, 40,0502     Statistics, 41,05,01,050     Statistics, 51,050,050,050     Statistics, 51,050,050,050,050     Statistics, 51,050,050,050,050     Statistics, 51,050,050,050,050,050,050,050,050,050,0	South Carolina	\$11 554 486 352	\$1 183 519 376	\$220,700,720	\$20,751,320
Sodul Dakota     Statistical	South Dakota	\$2,072,576,610	\$531.097.770	\$15,41,478,840	\$1,030,407,030
Texnessee     33,54,445,545     34,52,134,506     34,52,524,053     3315,144,806       Texas     \$\$91,294,070,505     \$\$13,140,875,627     \$78,153,194,878     \$\$8,299,460,955       U.S. Virgin Islands     \$\$10,913,107     \$\$0     \$\$10,913,107     \$\$1,091,311       Utah     \$\$5,911,067,240     \$\$2,194,113,709     \$\$3,716,953,531     \$\$537,369,749       Vermont     \$\$406,026,555     \$\$0     \$\$406,026,555     \$\$36,911,505       Virginia     \$\$8,813,260,275     \$\$2,167,770,010     \$\$6,645,490,265     \$\$801,205,480       Washington     \$\$2,208,307,416     \$\$2,007,752,220     \$\$400,045,827,785     \$\$18,191,145,484     \$\$2,017,793,479       Wisconsin     \$\$7,639,092,090     \$\$0     \$\$7,639,092,090     \$\$694,462,917       Wyoming     \$\$3,155,426,856     \$\$489,102,838     \$\$2,666,324,018     \$\$286,856,987	Tennessee	\$5.611.115.915	\$1 321 151 906	\$1,311,170,010	\$513,131,450
U.S. Virgin Islands     \$10,913,107 <td>Texas</td> <td>\$91,044,445,945 \$91,207,070,505</td> <td>\$1,321,131,900 \$13,140,875,627</td> <td>\$78 153 101 979</td> <td>\$8 200 AEU 055</td>	Texas	\$91,044,445,945 \$91,207,070,505	\$1,321,131,900 \$13,140,875,627	\$78 153 101 979	\$8 200 AEU 055
O.S. Viginisands     C.G. Viginisands     C.G. Viginisands     C.G. Stripping     Stripping <thstripping< th="">     Stripping     <thstriping< th="">     Stripping     St</thstriping<></thstripping<>	LLS Virgin Islands	\$91,294,070,303 \$10 017 107	¢U) 213,140,073,027	\$70,133,194,676	\$0,2 <i>33,</i> 400,333 \$1 001 711
Vermont     \$3,5,11,007,240     \$2,194,113,709     \$3,5,10,953,531     \$557,569,749       Vermont     \$406,026,555     \$0     \$406,026,555     \$36,911,505       Virginia     \$8,813,260,275     \$2,167,770,010     \$6,645,490,265     \$801,205,480       Washington     \$22,208,307,416     \$0     \$2,208,307,416     \$200,755,220       Wisconsin     \$7,639,092,090     \$0     \$7,639,092,090     \$694,462,917       Wyoming     \$3,155,426,856     \$489,102,838     \$2,666,324,018     \$286,856,987	Ultah	\$5,011,067,240	\$U \$2 107 112 200	\$10,913,107 \$7,716,057,571	\$1,031,311 \$1,031,311
Virginia     \$406,020,555     \$50,911,505       Virginia     \$8,813,260,275     \$2,167,770,010     \$6,645,490,265     \$801,205,480       Washington     \$22,195,728,269     \$4,004,582,785     \$18,191,145,484     \$2,017,793,479       West Virginia     \$2,208,307,416     \$0     \$2,208,307,416     \$200,755,220       Wisconsin     \$7,639,092,090     \$0     \$7,639,092,090     \$694,462,917       Wyoming     \$3,155,426,856     \$489,102,838     \$2,666,324,018     \$286,856,987	Vermont	\$3,911,007,240 \$406.036.656	\$2,194,113,709 ¢0	çaue uje eee 30'\10'309'201	\$337,309,749 CZE 011 EDE
Virginia     36,615,200,273     32,167,770,010     36,045,490,205     \$801,205,480       Washington     \$22,195,728,269     \$4,004,582,785     \$18,191,145,484     \$2,017,793,479       West Virginia     \$2,208,307,416     \$0     \$2,208,307,416     \$200,755,220       Wisconsin     \$7,639,092,090     \$0     \$7,639,092,090     \$694,462,917       Wyoming     \$3,155,426,856     \$489,102,838     \$2,666,324,018     \$286,856,987	Virginia	2400,020,000 0 017 060 075	\$U \$2167770.010	2400,020,333 66645400.265	\$30,911,505 \$001,20E,400
Washington     \$22,195,726,209     \$4,004,582,785     \$18,191,145,484     \$2,017,95,479       West Virginia     \$2,208,307,416     \$0     \$2,208,307,416     \$200,755,220       Wisconsin     \$7,639,092,090     \$0     \$7,639,092,090     \$694,462,917       Wyoming     \$3,155,426,856     \$489,102,838     \$2,666,324,018     \$286,856,987	Washington	\$0,013,200,275 \$32,105,720,200	\$2,107,770,010 \$2,107,770,010	\$0,043,430,205 \$10,101,145,404	\$001,203,480 \$2,017707,470
West virginia     \$2,206,307,410     \$0     \$2,208,307,416     \$200,755,220       Wisconsin     \$7,639,092,090     \$0     \$7,639,092,090     \$694,462,917       Wyoming     \$3,155,426,856     \$489,102,838     \$2,666,324,018     \$286,856,987	Wost Virginia	\$22,195,728,269	\$4,004,582,785	\$10,191,145,484	\$2,017,795,479 \$200,755,220
wisconsin     \$7,039,092,090     \$0     \$7,039,092,090     \$694,462,917       Wyoming     \$3,155,426,856     \$489,102,838     \$2,666,324,018     \$286,856,987	Wisconsin	\$2,208,507,416	\$0	\$2,208,507,416	\$200,755,220
vvyorning \$3,135,420,830 \$489,102,838 \$2,666,524,018 \$286,856,987	Wisconsin	\$7,639,092,090	\$U	\$7,659,092,090	\$694,462,91/
	wyoming	\$3,155,426,856	\$489,102,838	\$2,666,324,018	\$286,856,987

	3% of CRV for M&O	M&O Expenditures		M&O	MGO Con
State Name	- Annual Standard Benchmark	Average (actual \$)	Gap	Gap per Student	per GSF
Alabama	\$1,057,447,500	\$688,199,667	\$369,247,833	\$500	\$2.62
Alaska	\$328,191,393	\$268,085,000	\$60,106,393	\$459	\$2.37
American Samoa	\$29,860,851	\$2,735,970	\$27,124,881	\$2,452	\$20.60
Arizona	\$1,409,511,357	\$915,229,333	\$494,282,024	\$529	\$3.78
Arkansas	\$630,815,568	\$473,253,667	\$157,561,901	\$331	\$1.50
Bureau of Indian Education	\$63,364,085	\$44,667,532	\$18,696,553	\$428	\$2.93
California	\$11,340,134,263	\$7,093,476,333	\$4,246,657,930	\$746	\$5.82
Colorado	\$1,727,088,147	\$848,820,000	\$878,268,147	\$987	\$6.68
Connecticut	\$1,647,811,585	\$817,178,333	\$830,633,252	\$1,706	\$7.04
Delaware	\$248,281,819	\$189,723,667	\$58,558,152	\$479	\$2.97
District of Columbia	\$217,607,184	\$84,496,000	\$133,111,184	\$2,713	\$11.01
Florida	\$3,565,042,412	\$2,575,898,667	\$989,143,746	\$350	\$2.12
Georgia	\$1,595,927,086	\$1,398,777,000	\$197,150,086	\$114	\$0.77
Guam	\$80.209.203	\$36.986.173	\$43.223.030	\$1.454	\$12.22
Hawaii	\$487.620.000	\$286.630.667	\$200,989,333	\$1.109	\$9.35
Idaho	\$478,567,572	\$207,374,000	\$271,193,572	\$938	\$5.95
Illinois	\$2.847.023.610	\$2,213,632,000	\$633.391.610	\$324	\$1.76
Indiana	\$1,479,385,088	\$1,091,569,000	\$387.816.088	\$387	\$2.15
lowa	\$958 579 987	\$506 196 667	\$452 383 320	\$879	\$4.84
Kansas	\$690 552 059	\$525 967 333	\$164 584 726	\$331	\$1.98
Kentucky	\$868,088,395	\$573 946 667	\$294 141 728	\$434	\$2.54
Louisiana	\$954 336 589	\$736 301 333	\$218,035,256	\$342	\$1.82
Maine	\$367057412	\$267734667	\$99 322 745	\$559	\$3.21
Maryland	\$1 653 391 955	\$1 176 537 333	\$476 854 622	\$532	\$3.39
Massachusetts	\$2,610,796,929	\$1 342 541 000	\$1,268,255,929	\$1.406	\$6.99
Michigan	\$2,541,696,117	\$1,364,485,000	\$1 177 211 117	\$899	\$3.79
Minnesota	\$1,795,117,609	\$1,304,403,000	\$1,060,681,609	\$1.288	\$6.31
Mississioni	\$569709488	\$439,415,667	\$130 293 821	\$278	\$1.52
Missouri	\$305,705, <del>7</del> 00 \$1 304 781 623	\$961.431.000	\$3/3 350 623	\$270	\$2.17
Montana	\$263 518 9/18	\$901,431,000	\$93,550,025	\$637	\$3.25
Nebraska	\$515,031,691	\$360,767,000	\$154 264 691	\$473	\$2.47
Nevada	\$591,051,051	\$388,686,333	\$202 612 481	\$452	\$7.68
New Hampshire	\$467,233,400	\$238 368 667	\$202,012,401	\$1.378	\$5.00
New Jersey	\$2,877,055,210	\$2,520,500,007	\$256,416,210	\$1,540	\$1.30
New Mexico	\$586,667,263	\$345 786 000	\$240,881,263	\$755	\$3.70
New York	\$500,007,203	\$5,257762,667	\$1.679.502.122	\$647	\$3.75
North Carolina	\$1,808,133,900	\$3,237,702,007	\$678.426.567	\$0 <del>1</del> 7	\$2.81
North Dakota	\$239,812,817	\$133,484,667	\$106 328 150	\$971	\$4.05
Northern Marianas	\$27129544	\$135,404,007 \$6,865,805	\$20,263,739	\$2.016	\$16.94
Ohio	\$27,125,344	\$1,805,681,333	\$1 758 433 770	\$1 111	\$4.22
Oklahoma	\$923,618,899	\$604,002,333	\$319,616,566	\$484	\$2.74
Oregon	\$125,010,055	\$538 623 333	\$717,869,091	\$1 231	\$6.84
Pennsylvania	\$3,457,497,323	\$2 364 959 333	\$1 092 537 989	\$696	\$3.51
	\$1,206,696,414	\$408 651 463	\$798.044.951	\$2.597	\$21.82
Rhode Island	\$1,200,000,414	\$160,031,403	\$108 801 //58	\$1,007	\$8.25
South Carolina	\$918 354 410	\$804 181 000	\$114 173 410	\$152	\$0.93
South Dakota	\$229 652 082	\$143,070,000	\$86 582 082	\$624	\$3.44
Tennessee	\$1 483 489 917	\$774 585 000	\$708 904 947	\$705	\$4.11
Texas	\$5,336,927,03,947	\$77 <del>4</del> ,303,000 \$51 <u>4</u> 5 951 333	\$190 972 500	\$37	\$0.28
LLS Virgin Islands	\$90,000,920,900	¢ς Λς1 δζ1	\$93 5/8 160	\$8,728	\$31.18
Ultah	\$745 667 001	\$3,431,831 \$715,717,777	\$330,250,569	,,,,∠0 \$552	\$3.60
Vermont	2007,5007,901 2002 200 2 NC2	\$413,417,333 \$413,417,333	\$110 058 807	\$1.205	\$5.00 \$6.30
Virginia	\$1 076 000 257	¢1 /10 202 000	\$526,700,093	\$1,290	\$0.50 \$2.62
Washington	¢1 021 222 000	\$1,410,202,000 \$1 100 607 667	\$7/2 0.00 /25/	2409 ¢662	\$2.02 \$1.02
West Virginia	\$1,331,73,U92	\$1,100,003,007 \$211,760,000	\$70 09,423	2002 \$265	\$4.00 \$1.60
Wisconsin	\$302,330,234	\$311,300,000 \$1 100 ADA EET	\$70,902,234	\$ZOJ	\$1.09 ¢1.77
Wyoming	\$1,412,931,008	\$1,102,404,007	\$101 764 222	\$1.086	, ζζ Ωρ
Grand Total	\$83 580 086 572	\$152,773,007	9101,/ 0 <del>1</del> ,555	\$570	\$3.40

Over Control of Contr		1% of CPV for Conital	Capital Investment		Appual Capital	ادىيمم
State Name     Standard Benchmark     For New Schools     Cap (adjusted)     State of the part of t		4% OF CRV for Capital	Average (2020\$) Adjusted	Capital Investment	Gan per 18-19	Capital Gap
Abdum     S14093930.00     S744672.82     S95037183     S149     S490       Anaka     S743788255     S151572611     S9513123     S1919     S1993       America Sama     S3481468     S9046550     S33767918     S2281     S2337       Anamaza     S44.097424     S141204446     S1222     S174       Amaraza     S44.097424     S141204446     S1203     S528       Cattornia     S15107191717     S1510746640     S12303     S524       Cattornia     S1510719171     S151074664     S131074188     S1149     S1140       Cattornia     S1510719171     S11494646     S1310746188     S1149     S1149       Dianci of Coundia     S210702124     S14446572810     S1149     S1149     S1149       Dianci of Coundia     S210702126     S114946572810     S1149     S	State Name	Standard Benchmark	for New Schools	Gap (adjusted)	Student	per 2020 GSF
Akaka     SSA:13.2,341     SSA:13.2,341     SSA:13.2,341     SSA:13.2,341,476     SSA:13.2,341,476     SSA:13.2,341,476     SSA:13.2,341,476     SSA:13.2,327,4135     SSA:147,427,4265     SSA:147,427,4265 </td <td>Alabama</td> <td>\$1,409,930,000</td> <td>\$714,872,817</td> <td>\$695,057,183</td> <td>\$940</td> <td>\$4.93</td>	Alabama	\$1,409,930,000	\$714,872,817	\$695,057,183	\$940	\$4.93
Amenecia Samoa     S3804/468     S0040550     S32707018     S32781     S32337       Arkaras     S1473-144476     S737303280     S1424-044405     S1222     S374       Arkarass     S144104476     S737303280     S1242-044405     S12205     S324     S344     S344444405     S12425     S374     S354     S354     S344444405     S12425     S1344     S344     S34444444     S144445     S15144545.00     S12105     S1314444445     S15144545.00     S12105     S13149     S1314444445     S151444445     S1514444730     S151444473     S151444445     S1514444730     S151444445     S15144444730     S151444445     S1514444730     S151444446     S151457706     S12183     S1508     S12193     S1510     S15105     S15129     S16105     S15129     S16105     S15129     S16105     S15129     S16105     S15129     S16105     S15129 <td< td=""><td>Alaska</td><td>\$437,588,525</td><td>\$186,276,141</td><td>\$251,312,384</td><td>\$1,919</td><td>\$9.90</td></td<>	Alaska	\$437,588,525	\$186,276,141	\$251,312,384	\$1,919	\$9.90
Anona     SL323,34,34     S727,333,340     S1.143,041,446     S1222     S824       Aranasa     SA4LB3444     S444,84,546     S376,82,275     S930     S52,580,066     S1222     S534       Bureau of Intain Folucation     S54,86,446     S314,86,396     S52,580,066     S114,86     S844     S534,553,567     S1148     S544,553,567     S1148     S544,553,567     S1148     S544,553,567     S1149     S1144     S1555,554,763     S1149     S1144     S1555,554,762     S1149     S1144     S1149,647,703     S1149	American Samoa	\$39,814,468	\$9,046,550	\$30,767,918	\$2,781	\$23.37
Arkanaza     S944,097424     S494484449     S770.532,875     S790     S5388       California     S51,00178,017     S58,864,464     S511,005,80066     S1,020,858,844     S58,849,873,00     S1,82,84     S58,84     S51,826,818,888     S1,937,818,848     S1,938,733,848     S1,938,733,858,733,848,84     S1,938,733,828,834,834,848,84     S1,938,733,848,84     S1,938,733,848,848     S1,938,733,733,733,733,733,733,733,733,733,7	Arizona	\$1,879,348,476	\$737,303,980	\$1,142,044,496	\$1,222	\$8.74
Burelau (Induite Flucation)     S64,085,446     S53,965,360     S52,263,006     S1,203     S6,244       Colorado     S53,002,7041,95     S54,469,553,08     S11,046,507     S13,461     S13,519     S13,461     S13,519     S13,461     S13,519     S13,461     S13,519     S13,461     S13,19	Arkansas	\$841,087,424	\$464,454,549	\$376,632,875	\$790	\$3.58
Califormia     S15120.179.017     S38362.236.67     S56.53.399.370     S1.148     S995       Conversion     S2.302.474.195     S54.49.35.00     S1.164.47.195     S51.44.47.195     S51.49.47.195     S51.197.097.114     S61.166.68.07     S1.55.615.50     S5.195     S51.91.22     S58.193.255.615.50     S51.91.22     S58.193.255.615.50     S51.91.22     S58.193.255.615.50     S51.91.22     S7.05     S51.91.27     S51.91.22     S7.05     S51.91.27     S51.91.22     S7.05     S51.97     S51.97 <td< td=""><td>Bureau of Indian Education</td><td>\$84,485,446</td><td>\$31,905,380</td><td>\$52,580,066</td><td>\$1,203</td><td>\$8.24</td></td<>	Bureau of Indian Education	\$84,485,446	\$31,905,380	\$52,580,066	\$1,203	\$8.24
Calorado     \$2,30,2784.195     \$3,34,395.508     \$3,1762.188,888     \$1,967     \$3,148       Delaware     \$3,31,012.012     \$544,666.947     \$1,555,015.207     \$3,139     \$5410       Delaware     \$3,31,012.012     \$549,106.22     \$52,026.350     \$3,133     \$5480       Delaware     \$2,012,020,828     \$1,022,026,830     \$3,134     \$5480       Ecorgia     \$2,127,020,828     \$3,23,741,927     \$3,353     \$1,31       Cuan     \$106,045,6000     \$13,116,745     \$4,460,9746     \$2,226,060     \$2,275       Maho     \$56,01000     \$13,116,745     \$4,460,9746     \$2,216     \$4,45       Indran     \$51,976,0148     \$2,235,0105     \$1,157,002,444     \$561     \$4,35       Indran     \$1,272,1106,619     \$593,505,57     \$1,157,002,499     \$1,124     \$51,97       Iona     \$1,272,1106,619     \$593,505,57     \$1,51,97,007,998     \$32,29,427       Maho     \$2,297,1106,619     \$2,297,978     \$51,92,099,998     \$32,29,427       Maho     \$2,297,1106,619     \$2,244,977     \$51,92,099,998     <	California	\$15,120,179,017	\$8,586,229,647	\$6,533,949,370	\$1,148	\$8.95
Connectod     S12/06/214     B62/266/34     S15/56/326/46     S12/36       Delevare     S13/04/225     S16/87/861     S16/27/861     S12/366     S12/36     S13/36     S13/3     S13/	Colorado	\$2,302,784,195	\$534,595,308	\$1,768,188,888	\$1,987	\$13.44
Debxarde     S330,042,425     S164,478,816     S162,476,830     S1.339     S819       Piorida     S74,773,339,833     S1,468,672     S533,274,1727     S1182     S748       Piorida     S2,1279,07287     S1792,10685     S332,871,1927     S1193     S131       Caam     S106,945,005     S512,220,865     S448,157,93     S1,508     S52,220,864     S22,220,865     S448,157,93     S1,508     S52,220,864     S22,220,864     S22,224,4     S22,866     S43,857,862     S1,472,478,89     S43,857,862     S1,472,478,8     S54,858,902,857     S1,144,458,8     S54,858,902,857     S1,147,449,86     S32,857,928,855     S1,22,444,448,88     S44,817,972,858     S1,22,444,448,88     S44,857,972,728,853     S1,22,444,448,88     S1,22,44,448,88     S1,22,44,448,88     S1,22,44,448,86     S1,22,23,517,911,91,939,85     S1,20,65     S1,107,873,82     S2,42,42     S1,873     S1,872,877,92,938,853     S1,002,873,837,92     S2,444     S1,22,357,971,91     S1,31,392,991,836,57     S1,21,372,701,102,853	Connecticut	\$2,197,082,114	\$641,466,847	\$1,555,615,267	\$3,196	\$13.18
Datistic in Calumbia     S-290,14.242     S-348,163,462     S-388,073,200     S-348,15       Ceorgia     S2475,359,893     SL166,67,218     SS328,417,2055     SL162     S705       Georgia     S2107,90,2782     SL732,160,885     SS337,1127     S193     SL164       Caum     S10,09,450,05     SS22,12866     S44,815,739     SL166     S22,65       Hewaii     S539,003,1480     S22,330,030,65     SL137,207,893     SL124     S61,99       Indiana     SL278,106,649     S659,333,730     S576,772,920     SL124     S61,99       Kentack     S320,076,079     ST11,942,067     S20,783,832     S420     S25,119       Indiana     S12,724,49,786     S760,455,787     S511,92,993     S11,02     S511,92       Coulsina     S12,724,49,786     S760,455,787     S511,92,993     S10,03     S12,06       Mayand     S2,224,522,80     S93,414,656     S12,221,042,22     S10,33     S10,60       Mayand     S2,244,542,80     S12,440,468     S12,23,993,762     S2,444     S12,03     S10,42     S5,41  <	Delaware	\$331,042,425	\$169,745,816	\$161,296,609	\$1,319	\$8.19
Horaa     34,753,683,883     51,496,87,288     33,248,71,028     51,182     57,05       Guarn     S106,945,605     S52,120,865     S533,741,927     S1508     S12,67       Hawaii     S106,945,605     S52,120,865     S5448,157,39     S1508     S12,67       Itaho     \$535,000,096     -52,195,158     S106,942,45     S540,863,292     S201     S543       Itaho     \$537,603,180     S22,350,005     S1,553,028,474     S201     S543       Itaho     \$12,72,106,649     S509,302,557     S1,772,208,42     S242     S21,87       Itawa     \$12,72,166,649     S509,302,577     S511,992,998     S802     S42,87       Kenucky     \$11,576,511,932,566     S617,070,272     S681     S37,999     S12,82       Louisana     \$12,72,448,786     S700,455,767     S511,992,998     S12,82     S42,07       Maine     \$4,894,09,882     S11,114,866     S12,22,31/10,110,82     S11,80     S7,65       Maine     \$2,393,496,146     S1,279,999,811     S11,35,223,107,011,022     S1,810     S7,65	District of Columbia	\$290,142,912	\$348,169,262	-\$58,026,350	-\$1,183	-\$4.80
Cacorgia     3.2.2/30/2762     3.1.2/2020/2762     3.1.2/2020/2762     3.2.2/2020	Florida	\$4,/53,389,883	\$1,468,672,818	\$3,284,/1/,065	\$1,162	\$7.05
Clafm     S10,943,005     S02,124,868     S448,997,493     S1,038     S12,67       Hawaii     S600,000     S15,152,346     S448,997,448     S2,285     S22,65     S22,61     S39,92     S42,00     S22,51     S31,92,92,93     S1,27     S561     S39,92     S42,00     S22,51     S31,92,92,93     S1,27     S561     S32,92,92     S42,00     S22,11,92,92,93     S1,27,92,92,93     S1,27,27,92     S56,22,51     S2,26,10,91     S1,194,92,93     S1,92,44     S1,23,52,51     S2,26,10,91     S1,194,92,93     S1,92,44     S1,92,41,41,42,66     S1,22,21,02,91     S1,94,44     S1,94,44     S1,94,44     S1,92,44,41,42,45     S1,	Georgia	\$2,127,902,782	\$1,792,160,855	\$335,/41,92/	\$193	\$1.51
Intwall     35000,(60,000)     3103,106,296     3900,390,000     322,600     322,600     322,600       Maho     6568,000,000     52,191,130     55440,266,234     5801     5145       Illinois     51,372,514,50     509,353,557     51,372,207,893     51,372     57,65       Iavaa     51,272,106,649     6599,333,330     55/87,720,990     51,124     56,19       Kanas     5207,975,079     5711,942,097     5208,793,892     5420     52,51       Kenucky     51,127,2144,745     576,073     5313,55,578     5373,553,125     52,103     512,06       Maine     5498,409,882     5115,85,758     5373,553,125     52,103     512,06       Maryland     52,204,522,607     5981,414,606     512,23,010,102     54,84     512,35       Michigan     53,388,028,166     51,017,827,004     52,31,910,105     54,84     51,35       Misscolumetris     54,348,028,166     51,017,827,004     52,31,910,105     54,84     51,35       Misscolumetris     51,438,928,166     51,017,827,904     52,484     51,35	Guam	\$106,945,605	\$62,129,866	\$44,815,739	\$1,508	\$12.67
Ibarbo     3588.090.056     -52.190.138     3540.262.91     S2.2.19     3741.09       Linnias     S.3.76.053.460     S2.2.190.138     S3.00.2055     S1.563.024.424     S6.01     S4.455       Indiana     S1.972.515.450     S595.303.557     S7.72.920     S1.124     S5.19       Kansas     S920.736.079     S711.942.097     S20.738.932     S420     S2.51       Kansas     S920.736.079     S711.942.097     S211.992.998     S802     S4.27       Maire     34489.409.862     S151.952.998     S2.21.03     S12.066       Mayland     S2.224.82.607     S081.44.656     S1.223.107.911     S1.1364     S8.73       Missabubetts     S5.481.062.572     S1.241.068.810     S2.237.1101.062     S1.810     S7.66       Minesota     S2.33.489.146     S1.279.797.811     S1.135.06.334     S1.542     S6.62       Minesota     S1.73.970.831     S821.330.295     S18.104     S7.77     Neibaska     S1.423     S6.62       Missaphtuetts     S1.348.062.572     S1.24.068.810     S1.447     S8.25.811     S1.44	Hawaii	\$650,160,000	\$163,162,546	\$486,997,454	\$2,686	\$22.65
mintos     52/96/021400     52/253/05123     51/363/02444     3601     34.35       Indiana     51/972/18106.649     558/93.33/30     557/87/2920     51.124     56.19       Ransas     59/20/36.079     571194/20.97     5208/73.982     5420     52.51       Kennudy     51.1274.1193     5505/70466     54611.920.727     5581     53.99       Louisana     51.274.48.786     5700.455.787     5511.992.998     5802     54.27       Marka     52.204.522.607     5081.41.669     51.223.107.911     51.364     58.70       Masachustis     53.480.026.572     51.214.068.810     52.239.993.76     52.844     52.23       Masachustis     53.480.926.156     51.017.827.094     52.321.010.062     51.810     57.83       Minnesota     53.739.08.81     58.13.979     52.131.506.345     51.155     55.81       Minstosppi     57.99.08.81     58.81     51.83.97     52.22.560.100     51.151     57.72       Newhaska     5667.789.21     51.99.04.97     54.84.03.368     51.07     58.81 <t< td=""><td>Idano</td><td>\$638,090,096</td><td>-\$2,196,138</td><td>\$640,286,234</td><td>\$2,214</td><td>\$14.05</td></t<>	Idano	\$638,090,096	-\$2,196,138	\$640,286,234	\$2,214	\$14.05
Induital     51.97.431.430     53.93.00.337     51.737.407.483     51.737     57.65       Kansas     \$5920.736.079     \$511.942.007     \$520.739.982     \$440     \$53.99       Kansas     \$5920.736.079     \$511.942.007     \$502.073.982     \$440     \$52.51       Kenucky     \$511.274.4876     \$5750.466     \$5461.720.272     \$581.41     \$590.2     \$42.75       Maine     \$489.409.882     \$515.856.758     \$5373.553.125     \$51.03     \$52.03     \$12.06       Mayland     \$52.244.522.607     \$981.414.696     \$1.232.107.911     \$1.13.64     \$8.70       Massachusetts     \$53.481.062.572     \$1.241.068.80     \$2.23.71.101.062     \$1.810     \$7.63       Minesota     \$2.739.426.55     \$2.70.6770     \$488.738.80     \$1.522     \$5.62       Missoun     \$1.797.028.81     \$821.330.295     \$918.376.355     \$1.035     \$5.81       Missoun     \$7.797.028.81     \$822.856.000     \$1.011     \$7.72       Newada     \$662.977.807     \$1.82.894.494     \$510.992.975     \$5.007     \$1.81.18 <tr< td=""><td></td><td>\$3,790,031,480</td><td>\$2,235,005,055</td><td>\$1,505,028,424</td><td>\$8UI 61.775</td><td>\$4.55 67.05</td></tr<>		\$3,790,031,480	\$2,235,005,055	\$1,505,028,424	\$8UI 61.775	\$4.55 67.05
Bit Main     312000000000000000000000000000000000000	Inularia	\$1,972,515,450	\$595,505,557 \$600 333 730	\$1,377,207,893 \$578,772,020	\$1,373 \$1.127	\$7.05
Industs     35200733     371.9712,971     362.073,376     372.07     362.1       Kenucky     51.157/451.193     5695720/66     \$6167.20272     \$681     \$339       Louisina     \$1.272,448,786     \$760,455,787     \$511,992,998     \$802     \$4.27       Mare     \$489,409,882     \$115,86,785     \$373,853,128     \$21.005     \$12.206       Mayand     \$2.204,522,607     \$981,414,696     \$12.2310,7911     \$1.354     \$8,70       Michigan     \$5.388,928,156     \$1.017,827,094     \$2.231,101,062     \$1.810     \$7.65       Minnesota     \$2.339,486,146     \$1.279,979,813     \$51,135,506,534     \$1.352     \$6.662       Missouri     \$1.739,708,851     \$821,330,295     \$918,378,555     \$1.035     \$5.81       Mortana     \$351,358,597     \$128,798,497     \$24,265     \$1.003     \$817       Newhamphire     \$606,708,921     \$199,949,075     \$487,659,847     \$1.466     \$1.72       New Jarscy     \$3,83,6073,613     \$1.197,712,444     \$52,638,61,569     \$1.003     \$817       New Jarscy <td>Kansas</td> <td>\$1,270,100,049</td> <td>\$711 042 007</td> <td>\$370,772,920</td> <td>\$1,124</td> <td>\$0.19</td>	Kansas	\$1,270,100,049	\$711 042 007	\$370,772,920	\$1,124	\$0.19
Instruction     3.1.07.4.1.33     3.0.00.00.00     3.0.00	Kontucky	\$920,730,079	\$605 730 466	\$200,793,902	\$420	\$2.51
Lobinitini     Line (Line)     Line (Line)     Line (Line)       Maine     S449.409.882     S113.86.738     S373.55.125     S2.103     S12.06       Maryland     S2.204.522.607     S981.414.696     S2.233.107.911     S1.364     S8.70       Massachusetts     S3.481.062.572     S1.241.068.810     S2.2397.486     S1.235     S1.652     S2.667       Minnesota     S2.393.486.146     S1.729.979.811     S1.135.06.534     S1.552     S666.2       Mississippi     S7.795.02.655     S2.70.87.677     S448.735.880     S1.042     S5.71       Missouri     S1.739.708.831     S821.330.295     S918.378.535     S1.042     S5.71       Missouri     S1.739.708.831     S821.330.295     S918.378.538     S1.042     S5.71       Nebraka     S666.708.921     S199.049.075     S487.658.84     S1.496     S7.82       New Hampshire     S62.2977.867     S112.365.494     S51.059.87     S1.055     S1.003     S1.72       New Hampshire     S62.297.966.355     S5.191.30.211     S3.60.566     S1.007     S1.52.66     New Yo	Louisiana	\$1,157,451,195	\$760,455,787	\$511 002 008	\$802	\$1.27
Maryland     52.204.522.607     53.81.44.696     51.223.107.911     51.364     53.70       Masgland     52.204.522.607     \$5.81.44.668.810     \$5.223.93.93.762     \$2.484     \$12.23       Masgland     52.338.928.156     \$1.107.827.094     \$2.37.110.062     \$1.810     \$5.23       Minnesota     \$2.333.486.146     \$1.279.979.811     \$1.113.506.334     \$1.352     \$6.62       Missouri     \$1.739.708.831     \$581.343.692     \$9.878.7535     \$1.035     \$5.81       Missouri     \$1.739.708.831     \$581.334.892     \$9.878.7535     \$1.035     \$5.81       Missouri     \$1.739.708.831     \$531.358.97     \$1.247.984.97     \$4.875.880     \$1.042     \$5.71       Netraska     \$686.708.921     \$19.904.975     \$4.875.9847     \$1.496     \$7.82       Newdaco     \$57.833.8418     \$353.352.554     \$5.10.035.570.0     \$1.51     \$7.72       New Jensey     \$5.881.073.615     \$1.197.72.244     \$2.638.31.359     \$1.961     \$13.43       New Vark     \$9.209.666.385     \$5.51.10.211     \$5.60.561.74     \$1.447	Maine	\$489,409,882	\$100, 400, 400, 400, 400, 400, 400, 400,	\$373 553 125	\$2 103	\$12.06
Mary and biological status     Display and status     Display and status     Display and status       Massachusetts     \$3.348.1062.572     \$1.241.068.10     \$2.239.993.762     \$2.484     \$1.255       Michigan     \$3.388.281.166     \$1.107.827.094     \$2.371.101.062     \$1.185     \$5.155     \$5.71       Mississippi     \$7.59.612.650     \$270.876.770     \$4488.755.880     \$1.352     \$6.62       Mississippi     \$5.759.612.650     \$270.876.770     \$4488.755.885     \$1.035     \$5.71       Mississippi     \$5.759.612.650     \$270.876.770     \$4488.755.885     \$1.035     \$5.81       Montana     \$5.51.581.597     \$124.798.497     \$522.560.100     \$1.511     \$7.72       Nebraska     \$686.708.921     \$199.049.075     \$487.659.847     \$1.496     \$7.82       New Hampshire     \$622.977.867     \$123.385.494     \$510.050.5174     \$3.607     \$1.52.60       New Jersey     \$3.836.073.613     \$1.197.712.244     \$2.638.361.369     \$1.961     \$1.343       New Marco     \$7.82.250.07     \$549.303.515     \$2.22.919.866     \$91.99	Manyland	\$2 204 522 607	\$981 414 696	\$1,223,107,011	\$1.367	\$8.70
Masserbactics     Date 100,000     Date 30,000     Date 30,000 <thdate 30,000<="" th=""></thdate>	Massachusetts	\$3,481,062,572	\$1.241.068.810	\$2,223,107,511	\$2,484	\$12 35
Interngon     20.303.466.146     31.201.001.001.001.001.001.001.001.001.00	Michigan	\$3,101,002,372	\$1,017,827,094	\$2,235,553,762	\$1,810	\$763
Ministissippi     Distribution     Distribution     Distribution     Distribution     Distribution       Mississippi     S759.61.2650     S270.876.770     S488.755.860     S1.042     S5.71       Mississippi     S1739.708.831     S821.330.295     S918.378.535     S1.035     S5.81       Montana     S351.358.597     S128.798.497     S222.560.100     S1.511     S7.72       Newda     S686.708.921     S199.490.75     S487.658.847     S1.496     S7.82       New data     S788.398.418     S338.362.354     S450.050.65     S1.003     S8.17       New Hampshire     S622.977.867     S112.385.494     S510.592.373     S3.007     S152.6       New Vork     S9.209.686.385     S5.519.130.211     S2.690.556.174     S1.447     S8.52       North Dakota     S310.750.423     S95.724.451     S224.024.024.977     S1.649     S6.26       Oklahoma     S1.231.491.865     S411.978.78     S819.513.127     S1.241     S7.04       Oregon     S1.671.323.232     S651.059.029     S1.020.264.203     S1.757     S9.77	Minnesota	\$2,393,486,146	\$1,279,979,811	\$1 113 506 334	\$1 352	\$6.62
Missouri     S179/08.83     S821.330,295     S98.378.355     S1.035     S5.81       Missouri     S131,358.997     S128.798.497     S22.250.000     S1.511     S7.72       Nevada     S686,708.921     S199.049.075     S487,659.847     S1.496     S7.82       Nevada     S788,358.418     S333.62.354     450.036.065     S1.003     S8.17       New Hampshire     S622,977.867     S112.385,494     S510,592.373     S3.007     S15.26       New Jersey     S5386.073.613     S1.197.712.244     S2.658.361.569     S1.961     S14.43       New Vork     S9.209.686.385     S5.519.130.211     S2.806.55.6174     S1.447     S8.52       North Carolina     S2.410.845.200     S1.035.579.042     S1.375,72.66.158     S955     S5.70       North Carolina     S3.19,750.423     S95.724.451     S2.24.025,972     S1.96.99     S8.53       Norther Marianas     S5.617.2725     S1.346.515     S3.486.210     S3.465     S2.911       Ohio     S4.722.153.471     S2.141.905.444     S2.610.247.987     S1.649     S6.26  <	Mississippi	\$759,612,650	\$270 876 770	\$488,735,880	\$1,042	\$5.71
Montana     S351,555,597     S122,798,497     S222,560,100     S1.511     S7.72       Nebraska     \$666,708,921     \$199,049,075     \$487,659,847     \$1,496     \$7.82       New Hampshire     \$622,977,867     \$112,355,494     \$50,306     \$10,003     \$81,7       New Hampshire     \$622,977,867     \$112,355,494     \$50,350,273     \$3,007     \$15,26       New Hampshire     \$522,977,867     \$112,355,494     \$52,638,361,369     \$1,961     \$15,43       New Hork     \$59,20,968,385     \$55,131,0211     \$52,60,158     \$919     \$461       New York     \$59,20,968,385     \$55,131,0211     \$52,60,158     \$955     \$570       North Carolina     \$2,410,845,200     \$1,035,579,042     \$1,375,266,158     \$955     \$570       North Dakota     \$319,750,423     \$95,724,451     \$22,40,25,972     \$1,649     \$626       Okiahoma     \$1,671,232,232     \$61,059,029     \$1,629     \$5,257       Ohio     \$4,752,153,471     \$2,141,905,484     \$2,610,247,987     \$1,649     \$626       Okiahoma     \$1	Missouri	\$1,739,708,831	\$821 330 295	\$918 378 535	\$1,035	\$5.81
Nebraska     \$686,708,921     \$199,049,075     \$487,659,847     \$1,496     \$7.82       Nevada     \$788,398,418     \$533,352,354     \$5450,056,055     \$51,003     \$817       New Hampshire     \$622,977,867     \$5112,385,394     \$510,592,373     \$3,007     \$1526       New Jersey     \$53,836,073,613     \$5117,7712,244     \$26,638,613,659     \$51,961     \$13,43       New Mexico     \$782,223,017     \$489,303,151     \$292,919,866     \$919     \$4,61       New York     \$92,096,66,385     \$5,519,130,211     \$3,590,556,174     \$1,447     \$85,25       North Carolina     \$2410,845,200     \$1,035,579,042     \$1,375,266,158     \$955     \$5,70       North Dakota     \$5317,570,423     \$95,724,451     \$224,025,972     \$1,969     \$8,53       North Dakota     \$53,617,2725     \$1,346,615     \$3,4826,210     \$3,465     \$29111       Ohio     \$4,752,153,471     \$2,141,905,448     \$2,610,247,987     \$1,649     \$6,26       Oklahoma     \$1,671,323,232     \$651,059,029     \$1,020,264,203     \$1,757     \$9,77 <td>Montana</td> <td>\$351,358,597</td> <td>\$128,798,497</td> <td>\$222,560,100</td> <td>\$1.511</td> <td>\$7.72</td>	Montana	\$351,358,597	\$128,798,497	\$222,560,100	\$1.511	\$7.72
Nevada     5788,398,418     5338,362,354     5450,036,065     51,003     5817       New Hampshire     5622,977,867     \$112,385,494     \$510,592,373     \$5,007     \$15,26       New Jersey     \$338,360,73,613     \$1,197,712,244     \$2,638,361,369     \$1911     \$513,43       New Mexico     \$782,222,017     \$449,303,151     \$2,2919,866     \$919     \$4,61       New York     \$9,209,686,385     \$5,519,130,211     \$5,690,556,174     \$1,447     \$852       North Carolina     \$2,410,845,200     \$1,035,579,042     \$1,375,266,158     \$955     \$5,70       North Dakota     \$319,750,423     \$59,724,4451     \$224,025,972     \$1,969     \$86,53       North Dakota     \$319,750,423     \$51,346,515     \$54,826,210     \$3,465     \$29111       Ohio     \$4752,153,471     \$2,141,905,484     \$2,610,247,987     \$1,649     \$626       Oklahoma     \$12,231,491,865     \$411,978,738     \$819,513,127     \$1,241     \$7,04       Oregon     \$1,617,32,232     \$651,050,093     \$1,002,264,203     \$1,757     \$9,77	Nebraska	\$686,708,921	\$199.049.075	\$487,659,847	\$1,496	\$7.82
New Hampshire     \$622,977,867     \$112,385,494     \$510,592,373     \$3.007     \$15,26       New Jersey     \$3.836,073,613     \$1.197,712,244     \$2.638,361,369     \$1.961     \$13.43       New Mexico     \$778,223,017     \$489,303,151     \$2.92,919,866     \$1.991     \$4.61       New York     \$92,90,666,335     \$55,519,130,211     \$3.690,556,174     \$5.44     \$8.52       North Carolina     \$2.410,845,200     \$1.035,579,042     \$1.375,266,158     \$955     \$5.70       North Dakota     \$5319,750,423     \$957,24451     \$224,02,577     \$1.969     \$8.53       Northern Marianas     \$3.617,2725     \$1.346,515     \$3.4826,210     \$3.465     \$29.11       Ohio     \$4.752,153,471     \$2.141,905,484     \$2.610,247,987     \$1.649     \$5.626       Oklahoma     \$1.231,491,865     \$411,978,738     \$819,513,127     \$1,241     \$7.04       Oregon     \$1.671,323,232     \$555,0202     \$1,020,264,203     \$1,575     \$9.77       Pennsylvania     \$4,609,996,439     \$2.0791,520     \$470,142,669     \$3,532     \$1950	Nevada	\$788,398,418	\$338,362,354	\$450,036,065	\$1,003	\$8.17
New Jersey     \$3,836,073,613     \$1,197,712,244     \$2,638,361,369     \$1,961     \$13,43       New Mexico     \$782,223,017     \$449,303,151     \$292,919,866     \$919     \$4,61       New York     \$9,209,686,385     \$5,519,102,11     \$3,690,556,174     \$1,447     \$8,852       North Carolina     \$2,410,845,200     \$1,035,579,042     \$1,375,266,158     \$955     \$5,70       North Dakota     \$319,750,423     \$95,724,451     \$224,025,972     \$1,969     \$8,833       North Dakota     \$349,750,423     \$95,724,451     \$524,025,972     \$1,969     \$8,833       Northern Marianas     \$3,6172,725     \$1,346,515     \$34,826,210     \$3,465     \$29,111       Ohio     \$4,752,153,471     \$2,141,907,8738     \$819,513,127     \$1,241     \$7,04       Oregon     \$1,671,323,232     \$5651,059,029     \$1,020,264,203     \$1,775     \$9,777       Pennsylvania     \$4,609,996,430     \$1,934,195,415     \$2,675,801,015     \$1,706     \$8,14       Puerto Rico     \$1,608,928,552     \$163,682,125     \$1,445,246,427     \$4,703     \$	New Hampshire	\$622,977,867	\$112,385,494	\$510,592,373	\$3,007	\$15.26
New Mexico     \$782,223,017     \$489,303,151     \$292,919,866     \$919     \$4,61       New York     \$9,209,686,385     \$5,519,130,211     \$3,500,556,174     \$1,447     \$8,52       North Carolina     \$2,410,845,200     \$1,035,579,042     \$1,375,266,158     \$955     \$5,70       North Carolina     \$3,510,750,423     \$95,724,451     \$224,02,5972     \$1,969     \$8,53       Northern Marianas     \$3,6172,725     \$1,346,515     \$34,826,210     \$3,465     \$29,111       Ohio     \$4,752,153,471     \$2,141,905,484     \$2,610,247,987     \$1,649     \$6,26       Oklahoma     \$1,671,322,322     \$656,1059,029     \$1,020,264,203     \$1,777     \$9,77       Pennsylvania     \$4,609,996,430     \$1,934,195,415     \$2,675,801,015     \$1,706     \$8,14       Puerto Rico     \$1,608,928,552     \$163,682,125     \$1,445,246,427     \$4,703     \$39,52       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$375     \$2,29       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$375	New Jersey	\$3,836,073,613	\$1,197,712,244	\$2,638,361,369	\$1,961	\$13.43
New York     \$9,209,686,385     \$5,519,130,211     \$3,690,556,174     \$1,447     \$8,52       North Carolina     \$2,410,845,200     \$1,035,579,042     \$1,375,266,158     \$955     \$5,70       North Dakota     \$319,750,423     \$957,24,451     \$224,025,972     \$1,969     \$8,53       Northern Marianas     \$36,172,725     \$1,346,515     \$34,826,210     \$3,4655     \$2911       Ohio     \$4,752,153,471     \$2,114,905,484     \$2,610,247,987     \$1,649     \$6,26       Oklahoma     \$1,231,491,865     \$411,978,738     \$819,513,127     \$1,241     \$7,04       Oregon     \$1,671,323,232     \$651,059,029     \$1,020,264,203     \$1,757     \$9,77       Pennsylvania     \$4,609,996,430     \$1,134,195,415     \$2,675,801,015     \$1,706     \$81,44       Puerto Rico     \$1,608,928,552     \$1,63,682,125     \$1,445,246,427     \$4,703     \$3532     \$1950       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$375     \$2,299       South Carolina     \$1,977,986,596     \$3939,026,731     \$1,584,599,866	New Mexico	\$782,223,017	\$489,303,151	\$292,919,866	\$919	\$4.61
North Carolina     \$2,410,845,200     \$1,035,579,042     \$1,375,266,158     \$955     \$5.70       North Dakota     \$319,750,423     \$95,724,451     \$224,025,972     \$1,969     \$8.53       Northern Marianas     \$356,172,725     \$1,346,515     \$34,826,210     \$3,465     \$29,111       Ohio     \$4,752,153,471     \$2,141,905,484     \$2,610,247,987     \$1,649     \$6.26       Oklahoma     \$1,231,491,865     \$411,978,738     \$819,513,127     \$1,241     \$7,04       Oregon     \$1,671,323,232     \$651,059,029     \$1,020,264,203     \$1,757     \$9,77       Pennsylvania     \$4,609,996,430     \$1,934,195,415     \$2,675,801,015     \$1,706     \$8.14       Puerto Rico     \$1,608,928,552     \$163,682,125     \$1,445,246,427     \$4,703     \$39,52       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$37,55     \$2,29       South Dakota     \$306,202,776     \$140,134,440     \$166,068,336     \$1,198     \$66,10       Tennessee     \$1,979,86,596     \$339,026,731     \$151,84,959,866     \$1,577	New York	\$9,209,686,385	\$5,519,130,211	\$3,690,556,174	\$1,447	\$8.52
North Dakota     \$319,750,423     \$95,724,451     \$224,025,972     \$1,969     \$8.53       Northern Marianas     \$36,172,725     \$1,346,515     \$34,826,210     \$3,465     \$29,11       Ohio     \$4,752,153,471     \$2,141,905,484     \$2,610,247,987     \$1,649     \$6,26       Oklahoma     \$1,231,491,865     \$411,978,738     \$819,513,127     \$1,241     \$7,04       Oregon     \$1,671,323,232     \$651,059,029     \$1,020,264,203     \$1,757     \$9,77       Pennsylvania     \$4,609,996,430     \$1,934,195,415     \$2,675,801,015     \$1,706     \$8,14       Puerto Rico     \$1,608,928,552     \$163,682,125     \$1,445,246,427     \$4,703     \$39,52       Rhode Island     \$490,934,389     \$20,791,520     \$470,142,869     \$3,532     \$19,50       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$37,5     \$2,29       South Dakota     \$306,202,776     \$140,134,440     \$166,068,336     \$1,198     \$6,61       Tennessee     \$1,977,986,596     \$333,026,731     \$1,584,959,866     \$1,577     \$9,20	North Carolina	\$2,410,845,200	\$1,035,579,042	\$1,375,266,158	\$955	\$5.70
Northern Marianas\$36,172,725\$1,346,515\$34,826,210\$3,465\$29,11Ohio\$4,752,153,471\$2,141,905,484\$2,610,247,987\$1,649\$6,26Oklahoma\$1,231,491,865\$411,978,738\$819,513,127\$1,241\$7,04Oregon\$1,671,323,232\$651,059,029\$1,020,264,203\$1,757\$9,77Pennsylvania\$4,609,996,430\$1,934,195,415\$2,675,801,015\$1,706\$8.14Puerto Rico\$1,608,928,552\$163,682,125\$1,445,246,427\$4,703\$39,522Shode Island\$490,934,389\$20,791,520\$47,014,2869\$3,552\$19,50South Carolina\$1,224,472,547\$942,815,180\$281,657,367\$37,55\$2,29South Dakota\$306,202,776\$140,134,440\$166,068,336\$1,198\$6,61Tennessee\$1,977,986,596\$393,026,731\$1,584,959,866\$1,577\$9,20Texas\$7,115,898,577\$7,104,855,898\$11,062,679\$2\$0,02U.S. Virgin Islands\$132,000,000\$992,101\$131,007,899\$12,223\$43,67Utah\$994,223,868\$337,904,866\$656,519,001\$1,097\$7,16Vermont\$325,311,857\$36,911,505\$288,400,352\$3,393\$16,51Washington\$2,575,697,455\$1,653,740,499\$92,1956,957\$821\$6,06West Virginia\$509,800,312\$200,755,220\$309,045,092\$1,153\$7,35Wisconsin\$1,883,908,810\$694,462,917\$1,189,445,893	North Dakota	\$319,750,423	\$95,724,451	\$224,025,972	\$1,969	\$8.53
Ohio     \$4,752,153,471     \$2,141,905,484     \$2,610,247,987     \$1,649     \$6,26       Oklahoma     \$1,231,491,865     \$411,978,738     \$819,513,127     \$1,241     \$7,04       Oregon     \$1,671,323,232     \$651,059,029     \$1,020,264,203     \$1,757     \$9,77       Pennsylvania     \$4,609,996,430     \$1,934,195,415     \$2,675,801,015     \$1,706     \$8.14       Puerto Rico     \$1,608,928,552     \$163,682,125     \$1,445,246,427     \$4,703     \$39,52       Rhode Island     \$4490,934,389     \$20,791,520     \$470,142,869     \$3,532     \$19,50       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$37,55     \$2,29       South Dakota     \$306,202,776     \$140,134,440     \$166,068,336     \$1,198     \$6,61       Tennessee     \$1,977,986,596     \$393,026,731     \$1,584,959,866     \$1,577     \$9,20       Texas     \$7,115,898,577     \$7,104,835,898     \$11,062,679     \$2     \$0,02       U.S. Virgin Islands     \$132,000,000     \$999,2101     \$131,007,899     \$12,223     \$43,67	Northern Marianas	\$36,172,725	\$1,346,515	\$34,826,210	\$3,465	\$29.11
Oklahoma     \$1,231,491,865     \$411,978,738     \$819,513,127     \$1,241     \$7.04       Oregon     \$1,671,323,232     \$651,059,029     \$1,020,264,203     \$1,757     \$9.77       Pennsylvania     \$4,609,996,430     \$1,934,195,415     \$2,675,801,015     \$1,706     \$8.14       Puerto Rico     \$1,608,928,552     \$163,682,125     \$1,445,246,427     \$4,703     \$39.52       Rhode Island     \$490,934,389     \$20,791,520     \$470,142,869     \$3.532     \$19.50       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$375     \$2.29       South Dakota     \$306,202,776     \$140,134,440     \$166,068,336     \$1,198     \$6.61       Tennessee     \$1,977,986,596     \$393,026,731     \$1,584,959,866     \$1,577     \$9.20       U.S. Virgin Islands     \$132,000,000     \$992,101     \$131,007,899     \$12,223     \$43,67       Utah     \$994,223,868     \$337,904,866     \$666,319,001     \$1,097     \$7.16       Vermont     \$325,311,857     \$36,611,555     \$288,400,352     \$3,393     \$16.51 <td>Ohio</td> <td>\$4,752,153,471</td> <td>\$2,141,905,484</td> <td>\$2,610,247,987</td> <td>\$1,649</td> <td>\$6.26</td>	Ohio	\$4,752,153,471	\$2,141,905,484	\$2,610,247,987	\$1,649	\$6.26
Oregon     \$1,671,323,232     \$651,059,029     \$1,020,264,203     \$1,757     \$9,77       Pennsylvania     \$4,609,996,430     \$1,934,195,415     \$2,675,801,015     \$1,706     \$8.14       Puerto Rico     \$1,608,928,552     \$163,682,125     \$1,445,246,427     \$4,703     \$39,52       Rhode Island     \$490,934,389     \$20,791,520     \$4470,142,869     \$3,532     \$19,50       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$375     \$2,29       South Dakota     \$306,022,776     \$140,134,440     \$166,068,336     \$1,198     \$6,61       Tennessee     \$1,977,986,596     \$393,026,731     \$1,584,959,866     \$1,577     \$9,200       Texas     \$7,115,898,577     \$7,7104,835,898     \$11,062,679     \$2     \$0,02       U.S. Virgin Islands     \$132,000,000     \$992,101     \$131,007,899     \$12,223     \$43,67       Utah     \$994,223,868     \$337,904,866     \$6656,319,001     \$1,097     \$7,16       Vermont     \$325,311,857     \$36,911,505     \$288,400,352     \$3,393     \$16,51	Oklahoma	\$1,231,491,865	\$411,978,738	\$819,513,127	\$1,241	\$7.04
Pennsylvania\$4,609,996,430\$1,934,195,415\$2,675,801,015\$1,706\$8.14Puerto Rico\$1,608,928,552\$163,682,125\$1,445,246,427\$4,703\$39,52Rhode Island\$490,934,389\$20,791,520\$470,142,869\$3,532\$19,50South Carolina\$1,224,472,547\$942,815,180\$281,657,367\$375\$2.29South Dakota\$306,202,776\$140,134,440\$166,068,336\$1,198\$6.61Tennessee\$1,977,986,596\$393,026,731\$1,584,959,866\$1,577\$9.20Texas\$7,115,898,577\$7,104,835,898\$11,062,679\$2\$0.02U.S. Virgin Islands\$132,000,000\$992,101\$131,007,899\$12,223\$43.67Utah\$994,223,868\$337,904,866\$656,319,001\$1,097\$7.16Vermont\$325,311,857\$36,911,505\$288,400,352\$3,393\$16.51Virginia\$2,582,653,676\$604,135,479\$1,978,518,197\$1,535\$9.84Washington\$2,575,697,455\$1,653,740,499\$921,956,957\$821\$6.06West Virginia\$509,800,312\$200,755,220\$309,045,092\$1,153\$7.35Wisconsin\$1,883,908,810\$694,462,917\$1,189,445,893\$1,399\$6.67Wyoming\$338,944,000\$242,393,093\$96,550,907\$1.030\$1.030	Oregon	\$1,671,323,232	\$651,059,029	\$1,020,264,203	\$1,757	\$9.77
Puerto Rico     \$1,608,928,552     \$163,682,125     \$1,445,246,427     \$4,703     \$39,52       Rhode Island     \$490,934,389     \$20,791,520     \$470,142,869     \$3,532     \$19,50       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$375     \$2.29       South Dakota     \$306,202,776     \$140,134,440     \$166,068,336     \$1,198     \$6.61       Tennessee     \$1,977,986,596     \$393,026,731     \$1,584,959,866     \$1,577     \$9.20       Texas     \$7,115,898,577     \$7,104,835,898     \$11,062,679     \$2     \$0.02       U.S. Virgin Islands     \$132,000,000     \$992,101     \$131,007,899     \$12,223     \$43.67       Utah     \$994,223,868     \$337,904,866     \$656,319,001     \$1,097     \$7.16       Vermont     \$52,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35	Pennsylvania	\$4,609,996,430	\$1,934,195,415	\$2,675,801,015	\$1,706	\$8.14
Rhode Island     \$490,934,389     \$20,791,520     \$470,142,869     \$3,532     \$19.50       South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$375     \$2.29       South Dakota     \$306,202,776     \$140,134,440     \$166,068,336     \$1,198     \$6.61       Tennessee     \$1,977,986,596     \$393,026,731     \$1,584,959,866     \$1,577     \$9.20       Texas     \$7,115,898,577     \$7,104,835,898     \$11,062,679     \$2     \$0.02       U.S. Virgin Islands     \$132,000,000     \$992,101     \$131,007,899     \$12,223     \$43.67       Utah     \$994,223,868     \$337,904,866     \$656,319,001     \$1,097     \$7.16       Vermont     \$325,311,857     \$36,911,505     \$288,400,352     \$3,393     \$16.51       Virginia     \$2,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35	Puerto Rico	\$1,608,928,552	\$163,682,125	\$1,445,246,427	\$4,703	\$39.52
South Carolina     \$1,224,472,547     \$942,815,180     \$281,657,367     \$375     \$2.29       South Dakota     \$306,202,776     \$140,134,440     \$166,068,336     \$1,198     \$6.61       Tennessee     \$1,977,986,596     \$393,026,731     \$1,584,959,866     \$1,577     \$9.20       Texas     \$7,115,898,577     \$7,104,835,898     \$11,062,679     \$2     \$0.02       U.S. Virgin Islands     \$132,000,000     \$992,101     \$131,007,899     \$12,223     \$43.67       Utah     \$994,223,868     \$337,904,866     \$656,319,001     \$1,097     \$7.16       Vermont     \$325,311,857     \$36,911,505     \$288,400,352     \$3,393     \$16.51       Virginia     \$2,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67	Rhode Island	\$490,934,389	\$20,791,520	\$470,142,869	\$3,532	\$19.50
South Dakota\$306,202,776\$140,134,440\$166,068,336\$1,198\$6.61Tennessee\$1,977,986,596\$393,026,731\$1,584,959,866\$1,577\$9.20Texas\$7,115,898,577\$7,104,835,898\$11,062,679\$2\$0.02U.S. Virgin Islands\$132,000,000\$992,101\$131,007,899\$12,223\$43.67Utah\$994,223,868\$337,904,866\$656,319,001\$1,097\$7.16Vermont\$325,311,857\$36,911,505\$288,400,352\$3,393\$16.51Virginia\$2,582,653,676\$604,135,479\$1,978,518,197\$1,535\$9.84Washington\$2,575,697,455\$1,653,740,499\$921,956,957\$821\$6.06West Virginia\$509,800,312\$200,755,220\$309,045,092\$1,153\$7.35Wisconsin\$1,883,908,810\$694,462,917\$1,189,445,893\$1,399\$6.67Wyoming\$338,944,000\$242,393,093\$96,550,907\$10.30\$3.77	South Carolina	\$1,224,472,547	\$942,815,180	\$281,657,367	\$375	\$2.29
Tennessee     \$1,977,986,596     \$393,026,731     \$1,584,959,866     \$1,577     \$9.20       Texas     \$7,115,898,577     \$7,104,835,898     \$11,062,679     \$2     \$0.02       U.S. Virgin Islands     \$132,000,000     \$992,101     \$131,007,899     \$12,223     \$43.67       Utah     \$994,223,868     \$337,904,866     \$656,319,001     \$1,097     \$7.16       Vermont     \$325,311,857     \$36,911,505     \$288,400,352     \$3,393     \$16.51       Virginia     \$2,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyming     \$338,944,000     \$242,393,093     \$96,550,907     \$10.30     \$3.77	South Dakota	\$306,202,776	\$140,134,440	\$166,068,336	\$1,198	\$6.61
Texas     \$7,115,898,577     \$7,104,835,898     \$11,062,679     \$2     \$0.02       U.S. Virgin Islands     \$132,000,000     \$992,101     \$131,007,899     \$12,223     \$43.67       Utah     \$994,223,868     \$337,904,866     \$656,319,001     \$1,097     \$7.16       Vermont     \$325,311,857     \$36,911,505     \$288,400,352     \$3,393     \$16.51       Virginia     \$2,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyoming     \$338,944,000     \$242,393,093     \$96,550,907     \$1.030     \$3.77	Tennessee	\$1,977,986,596	\$393,026,731	\$1,584,959,866	\$1,577	\$9.20
U.S. Virgin Islands     \$132,000,000     \$992,101     \$131,007,899     \$12,223     \$43.67       Utah     \$994,223,868     \$337,904,866     \$656,319,001     \$1,097     \$7.16       Vermont     \$325,311,857     \$36,911,505     \$288,400,352     \$3,393     \$16.51       Virginia     \$2,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyoming     \$338,944,000     \$242,393,093     \$96,550,907     \$1,030     \$3.77	Texas	\$7,115,898,577	\$7,104,835,898	\$11,062,679	\$2	\$0.02
Utah     \$994,223,868     \$337,904,866     \$656,319,001     \$1,097     \$7.16       Vermont     \$325,311,857     \$36,911,505     \$288,400,352     \$3,393     \$16.51       Virginia     \$2,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyoming     \$338,944,000     \$242,393,093     \$96,550,907     \$1.030     \$3.77	U.S. Virgin Islands	\$132,000,000	\$992,101	\$131,007,899	\$12,223	\$43.67
Vermont     \$325,311,857     \$36,911,505     \$288,400,352     \$3,393     \$16.51       Virginia     \$2,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyoming     \$338,944,000     \$242,393,093     \$96,550,907     \$1,030     \$3.77	Utah	\$994,223,868	\$337,904,866	\$656,319,001	\$1,097	\$7.16
Virginia     \$2,582,653,676     \$604,135,479     \$1,978,518,197     \$1,535     \$9.84       Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyoming     \$338,944,000     \$242,393,093     \$96,550,907     \$1,030     \$3.77	Vermont	\$325,311,857	\$36,911,505	\$288,400,352	\$3,393	\$16.51
Washington     \$2,575,697,455     \$1,653,740,499     \$921,956,957     \$821     \$6.06       West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyoming     \$338,944,000     \$242,393,093     \$96,550,907     \$1,030     \$3.77	Virginia	\$2,582,653,676	\$604,135,479	\$1,978,518,197	\$1,535	\$9.84
West Virginia     \$509,800,312     \$200,755,220     \$309,045,092     \$1,153     \$7.35       Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyoming     \$338,944,000     \$242,393,093     \$96,550,907     \$1,030     \$3.77	Washington	\$2,575,697,455	\$1,653,740,499	\$921,956,957	\$821	\$6.06
Wisconsin     \$1,883,908,810     \$694,462,917     \$1,189,445,893     \$1,399     \$6.67       Wyoming     \$338,944,000     \$242,393,093     \$96,550,907     \$1,030     \$3.77	West Virginia	\$509,800,312	\$200,755,220	\$309,045,092	\$1,153	\$7.35
Wyoming \$358,944,000 \$242,393,093 \$96,550,907 \$1,030 \$3.77	Wisconsin	\$1,883,908,810	\$694,462,917	\$1,189,445,893	\$1,399	\$6.67
	Wyoming	\$338,944,000	\$242,393,093	\$96,550,907	\$1,030	\$3.77

States & District by Economically Disadvantaged Students	PK-12 Students 2017-18	Economically Disadvantaged Students 2017-18	% Economically Disadvantaged Students	American Indian/Alaska Native Students	Asian, Native Hawaiian, and Pacific Islander Students	Black or African American Students
Alabama	742,199	414,253	59%	6,931	11,623	243,546
Low	91,430	20,769	21%	247	4,301	14,964
Medium	407,709	214,331	54%	4,151	4,136	90,823
High	243,060	179,153	76%	2,533	3,186	137,759
Alaska	132,872	59,175	52%	30,415	11,699	3,866
Low	29,633	6,782	12%	4,031	1,388	889
Medium	87,435	38,158	47%	11,950	10,257	2,944
High	15,804	14,235	89%	14,434	54	33
Arizona	914,934	490,745	56%	45,644	24,657	47,693
Low	230,658	58,124	10%	3,998	11,704	11,428
Medium	375,304	188,833	52%	15,581	8,348	17,663
High	308,972	243,788	80%	26,065	4,605	18,602
Arkansas	479,350	270,479	62%	3,049	11,423	94,996
Low	45,439	11,156	27%	495	1,828	3,518
Medium	238,435	120,668	52%	1,473	3,834	36,707
High	195,476	138,655	73%	1,081	5,761	54,771
California	6,124,104	3,683,568	57%	31,824	744,201	335,423
Low	917,160	184,125	18%	2,756	231,454	20,532
Medium	2,081,276	1,045,043	50%	12,643	282,559	95,008
High	3,125,668	2,454,400	80%	16,425	230,188	219,883
Colorado	892,346	372,032	48%	6,355	30,614	40,928
Low	420,933	100,683	22%	2,312	18,253	11,834
Medium	271,872	130,355	49%	2,417	5,674	6,914
High	199,541	140,994	74%	1,626	6,687	22,180
Connecticut	494,842	175,192	25%	1,287	26,722	58,131
Low	249,629	33,320	15%	502	16,279	7,341
Medium	167,192	84,360	47%	501	7,935	34,118
Hiah	78.021	57.512	74%	284	2.508	16.672
Delaware	120,709	43.063	35%	471	4.273	35.600
Low	48.318	12.322	24%	189	1.892	13,579
Medium	72.391	30.741	44%	282	2.381	22.021
District of Col.	47.634	20.450	43%	67	1.075	28.441
Medium	47.634	20,450	43%	67	1.075	28,441
Florida	2.819.101	1.617.155	57%	8.464	82.009	623.961
Low	45.027	8.644	14%	64	1.898	3.248
Medium	2,255,617	1,261,299	55%	7 500	73 738	521 352
High	518 457	347 212	72%	900	6.373	99.361
Georgia	1 733 079	1 053 362	71%	3 351	73 634	634 509
Low	173 769	41 752	22%	476	13 593	32 227
Medium	860 876	443 350	52%	1 613	44 701	258 563
High	680 /3/	568,260	86%	1.262	15 250	343 710
nign	009,434	500,200	00 /0	1,202	15,250	545,719

States & District by Economically Disadvantaged Students	PK-12 Students 2017-18	Economically Disadvantaged Students 2017-18	% Economically Disadvantaged Students	American Indian/Alaska Native Students	Asian, Native Hawaiian, and Pacific Islander Students	Black or African American Students
Hawaii	180,837	85,219	47%	443	103,433	3,103
Medium	180,837	85,219	47%	443	103,433	3,103
Idaho	282,766	126,524	50%	3,242	4,319	3,081
Low	48,300	11,954	22%	274	1,153	697
Medium	215,985	99,152	48%	2,240	3,090	2,310
High	18,481	15,418	77%	728	76	74
Illinois	1,981,999	978,735	44%	5,535	102,786	331,647
Low	649,735	121,454	19%	1,442	56,464	31,569
Medium	701,060	348,526	48%	1,921	27,494	74,742
High	631,204	508,755	80%	2,172	18,828	225,336
Indiana	1,005,947	489,921	48%	1,979	25,583	114,092
Low	240,411	54,412	24%	490	9,601	9,760
Medium	510,409	250,736	48%	1,031	7,957	26,748
High	255,127	184,773	76%	458	8,025	77,584
lowa	502,878	201,621	37%	1,805	14,033	30,882
Low	200,600	45,831	24%	383	4,793	5,328
Medium	255,118	120,794	45%	1,243	5,357	18,407
High	47,160	34,996	71%	179	3,883	7,147
Kansas	491,326	233,625	47%	4,197	14,861	33,696
Low	138,053	29,383	26%	624	6,279	5,374
Medium	221,222	104,545	49%	2,511	3,674	8,635
High	132,051	99,697	71%	1,062	4,908	19,687
Kentucky	680,806	406,250	63%	839	12,978	71,813
Low	17,558	3,189	13%	26	420	330
Medium	476,682	266,909	56%	641	11,617	61,415
High	186,566	136,152	74%	172	941	10,068
Louisiana	646,716	342,968	57%	4,450	10,900	261,699
Low	31,810	6,282	16%	64	402	3,133
Medium	480,917	238,309	52%	3,996	7,833	180,739
High	133,989	98,377	76%	390	2,665	77,827
Maine	173,038	77,590	46%	1,126	2,791	6,393
Low	42,986	9,146	20%	124	1,034	581
Medium	115,222	57,775	50%	891	1,625	3,738
High	14,830	10,669	76%	111	132	2,074
Maryland	893,284	414,967	48%	2,387	60,123	301,158
Low	295,348	77,911	26%	800	21,472	61,387
Medium	377,343	160,849	48%	1,018	33,596	95,708
High	220,593	176,207	92%	569	5,055	144,063

Appendix	D -	Equity
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States & District by Economically Disadvantaged Students	PK-12 Students 2017-18	Economically Disadvantaged Students 2017-18	% Economically Disadvantaged Students	American Indian/Alaska Native Students	Asian, Native Hawaiian, and Pacific Islander Students	Black or African American Students
Massachusetts	908,467	286,250	24%	1,982	64,250	72,774
Low	535,355	85,597	18%	1,119	39,278	19,008
Medium	311,132	155,812	44%	751	23,626	45,876
High	61,980	44,841	71%	112	1,346	7,890
Michigan	1,325,065	631,016	53%	8,222	45,950	187,304
Low	436,466	98,250	23%	1,156	28,290	24,158
Medium	567,744	281,905	51%	5,494	10,287	39,749
High	320,855	250,861	75%	1,572	7,373	123,397
Minnesota	826,764	297,173	38%	13,347	51,880	82,218
Low	399,054	87,181	24%	1,690	19,592	19,688
Medium	373,799	172,416	45%	7,033	19,613	50,064
High	53,911	37,576	74%	4,624	12,675	12,466
Mississippi	477,113	355,197	81%	1,167	5,456	231,060
Low	234	68	29%	1	31	52
Medium	180,798	95,190	55%	327	3,633	49,846
High	296,081	259,939	89%	839	1,792	181,162
Missouri	885,421	442,822	56%	3,388	20,404	130,285
Low	250,409	53,178	23%	593	10,100	19,064
Medium	430,339	216,643	50%	2,105	7,344	29,115
High	204,673	173,001	81%	690	2,960	82,106
Montana	146,529	64,961	38%	16,304	1,454	1,261
Low	46,421	10,038	12%	3,197	466	385
Medium	77,012	34,998	45%	4,576	703	680
High	23,096	19,925	94%	8,531	285	196
Nebraska	323,391	148,340	42%	4,352	9,367	21,576
Low	89,432	17,812	24%	347	2,492	1,970
Medium	159,142	74,004	46%	1,590	3,251	5,347
High	74,817	56,524	81%	2,415	3,624	14,259
Nevada	447,561	275,234	43%	4,079	30,488	49,364
Low	9,243	2,637	22%	298	214	238
Medium	103,718	47,204	48%	2,523	4,270	1,941
High	334,600	225,393	72%	1,258	26,004	47,185
New Hampshire	170,393	46,007	25%	431	5,698	3,484
Low	107,338	17,229	16%	240	3,027	1,058
Medium	62,987	28,721	43%	191	2,671	2,426
High	68	57	84%	-	-	-
New Jersey	1,320,000	483,223	27%	1,684	140,127	183,282
Low	691,096	92,415	13%	824	99,776	41,159
Medium	353,447	168,650	47%	561	27,709	67,966
High	275,457	222,158	79%	299	12,642	74,157

States & District by Economically Disadvantaged Students	PK-12 Students 2017-18	Economically Disadvantaged Students 2017-18	% Economically Disadvantaged Students	American Indian/Alaska Native Students	Asian, Native Hawaiian, and Pacific Islander Students	Black or African American Students
New Mexico	317,939	235,391	81%	32,751	4,014	6,103
Low	3,711	461	12%	73	156	34
Medium	54,425	28,758	54%	1,589	557	1,469
High	259,803	206,172	92%	31,089	3,301	4,600
New York	2,512,602	1,338,848	40%	17,072	251,711	374,267
Low	671,513	122,208	18%	1,047	53,127	27,291
Medium	625,034	305,184	49%	3,910	16,491	48,258
High	1,216,055	911,456	74%	12,115	182,093	298,718
North Carolina	1,452,109	841,313	67%	18,347	50,030	367,189
Low	226,504	72,776	30%	559	18,027	44,166
Medium	890,124	485,505	53%	3,861	28,274	205,032
High	335,481	283,032	89%	13,927	3,729	117,991
North Dakota	111,719	34,834	35%	9,428	2,077	5,512
Low	83,944	21,545	22%	2,700	1,550	4,630
Medium	23,364	9,191	42%	2,651	516	870
High	4,411	4,098	89%	4,077	11	12
Ohio	1,588,721	688,648	41%	1,857	40,913	228,921
Low	639,519	117,676	20%	696	26,584	48,718
Medium	604,489	274,624	45%	637	8,620	42,251
High	344,713	296,348	86%	524	5,709	137,952
Oklahoma	665,783	410,321	69%	91,680	16,135	55,144
Low	65,733	15,247	23%	4,290	2,542	4,085
Medium	302,717	147,281	53%	38,975	8,182	12,653
High	297,333	247,793	85%	48,415	5,411	38,406
Oregon	567,194	270,124	48%	7,464	27,207	12,956
Low	62,421	13,648	12%	458	2,853	721
Medium	427,939	201,938	51%	4,776	19,625	8,947
High	76,834	54,538	72%	2,230	4,729	3,288
Pennsylvania	1,568,782	729,901	43%	2,328	64,391	188,748
Low	611,956	125,324	22%	736	36,143	24,043
Medium	607,137	280,170	45%	974	13,045	50,023
High	349,689	324,407	89%	618	15,203	114,682
Rhode Island	133,624	60,849	34%	1,013	4,770	10,978
Low	60,280	12,999	19%	296	1,674	1,149
Medium	40,932	20,653	52%	347	1,598	4,857
High	32,412	27,197	80%	370	1,498	4,972
South Carolina	750,411	500,836	82%	2,412	12,855	255,036
Low	22,860	4,836	23%	60	993	2,287
Medium	439,069	239,903	55%	1,382	9,098	114,534
High	288,482	256,097	93%	970	2,764	138,215

States & District by Economically Disadvantaged Students	PK-12 Students 2017-18	Economically Disadvantaged Students 2017-18	% Economically Disadvantaged Students	American Indian/Alaska Native Students	Asian, Native Hawaiian, and Pacific Islander Students	Black or African American Students
South Dakota	137,165	51,386	38%	15,162	2,601	4,406
Low	56,852	13,397	24%	1,949	550	744
Medium	72,653	30,525	43%	6,903	2,039	3,654
High	7,660	7,464	95%	6,310	12	8
Tennessee	1,000,965	297,903	35%	1,648	20,889	219,228
Low	538,975	102,804	24%	938	15,733	83,844
Medium	455,784	189,919	41%	704	5,131	134,046
High	6,206	5,180	80%	6	25	1,338
Texas	5,103,359	2,955,920	58%	19,660	230,062	628,103
Low	889,761	202,592	21%	3,531	96,499	76,606
Medium	1,926,872	961,883	52%	8,731	91,258	223,201
High	2,286,726	1,791,445	77%	7,398	42,305	328,296
Utah	592,601	203,426	41%	6,723	18,794	8,346
Low	344,659	80,133	24%	1,176	7,656	3,238
Medium	232,615	110,462	45%	3,755	10,999	4,874
High	15,327	12,831	82%	1,792	139	234
Vermont	84,334	32,171	45%	127	1,799	1,767
Low	30,427	6,487	23%	41	823	522
Medium	50,526	23,225	47%	84	951	1,193
High	3,381	2,459	76%	2	25	52
Virginia	1,291,239	560,281	54%	3,485	92,337	288,826
Low	421,859	110,220	25%	1,380	61,157	41,422
Medium	659,733	287,920	49%	1,596	27,563	144,881
High	209,647	162,141	79%	509	3,617	102,523
Washington	1,106,546	476,031	48%	13,487	97,327	47,693
Low	335,209	72,147	20%	1,737	40,131	6,456
Medium	656,996	317,592	50%	7,539	54,592	39,291
High	114,341	86,292	78%	4,211	2,604	1,946
West Virginia	272,266	150,276	58%	251	1,929	11,653
Medium	243,183	130,393	56%	239	1,854	10,348
High	29,083	19,883	69%	12	75	1,305
Wisconsin	850,604	313,201	33%	9,587	34,748	74,651
Low	388,230	76,597	20%	1,715	13,288	10,179
Medium	377,303	167,886	44%	6,142	15,982	23,510
High	85,071	68,718	81%	1,730	5,478	40,962
Wyoming	93,647	34,732	39%	3,189	903	1,036
Low	22,039	5,506	25%	186	238	159
Medium	69,953	27,699	41%	1,377	665	877
High	1,655	1,527	93%	1,626	-	-
Grand Total	48,373,081	24,773,509	51%	476,488	2,724,303	7,057,829

States & District by Economically Disadvantaged Students	Hispanic Students	Two or More Races Students	White Students	Average M&O Spending per school FY18 Averaged by District FY18	School Construction Capital Investment Outlay per School Averaged by District FY09-18 (2020\$)
Alabama	58,800	16,619	404,680	\$409,682	\$4,670,695
Low	6,354	2,829	62,735	\$705,189	\$9,374,874
Medium	32,040	10,025	266,534	\$407,670	\$4,968,681
High	20,406	3,765	75,411	\$338,591	\$3,082,053
Alaska	8,868	14,797	63,227	\$445,551	\$3,396,354
Low	1,976	3,844	17,505	\$354,735	\$1,422,275
Medium	6,840	10,413	45,031	\$401,468	\$1,694,529
High	52	540	691	\$560,215	\$6,520,873
Arizona	431,735	26,905	338,300	\$421,338	\$3,211,435
Low	59,020	8,741	135,767	\$249,113	\$2,168,404
Medium	160,799	12,464	160,449	\$492,663	\$4,355,641
High	211,916	5,700	42,084	\$456,115	\$2,964,648
Arkansas	63,020	12,428	294,434	\$408,199	\$3,796,134
Low	4,129	1,832	33,637	\$591,172	\$5,412,142
Medium	26,802	5,705	163,914	\$411,793	\$4,344,860
High	32,089	4,891	96,883	\$391,501	\$3,204,302
California	3,322,510	268,399	1,411,742	\$512,004	\$5,762,126
Low	192,015	70,524	399,879	\$603,109	\$8,514,041
Medium	919,376	114,312	648,832	\$450,515	\$5,142,894
High	2,211,119	83,563	363,031	\$530,802	\$5,160,819
Colorado	299,011	37,431	478,007	\$283,669	\$4,121,397
Low	83,803	20,156	284,575	\$352,085	\$4,134,813
Medium	98,848	10,163	147,856	\$258,506	\$3,565,247
High	116,360	7,112	45,576	\$280,449	\$5,805,908
Connecticut	120,060	16,322	272,320	\$813,164	\$3,907,104
Low	23,061	7,843	194,603	\$826,830	\$2,963,760
Medium	56,628	5,827	62,183	\$732,625	\$6,037,722
High	40,371	2,652	15,534	\$932,273	\$8,028,675
Delaware	21,867	4,679	53,819	\$1,081,314	\$16,044,659
Low	5,044	1,697	25,917	\$1,362,356	\$20,504,969
Medium	16,823	2,982	27,902	\$828,376	\$12,030,380
District of Col.	9,815	1,127	7,109	\$667,470	\$35,649,279
Medium	9,815	1,127	7,109	\$667,470	\$35,649,279
Florida	934,923	98,578	1,071,166	\$454,032	\$4,052,178
Low	5,841	1,265	32,711	\$559,464	\$4,143,318
Medium	624,391	89,699	938,937	\$473,685	\$4,502,944
High	304,691	7,614	99,518	\$380,668	\$2,660,315
Georgia	273,008	63,068	685,509	\$502,013	\$7,258,860
Low	20,773	6,970	99,730	\$568,481	\$10,137,574
Medium	155,528	34,346	375,035	\$557,479	\$7,735,307
Hiah	96,707	21.752	210,744	\$466,121	\$6,719,771

States & District by Economically Disadvantaged Students	Hispanic Students	Two or More Races Students	White Students	Average M&O Spending per school FY18 Averaged by District FY18	School Construction Capital Investment Outlay per School Averaged by District FY09-18 (2020\$)
Hawaii	25,721	26,049	22,088	\$944,091	\$5,669,968
Medium	25,721	26,049	22,088	\$944,091	\$5,669,968
Idaho	52,598	7,581	211,945	\$225,698	\$807,729
Low	4,636	1,844	39,696	\$186,661	\$787,477
Medium	38,975	5,384	163,986	\$236,635	\$837,614
High	8,987	353	8,263	\$205,024	\$684,019
Illinois	519,987	69,228	952,816	\$616,728	\$5,692,499
Low	86,024	24,289	449,947	\$924,781	\$8,687,419
Medium	160,209	29,281	407,413	\$466,629	\$4,397,648
High	273,754	15,658	95,456	\$496,584	\$3,951,337
Indiana	119,529	48,879	695,885	\$557,472	\$2,475,926
Low	16,047	9,688	194,825	\$618,083	\$2,704,889
Medium	44,461	21,475	408,737	\$518,153	\$2,361,976
High	59,021	17,716	92,323	\$688,155	\$2,780,312
lowa	54,444	20,036	381,678	\$285,054	\$4,657,048
Low	9,624	6,594	173,878	\$294,956	\$5,699,380
Medium	28,822	10,996	190,293	\$275,446	\$3,951,681
High	15,998	2,446	17,507	\$319,327	\$3,572,713
Kansas	96,461	25,573	315,691	\$293,287	\$3,908,054
Low	13,619	6,027	106,130	\$337,714	\$6,297,144
Medium	28,571	11,660	165,669	\$271,347	\$3,357,264
High	54,271	7,886	43,892	\$358,248	\$3,531,620
Kentucky	45,791	26,508	522,877	\$370,469	\$4,674,075
Low	964	576	15,242	\$581,402	\$9,212,913
Medium	36,994	20,313	345,702	\$379,390	\$4,763,139
High	7,833	5,619	161,933	\$349,625	\$4,342,795
Louisiana	45,135	16,704	307,828	\$556,329	\$6,112,345
Low	1,913	347	25,951	\$954,534	\$5,651,883
Medium	35,843	14,469	238,037	\$545,575	\$6,273,550
High	7,379	1,888	43,840	\$490,804	\$5,897,044
Maine	3,896	4,372	154,460	\$367,459	\$1,152,744
Low	825	950	39,472	\$464,779	\$2,380,798
Medium	2,720	2,972	103,276	\$339,488	\$806,565
High	351	450	11,712	\$324,074	\$565,305
Maryland	155,331	40,737	333,548	\$715,138	\$6,527,616
Low	33,414	17,536	160,739	\$813,648	\$8,394,741
Medium	69,025	20,297	157,699	\$685,823	\$5,554,612
High	52,892	2.904	15,110	\$606.065	\$5,712,374

States & District by Economically Disadvantaged Students	Hispanic Students	Two or More Races Students	White Students	Average M&O Spending per school FY18 Averaged by District FY18	School Construction Capital Investment Outlay per School Averaged by District FY09-18 (2020\$)
Massachusetts	176,233	33,091	559,928	\$848,466	\$2,287,796
Low	33,319	19,543	423,009	\$813,644	\$2,447,066
Medium	107,881	11,440	121,429	\$980,077	\$1,712,664
High	35,033	2,108	15,490	\$746,507	\$2,441,090
Michigan	101,378	51,988	930,223	\$328,427	\$2,284,458
Low	21,513	16,808	344,541	\$433,991	\$3,685,508
Medium	35,560	20,520	456,134	\$312,036	\$2,216,614
High	44,305	14,660	129,548	\$296,740	\$1,565,435
Minnesota	75,990	39,156	564,173	\$280,559	\$5,185,120
Low	22,319	16,371	319,394	\$324,617	\$6,854,747
Medium	44,657	19,457	232,975	\$256,097	\$4,265,602
High	9,014	3,328	11,804	\$231,717	\$3,250,819
Mississippi	17,912	10,245	211,273	\$387,163	\$2,177,260
Low	4	6	140	\$232,667	\$0
Medium	7,398	5,362	114,232	\$444,125	\$3,916,841
High	10,510	4,877	96,901	\$371,895	\$1,688,508
Missouri	54,428	34,997	641,919	\$267,205	\$2,091,428
Low	12,064	10,810	197,778	\$438,708	\$4,696,375
Medium	23,472	17,720	350,583	\$249,113	\$1,998,608
High	18,892	6,467	93,558	\$244,416	\$1,356,759
Montana	6,833	5,356	115,320	\$188,606	\$1,534,538
Low	2,103	1,212	39,058	\$168,715	\$1,961,991
Medium	3,923	3,504	63,625	\$209,702	\$1,184,780
High	807	640	12,637	\$195,722	\$1,151,221
Nebraska	60,795	12,238	215,063	\$234,742	\$2,140,214
Low	5,438	2,461	76,724	\$246,169	\$2,687,488
Medium	24,633	6,502	117,819	\$223,277	\$1,848,303
High	30,724	3,275	20,520	\$311,898	\$2,859,851
Nevada	194,747	27,481	141,402	\$337,941	\$2,913,999
Low	1,959	451	6,083	\$336,200	\$4,677,620
Medium	38,481	5,251	51,252	\$310,292	\$1,676,998
High	154,307	21,779	84,067	\$494,366	\$5,308,454
New Hampshire	9,673	5,611	145,496	\$456,397	\$1,886,658
Low	3,116	3,018	96,879	\$511,083	\$1,795,010
Medium	6,556	2,587	48,556	\$346,699	\$2,111,197
High	1	6	61	\$200,000	\$200,285
New Jersey	366,697	26,553	601,657	\$971,284	\$5,216,378
Low	78,255	16,849	454,233	\$948,114	\$4,767,451
Medium	125,550	7,824	123,837	\$898,639	\$5,533,088
High	162,892	1,880	23,587	\$1,363,282	\$7,604,986

States & District by Economically Disadvantaged Students	Hispanic Students	Two or More Races Students	White Students	Average M&O Spending per school FY18 Averaged by District FY18	School Construction Capital Investment Outlay per School Averaged by District FY09-18 (2020\$)
New Mexico	196,238	6,018	72,815	\$318,828	\$3,746,178
Low	1,214	108	2,126	\$686,042	\$10,164,877
Medium	29,912	1,371	19,527	\$269,812	\$3,663,008
High	165,112	4,539	51,162	\$330,523	\$3,676,858
New York	665,910	61,435	1,142,207	\$833,132	\$7,740,046
Low	80,254	17,350	492,444	\$1,074,210	\$6,655,473
Medium	89,376	21,468	445,531	\$673,039	\$8,260,474
High	496,280	22,617	204,232	\$985,585	\$8,664,591
North Carolina	261,224	61,404	693,915	\$400,398	\$2,387,651
Low	39,403	8,888	115,461	\$483,927	\$3,919,077
Medium	165,587	36,402	450,968	\$413,647	\$2,982,302
High	56,234	16,114	127,486	\$373,407	\$1,447,713
North Dakota	5,526	2,732	86,444	\$188,215	\$2,394,515
Low	4,091	2,386	68,587	\$205,747	\$2,933,973
Medium	1,394	322	17,611	\$159,095	\$2,035,823
High	41	24	246	\$194,771	\$513,984
Ohio	88,178	80,759	1,148,093	\$467,499	\$6,019,979
Low	26,356	26,516	510,649	\$469,943	\$6,063,904
Medium	28,911	27,948	496,122	\$438,112	\$5,714,829
High	32,911	26,295	141,322	\$564,557	\$6,974,390
Oklahoma	111,852	63,981	326,991	\$245,454	\$1,283,234
Low	6,221	5,554	43,041	\$343,325	\$4,367,734
Medium	36,511	30,488	175,908	\$278,168	\$1,688,072
High	69,120	27,939	108,042	\$214,148	\$756,800
Oregon	131,413	34,832	353,322	\$325,783	\$3,433,705
Low	8,304	4,191	45,894	\$222,808	\$2,844,604
Medium	94,385	26,858	273,348	\$353,893	\$3,814,610
High	28,724	3,783	34,080	\$348,984	\$2,941,859
Pennsylvania	171,701	61,302	1,080,312	\$738,078	\$6,461,087
Low	31,781	18,999	500,254	\$828,116	\$8,419,179
Medium	50,913	20,775	471,407	\$666,533	\$5,230,745
High	89,007	21,528	108,651	\$804,183	\$6,526,285
Rhode Island	31,657	5,575	79,631	\$600,321	\$802,543
Low	3,744	1,870	51,547	\$594,808	\$1,095,128
Medium	8,904	2,302	22,924	\$674,555	\$339,505
High	19,009	1,403	5,160	\$430,631	\$247,235
South Carolina	71,437	30,681	377,893	\$561,643	\$6,167,431
Low	1,803	1,029	16,688	\$841,721	\$22,663,166
Medium	50,692	20,004	243,267	\$717,112	\$10,464,632
High	18,942	9,648	117,938	\$496,812	\$4,078,742
States & District by Economically Disadvantaged Students	Hispanic Students	Two or More Races Students	White Students	Average M&O Spending per school FY18 Averaged by District FY18	School Construction Capital Investment Outlay per School Averaged by District FY09-18 (2020\$)
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South Dakota	8,182	5,452	101,362	\$160,886	\$2,140,233
Low	2,227	1,687	49,695	\$164,692	\$2,380,523
Medium	5,783	3,447	50,827	\$150,243	\$1,719,651
High	172	318	840	\$189,976	\$2,778,281
Tennessee	103,111	27,306	628,783	\$369,552	\$2,158,691
Low	58,913	16,828	362,719	\$397,843	\$2,410,078
Medium	44,032	10,369	261,502	\$349,211	\$2,017,199
High	166	109	4,562	\$339,356	\$856,890
Texas	2,650,942	116,803	1,457,789	\$405,170	\$7,096,383
Low	235,684	31,834	445,607	\$450,552	\$12,824,849
Medium	815,444	56,102	732,136	\$375,955	\$6,758,881
High	1,599,814	28,867	280,046	\$430,329	\$5,915,133
Utah	101,292	15,360	442,084	\$336,573	\$4,186,834
Low	43,089	10,601	278,899	\$405,386	\$5,091,190
Medium	51,906	4,391	156,688	\$310,590	\$3,731,545
High	6,297	368	6,497	\$286,515	\$4,515,251
Vermont	1,734	2,996	75,911	\$332,317	\$771,146
Low	707	910	27,424	\$358,765	\$981,404
Medium	965	2,012	45,321	\$344,175	\$760,180
High	62	74	3,166	\$200,784	\$423,353
Virginia	203,039	71,508	632,044	\$534,527	\$1,967,701
Low	84,027	24,104	209,769	\$611,365	\$3,995,196
Medium	96,149	38,281	351,263	\$538,577	\$1,683,222
High	22,863	9,123	71,012	\$486,749	\$1,510,892
Washington	257,402	88,609	602,028	\$347,056	\$4,806,600
Low	42,555	26,645	217,685	\$379,058	\$7,338,455
Medium	144,312	57,461	353,801	\$341,097	\$4,108,899
High	70,535	4,503	30,542	\$323,459	\$3,455,526
West Virginia	4,821	8,379	245,227	\$435,416	\$2,847,215
Medium	4,640	7,725	218,371	\$449,172	\$2,795,134
High	181	654	26,856	\$373,514	\$3,081,582
Wisconsin	100,123	32,275	599,198	\$441,818	\$2,945,852
Low	26,154	12,924	323,968	\$519,540	\$3,683,540
Medium	50,844	16,874	263,932	\$361,139	\$2,187,253
High	23,125	2,477	11,298	\$595,944	\$4,110,857
Wyoming	12,893	2,472	73,154	\$379,808	\$8,339,934
Low	2,534	466	18,456	\$368,499	\$7,254,095
Medium	10,347	2,000	54,687	\$366,776	\$7,929,087
High	12	6	11	\$566,093	\$18,102,583
Grand Total	12,905,871	1,872,615	23.324.786	\$469.732	\$4.330.362

				Local Funds		
	Long Term	Long Term	Interest on	Expended for	State Revenue for	
	Debt \$ at End of	Local Debt per	school system	School Construciton	Capital Outlay or	
State Name	FY2019	18-19 Student	debt FY19	Capital Outlay	Debt Service	
Alabama	\$5.976.798.000	\$8.086	\$177.664.000	\$5.317.471.944	\$2,493,614,830	
Alaska	\$1.125.194.000	\$8.592	\$39.128.000	\$75.098.430	\$1,988,223,893	
American Samoa		ŚO		\$89.410.527	ŚO	
Arizona	\$5,799,618,000	\$6.206	\$223.663.000	\$7.528.163.555	\$480,145,394	
Arkansas	\$4,993,393,000	\$10,476	\$146,691,000	\$3,876,280,029	\$761,508,525	
Bureau of Indian Education		ŚO		\$350,959,180	ŚO	
California	\$82,645,844,000	\$14,519	\$3,145,584,000	\$79,553,541,248	\$14,757,085,854	
Colorado	\$10,537,237,000	\$11,841	\$558,893,000	\$5,045,282,854	\$1,370,024,259	
Connecticut	\$2,900,472,000	\$5,958	\$106,583,000	\$1,092,226,628	\$5,935,518,784	
Delaware	\$612,539,000	\$5,008	\$18,200,000	\$532,324,141	\$1,528,659,399	
District of Columbia	\$0	\$0	\$0	-\$6,172,926	\$0	
Florida	\$13,870,311,000	\$4,906	\$598,455,000	\$12,599,458,184	\$3,695,458,873	
Georgia	\$5,051,364,000	\$2,911	\$224,326,000	\$16,967,536,341	\$3,006,525,137	
Guam		\$0		\$621,094,421	\$0	
Hawaii	\$0	\$0	\$0	-\$4,265,741	\$4,563,948,769	
Idaho	\$1,582,553,000	\$5,471	\$64,394,000	-\$23,958,390	\$0	
Illinois	\$21,755,318,000	\$11,145	\$1,057,797,000	\$23,638,763,063	\$699,363,291	
Indiana	\$10,099,066,000	\$10,082	\$381,101,000	\$6,243,091,269	\$0	
lowa	\$4,267,060,000	\$8,288	\$122,375,000	\$4,455,684,534	\$3,757,690,313	
Kansas	\$6,543,876,000	\$13,154	\$261,186,000	\$5,870,748,964	\$2,128,086,707	
Kentucky	\$6,124,625,000	\$9,038	\$205,559,000	\$4,184,555,999	\$3,465,254,714	
Louisiana	\$3,267,228,000	\$5,118	\$114,681,000	\$8,201,513,964	\$0	
Maine	\$1,290,934,000	\$7,269	\$47,672,000	\$0	\$1,301,797,323	
Maryland	\$5,261,242,000	\$5,869	\$194,409,000	\$7,386,286,147	\$4,158,045,134	
Massachusetts	\$5,556,053,000	\$6,161	\$236,983,000	\$5,050,885,784	\$8,590,773,122	
Michigan	\$18,050,895,000	\$13,779	\$777,622,000	\$11,144,496,691	\$0	
Minnesota	\$12,484,646,000	\$15,162	\$430,081,000	\$12,061,866,286	\$2,180,188,885	
Mississippi	\$2,001,567,000	\$4,267	\$56,023,000	\$2,787,168,905	\$2,830	
Missouri	\$8,046,069,000	\$9,064	\$664,457,000	\$8,753,307,134	\$0	
Montana	\$1,508,222,000	\$10,238	\$48,936,000	\$1,409,362,994	\$0	
Nebraska	\$3,288,535,000	\$10,088	\$110,805,000	\$2,159,560,463	\$0	
Nevada	\$3,829,121,000	\$8,537	\$177,756,000	\$3,702,087,046	\$11,849,393	
New Hampshire	\$994,234,000	\$5,855	\$44,057,000	\$601,402,804	\$632,301,808	
New Jersey	\$6,949,077,000	\$5,166	\$264,843,000	\$8,976,588,138	\$4,133,175,969	
New Mexico	\$2,228,293,000	\$6,989	\$76,527,000	\$4,708,147,049	\$653,122,321	
New York	\$27,637,528,000	\$10,834	\$1,537,324,000	\$23,151,291,289	\$37,102,053,737	
North Carolina	\$8,193,308,000	\$5,688	\$235,855,000	\$10,199,978,435	\$1,115,630,954	
North Dakota	\$925,071,000	\$8,129	\$34,923,000	\$999,765,887	\$64,585,018	
Northern Marianas		\$0		-\$49,431,705	\$0	
Ohio	\$13,772,709,000	\$8,700	\$551,897,000	\$15,761,139,431	\$7,670,771,137	
Oklahoma	\$2,375,109,000	\$3,598	\$55,676,000	\$4,452,305,179	\$4,759,191	
Oregon	\$9,463,532,000	\$16,293	\$466,869,000	\$6,919,943,222	\$260,266,736	
Pennsylvania	\$24,480,099,000	\$15,605	\$943,044,000	\$16,918,995,733	\$4,171,427,373	
Puerto Rico		\$0		\$1,333,179,892	\$0	
Rhode Island	\$960,306,000	\$7,215	\$36,689,000	\$0	\$952,723,373	
South Carolina	\$9,385,784,000	\$12,505	\$361,005,000	\$10,270,113,642	\$91,918,595	
South Dakota	\$1,162,364,000	\$8,384	\$35,501,000	\$1,519,989,457	\$0	
Tennessee	\$6,456,303,000	\$6,424	\$241,855,000	\$4,225,382,788	\$0	
Texas	\$88,065,266,000	\$17,200	\$3,819,510,000	\$70,284,153,167	\$8,472,259,924	
U.S. Virgin Islands		\$0		\$8,590,818	\$0	
Utah	\$3,567,732,000	\$5,961	\$141,240,000	\$3,478,955,793	\$318,255,600	
Vermont	\$330,791,000	\$3,891	\$12,059,000	\$318,073,557	\$64,225,810	
Virginia	\$7,527,000,000	\$5,839	\$206,939,000	\$5,772,749,157	\$898,523,953	
Washington	\$15,066,488,000	\$13,414	\$635,994,000	\$15,748,071,991	\$2,970,674,517	
West Virginia	\$318,895,000	\$1,190	\$11,223,000	\$827,176,182	\$1,010,838,300	
Wisconsin	\$7,469,459,000	\$8,788	\$221,107,000	\$7,636,767,348	\$0	
Wyoming	\$49,650,000	\$530	\$2,037,000	\$0	\$3,202,809,363	
Grand Total	5485 848 778 000	510 033	520 127 198 000	5454 727 158 922	5140 664 089 109	

		FEMA - Total Hazard Mitigation		% Local Funds	% State Funds	Federal share of total sch
		& Public Assistance	Total Federal	of School	of School	construction
State Name	ARRA \$2020	2020¢	(2020¢)	Construction Can Outlay	Construction Capital Outlay	(2020¢)
Alabama	\$26,546,581	\$25,967,635	\$52,514,216	68%	32%	1%
Alaska	\$25,129,586	\$7,387,762	\$32,517,348	4%	95%	2%
American Samoa	\$0	\$1,054,971	\$1,054,971	99%	0%	1%
Arizona	\$101,932,237	\$102,599	\$102,034,836	93%	6%	1%
Arkansas	\$429,337,163	\$60,736,193	\$490,073,357	76%	15%	9%
Bureau of Indian Education	\$0	\$0	\$0	100%	0%	0%
California	\$107,146,009	\$30,753,010	\$137,899,020	84%	16%	0%
Colorado	\$35,886,426	\$1,407,039	\$37,293,465	86%	14%	0%
Connecticut	\$27,433,350	\$956,554	\$28,389,904	15%	84%	0%
Delaware	\$19,401,864	\$229,008	\$19,630,872	29%	71%	1%
District of Columbia	\$2,882,508	\$4,192,833	\$7,075,342	0%	100%	0%
Florida	\$1,288,441,236	\$82,425,298	\$1,370,866,534	78%	16%	6%
Georgia	\$30,912,734	\$1,481,271	\$32,394,005	86%	14%	0%
Guam	\$0	\$204,234	\$204,234	100%	0%	0%
Hawaii	\$341,910	\$4,230,704	\$4,572,614	0%	100%	0%
Idaho	\$7,550,944	\$0	\$7,550,944	99%	0%	1%
Illinois	\$223,202,461	\$1,704,792	\$224,907,253	96%	3%	1%
Indiana	\$303,209,996	\$2,059,864	\$305,269,860	95%	0%	5%
lowa	\$18,076,908	\$31,046,604	\$49,123,512	58%	42%	1%
Kansas	\$23,878,939	\$59,088,357	\$82,967,297	75%	24%	1%
Kentucky	\$123,440,044	\$467,572	\$123,907,616	55%	44%	2%
Louisiana	\$13,107,328	\$150,392,369	\$163,499,697	98%	0%	2%
Maine	\$38,465,227	\$10,402	\$38,475,629	0%	100%	5%
Maryland	\$65,767,996	\$3,137,528	\$68,905,524	68%	31%	1%
Massachusetts	\$3,170,216	\$6,927,784	\$10,098,000	5/%	63%	0%
Michigan	\$50,482,306	\$1,119,038	\$51,601,544 \$35,010,544	100%	0%	0%
Minnesola	\$21,998,854	\$3,917,760	\$23,910,013 \$10,277,200	80%	14%	0%
Mississippi	\$130,907,380	\$41,303,300	\$192,472,740	94%	0%	2%
Montana	\$8,738,275	\$63.602	\$201,320,110 \$8,801,877	99%	0%	1%
Nebraska	\$45,203,722	\$4 287017	\$49,490,739	99%	0%	1%
Nevada	\$10,688,886	\$661,000	\$11,349,886	99%	0%	0%
New Hampshire	\$2,376,687	\$159133	\$2 535 820	49%	51%	0%
New Jersev	\$59.315.006	\$5,755,571	\$65.070.577	68%	31%	0%
New Mexico	\$20,973,014	\$92,276	\$21,065,291	87%	12%	0%
New York	\$44,283,987	\$412,803,308	\$457,087,296	38%	61%	1%
North Carolina	\$44,009,021	\$31,751,049	\$75,760,070	90%	10%	1%
North Dakota	\$2,471,147	\$40,539,520	\$43,010,667	95%	3%	2%
Northern Marianas	\$0	\$62,896,859	\$62,896,859	-367%	0%	467%
Ohio	\$128,738,850	\$310,901	\$129,049,751	67%	33%	1%
Oklahoma	\$58,168,215	\$26,746,610	\$84,914,824	98%	0%	2%
Oregon	\$15,117,655	\$5,399,673	\$20,517,327	97%	3%	0%
Pennsylvania	\$174,946,269	\$10,780,192	\$185,726,461	80%	20%	1%
Puerto Rico	\$0	\$303,641,361	\$303,641,361	81%	0%	19%
Rhode Island	\$21,533,937	\$525,736	\$22,059,672	0%	100%	10%
South Carolina	\$17,444,897	\$2,999,074	\$20,443,971	99%	1%	0%
South Dakota	\$28,422,321	\$470,967	\$28,893,288	99%	0%	1%
Tennessee	\$121,168,258	\$6,663,613	\$127,831,871	98%	0%	2%
Texas	\$418,109,705	\$301,/92,636	\$719,902,341	90%	9%	1%
U.S. Virgin Islands	\$0	\$2,522,290	\$2,322,290	/9%	U%	21%
Utan	\$56,496,073	\$3,/35,8//	\$60,231,950	94%	5%	1%
Virginia	\$23,005,319	\$/21,869	\$23,727,188	/8%	10%	b%
Washington	\$200,447,889	\$38,458,871	\$Z38,906,760	07%	17%	5%
Washington	\$7,007,094	¢Z,0U7,554	\$10,215,028 \$770,202,074	0/% 7%	15%	179/
Wisconsin	\$20,403,907 \$171,500	/2/,00/,02/ د/ 2 تور دې	3370,292,934 ¢3 201 710	100%	40%	1/%
Wyoming	\$18,844,407	ېد,۲۰۵٫۷4۲ ۲۵	\$18,877,42	100%	100%	1%
Grand Total	\$4,755,155,081	\$2,374,303.117	\$7, <u>129,458,198</u>	77%	22%	_1%

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