

Infrastructure Statement

2021-22



Budget Paper No. 3

Circulated by The Hon. Dominic Perrottet MP, Treasurer

Acknowledgement of Country

This budget paper was prepared by NSW Treasury on the traditional lands of the Gadigal people of the Eora Nation.

NSW Treasury acknowledges that Aboriginal and Torres Strait Islander peoples are the First Peoples and Traditional Custodians of Australia, and the oldest continuing culture in human history.

We pay respect to Elders past [and](#) present.

We recognise Aboriginal and Torres Strait Islanders' continued custodianship of Country - land, seas and skies.

We celebrate the continuing connection of Aboriginal and Torres Strait Islander peoples to Country, language and culture.

We acknowledge the historical stewardship of Aboriginal and Torres Strait Islander peoples, and the important contribution they make to our communities and economies.

We reflect on the continuing impact of policies of the past and recognise our responsibility to work with and for Aboriginal and Torres Strait Islander peoples, families and communities, towards better economic, social and cultural outcomes.

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ABOUT THIS BUDGET PAPER

Purpose and scope

Budget Paper No. 3 *Infrastructure Statement* provides information on the Government's infrastructure investment program. The objectives of this budget paper are to:

- present a clear report on the State's planned capital program covering new works and works in progress
- explain how resources have been allocated in the current budget and the forward estimates for both the general government and public non-financial corporation sectors
- explain how infrastructure investment supports the Government's priorities and service delivery objectives, including the underlying policies and strategies.

This Budget Paper includes the infrastructure investment of agencies that are material to the general government and public non-financial corporation sectors. Budget Paper No. 1 *Budget Statement*, includes an overview of agency classifications by sector. A more detailed glossary is included in *How to Read the Budget Papers*.

The capital projects listed in this *Infrastructure Statement* can be accessed online at <https://www.budget.nsw.gov.au/my-budget> with sorting functionality and a geospatial presentation available.

Structure of Budget Paper No. 3

Chapter	Description
1. Overview	Chapter 1 summarises the State's capital investment across the budget and forward estimates and explains the funding arrangements. It reports the value of the State's physical assets at an aggregate level and maintenance expenditure by the government sector.
2. Building New South Wales for today and for the future	Chapter 2 presents key infrastructure projects in delivery and projects that are under development.
3. Infrastructure in place and delivering for New South Wales	Chapter 3 details key infrastructure projects that have been delivered.
4. The Restart NSW Fund	Chapter 4 presents the State's infrastructure commitments and reservations funded from the Restart NSW Fund, including investment themes, funding sources and governance arrangements.
5. General Government (GG) Sector Projects	Chapter 5 lists major capital projects and minor works for each general government agency, grouped by cluster. Project level information is treated as commercial-in-confidence for some parts of the sector and is not reported in detail.
6. Public Non-Financial Corporations (PNFC) Projects	Chapter 6 lists major capital projects and minor works for each public non-financial corporation, grouped by industry sector. Project level information is treated as commercial-in-confidence for some parts of the sector and is not reported in detail.

Agency disclosures

Capital program definitions

Program	Definition
Major Works	Projects with an estimated total cost of \$250,000 or above, split into new projects (approved to begin in 2021-22) and works in progress (commenced before 2021-22 but not yet completed).
Minor Works	Projects with an estimated total cost below \$250,000, such as minor plant and equipment or annual provisions for replacements.
Leases	Projects related to accounting standard <i>AASB 16 Leases</i> .

Project level information

Item	Description
Project description	Name of the capital project.
Location	The location where the infrastructure/project/asset will be built. 'Various' is noted for projects occurring across multiple locations.
Start	The calendar year when construction began or will begin. For planning works, it is the year that planning appraisals and related activities began or will begin.
Complete	The project's expected calendar year of completion.
Estimated total cost (ETC)	The current cost estimate of planning, procuring and delivering the infrastructure/project/asset. The ETC is the complete project cost which can include funding in prior years and outside of the forward year estimates. The ETC may change as more detailed planning is undertaken and further information on market conditions becomes available. Large infrastructure acquisitions may be split into several projects, including planning, land acquisition and stages of construction. Due to commercial sensitivities, the ETC for some major works is not included.
Capital allocation 2021-22	The amount of projected expenditure in the 2021-22 Budget.

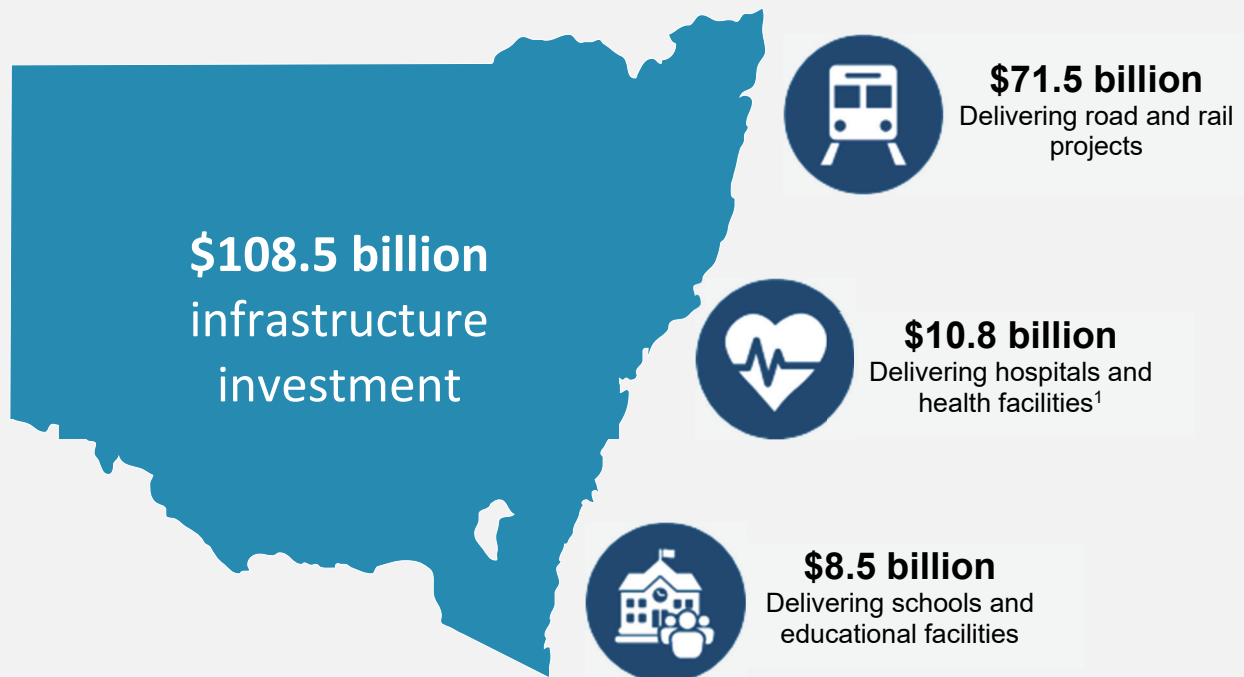
Notes

- The budget year refers to 2021-22, while the forward estimates period refers to 2022-23, 2023-24 and 2024-25. 'Four years' refers to the period 2021-22 to 2024-25 unless otherwise stated.
- Aggregated numbers are reported on an eliminated basis. Individual agency reporting is done on an uneliminated basis unless otherwise stated.
- Figures in tables, charts and text have been rounded. Discrepancies between totals and the sum of components reflect rounding:
 - estimates under \$100,000 are rounded to the nearest thousand
 - estimates midway between rounding points are rounded up
 - percentages are based on the underlying unrounded values.
- Capital profiles may differ between Budget Paper 2 and Budget Paper 3 due to differences in time periods described.
- For the budget balance, a negative sign indicates a deficit while no sign indicates a surplus.
- One billion equals one thousand million.
- The following notations are used:
 - n.a. means data is not available or is not disclosed for commercial reasons
 - N/A means not applicable
 - no. means number
 - TBC means to be confirmed
 - 0 means not zero, but rounded to zero
 - ... means zero
 - thous means thousand
 - \$m means millions of dollars
 - \$b means billions of dollars
 - () means a negative number when enclosing a number in a table
- Unless otherwise indicated, the data source for tables and charts is NSW Treasury.

1. OVERVIEW

The 2021-22 Budget provides for a new record \$108.5 billion infrastructure commitment over four years to drive economic growth, boost productive capacity and enable innovation.

The record infrastructure program is focused on investing for continued growth beyond the recovery, making the best services even better and transforming our communities by elevating New South Wales' natural and cultural treasures.



Funding has been allocated to projects that will transform local communities, including a record investment in schools and hospitals, the new Bradfield City Centre and continued investment in transport networks.

The Government is continuing to invest heavily across regional New South Wales, with new infrastructure to support jobs growth, the delivery of vital public services and the ability to manage and respond to natural disasters and events.

This significant infrastructure investment will ensure New South Wales is well positioned to rebound from the COVID-19 pandemic and can respond with agility to the challenges of today and tomorrow.

¹ Health Capital Expenditure includes capital expensing amounts. Further information is provided at footnote c) of Table 1.2.

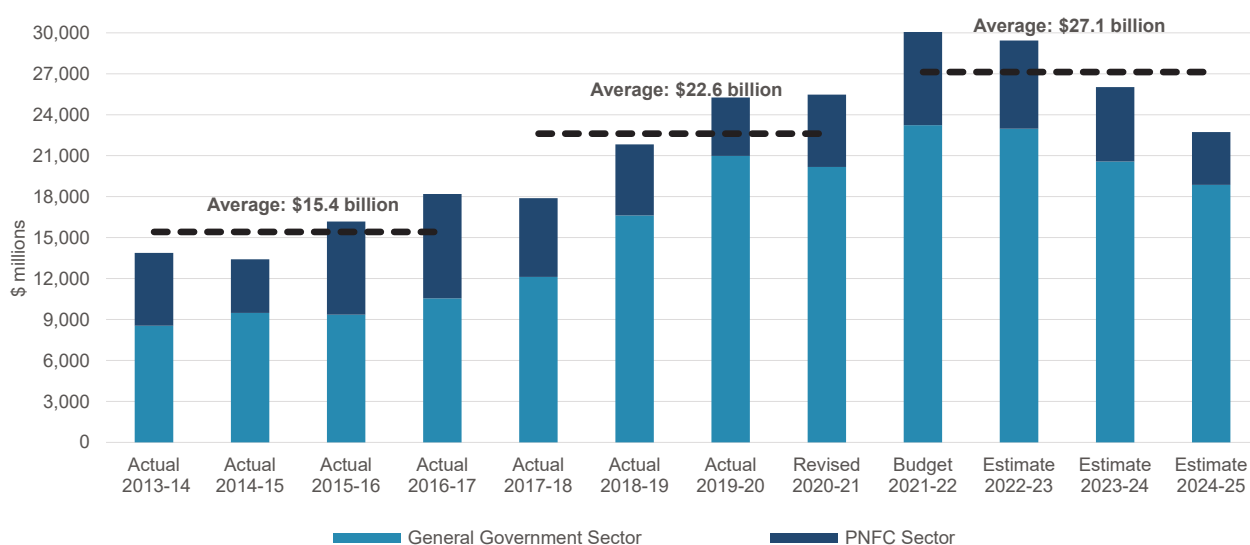
1.1 The Government's infrastructure program driving a better state

The people of New South Wales demonstrated incredible resilience during recent challenges including the COVID-19 pandemic, bushfires, drought and flood. The 2020-21 Budget contained significant investment in stimulus projects, including the \$3.0 billion Jobs and Infrastructure Acceleration Fund, which continues to support economic recovery. The 2021-22 Budget continues the Government's investment in world class infrastructure to ensure the State and its residents are prepared for future challenges and opportunities.

The Government's infrastructure program continues to support the community with modern, efficient and reliable assets. Infrastructure is the backbone of the economy – transport connects workers to their jobs, schools shape the leaders of the future, hospitals support a healthy population, water infrastructure is critical for communities and digital technologies shape how people connect.

The Budget commits \$108.5 billion over the four years to 2024-25 to the Government's infrastructure program. The average infrastructure investment of \$27.1 billion per annum over four years is 1.3 per cent higher than the average four-year investment of \$26.8 billion announced in the 2020-21 Budget, and nearly double the average four-year investment of \$15.4 billion from 2013-14 to 2016-17. Chart 1.1 shows the projected growth in the State's capital program from 2013-14 to 2024-25.

Chart 1.1: Infrastructure program from 2013-14 to 2024-25



This commitment maintains the Government's record level of infrastructure investment, with \$153.9 billion invested from 2011-12 to 2019-20. The benefits of this infrastructure pipeline continue to be realised and enjoyed by the people of New South Wales, with many projects across all clusters now complete. Further information on how the Government's infrastructure program is benefiting residents is provided in Box 1.1.

Box 1.1: Improving wellbeing through our record infrastructure investment

More than 170 health capital projects and over 160 new and upgraded schools have been delivered since 2011 as part of a record infrastructure investment by the Government. Many projects are now complete and benefitting local communities by supporting the provision of quality services, improving the capacity of the transport network and growing the economy by keeping people healthy and connected.

Examples of key projects the Government has delivered since 2011 include:

- the Pacific Highway Upgrade from Woolgoolga to Ballina. The 155-kilometre upgrade is the final link in the 657-kilometre Pacific Highway upgrade, a Commonwealth and NSW Government commitment to upgrade the highway to a four-lane divided road between Hexham and the Queensland border. The upgrade means a quicker and safer journey for local, inter-regional and interstate travellers with a 75 per cent reduction in fatal and injury causing crashes, as well as a reduced travel time of approximately 25 minutes
- the Westmead Hospital Redevelopment Stage 1 and the Sydney Children's Hospital Network Westmead Redevelopment Stage 1 delivered two new emergency departments, one for adults and one for children. This included more than 300 patient rooms and one and a half floors for the University of Sydney to enable greater integration of education, research and health service delivery
- Sydney Metro Northwest delivered 36 kilometres of rail track and allows peak time commuters between Chatswood and Rouse Hill to access a train service every four minutes. The project provided eight new railway stations, 4,000 commuter car parking spaces, a major Metro train stabling facility and rail bridges to minimise disruption to the community
- Arthur Phillip High School and Parramatta Public School to accommodate 3,000 students and provide readily accessible and flexible facilities to meet the demands of an evolving curriculum in line with innovative learning principles
- Western Sydney Stadium set a new standard for sports fans with 30,000 undercover seats, big screens and modern technology. Featuring the steepest grandstands in Australia, the stadium creates an unparalleled live event experience
- the Wentworth to Broken Hill pipeline is a major piece of public infrastructure supplying up to 37.4 megalitres of water per day to Broken Hill and surrounding communities. The 270-kilometre pipeline runs from the River Murray near Wentworth to Broken Hill, providing local residents with a reliable supply of water.

Infrastructure investment is a key component in achieving State Outcomes, supporting the provision of Government services and improving the lives of NSW residents. Further information on how infrastructure contributes to the delivery of State Outcomes is provided in *Budget Paper No.2 – Outcomes Statement*.

The Government's successful asset recycling strategy and strong economic credentials have been an integral and innovative building block for consistent record infrastructure investment. The Government is continuing to investigate asset recycling opportunities, including the WestConnex transaction and the finalisation of the Lotteries Scoping Study. Further information on the Government's asset recycling strategy is provided in Section 1.3 of this *Infrastructure Statement* and also in Chapter 3 of *Budget Paper No. 1 – Budget Statement*.

The everyday lives of NSW residents are being improved through the wide range of projects being delivered as part of the Government's infrastructure program, including:²

\$71.5 billion for public transport and roads, including:

- \$12.0 billion over the next four years for Sydney Metro West
- \$3.1 billion over the next four years for More Trains, More Services
- \$2.7 billion over the next four years for the M6 Extension Stage 1
- \$2.0 billion over the next four years for the Great Western Highway Upgrade
- \$872.6 million over the next four years for the Newell Highway
- \$329.1 million over the next four years for the Princes Highway Upgrade, including the Albion Park Rail Bypass, construction of the new Nowra Bridge and the Berry to Bomaderry Upgrade

\$10.8 billion for health infrastructure³ to plan and deliver new and upgraded hospital builds, including:

- \$1.3 billion for the Bankstown-Lidcombe Hospital and Community Health Services Redevelopment
- \$835.0 million for the John Hunter Health and Innovation Precinct and car park
- \$740.0 million for the Liverpool Health and Academic Precinct

\$8.5 billion for education and skills infrastructure, including:

- \$2.1 billion over four years, as part of a total new investment of \$3.3 billion, for new and upgraded schools (see Box 1.2 for more information)
- \$79.6 million over four years for the Institute of Applied Technology for Construction

These projects are complemented by a significant investment across arts and culture, venues, energy, water utilities, emergency services and other important infrastructure to provide vital services for communities and support job creation. Chapter 2 of this *Infrastructure Statement* provides further details on infrastructure projects the Government is delivering.

² The estimated total cost (ETC) of projects identified in this chapter may include prior year expenditure and expenditure beyond the budget and forward estimates.

³ Health Capital Expenditure includes capital expensing amounts. Further information is provided at footnote c) of Table 1.2.

Box 1.2: Schools Infrastructure Investment

The 2021-22 Budget includes a new investment of \$3.3 billion (including \$2.1 billion over the four years to 2024-25) for 44 new and upgraded schools across the state.

This investment will deliver world-class education facilities to foster a safe and holistic teaching and learning environment for both teachers and students. This will be achieved through investing in flexible teaching and learning spaces to enable a wide variety of education practices and support growing student demands with future focused learning principles.

Schools Infrastructure NSW, a specialist unit established within the Department of Education, will oversee the delivery of the program across metropolitan and regional areas.

New funding of \$3.3 billion has been allocated for new and upgraded schools including:

- Macquarie Park Education Campus
- Rydalmere Education Campus
- Liverpool Boys and Girls High School
- the new high school in Marsden Park
- Bomaderry High School Upgrade
- Yanco Agricultural High School Upgrade
- Wee Waa High School
- South West Sydney, new selective high school
- the new high school in Edmondson Park
- Oran Park Public School Stage 2

A full list of new and upgraded schools currently being delivered is provided in Box 2.6 of Chapter 2.

Delivering for regional communities

The 2021-22 Budget includes a significant infrastructure investment for regional New South Wales, including the construction of new and upgraded hospitals, schools and roads. These investments respond to the many challenges that confront the people and towns of regional New South Wales, including drought, bushfires, floods and the COVID-19 pandemic.

Significant regional projects include:

- the Coffs Harbour Bypass: \$1.2 billion over the next four years to continue the joint State and Commonwealth funded Coffs Harbour Bypass as part of the Pacific Highway Upgrade program to improve connectivity, road transport efficiency and safety for local and interstate motorists
- the Goulburn Hospital Redevelopment: \$165.0 million for the construction of a new four-storey clinical services building to integrate and consolidate most health services into one location, improving accessibility for the local community to a range of a health services
- the Wagga Wagga Special Activation Precinct: \$150.6 million to develop a 4,500-hectare precinct supporting up to 6,000 jobs across a range of industries including renewables, recycling, advanced manufacturing, value-added agriculture and freight and logistics
- Showcasing our National Parks: \$80.4 million over three years for signature walking experiences, including the Great Southern Walk in the Illawarra, with a range of dedicated accommodation options, making natural and cultural heritage assets in NSW national parks a must-see destination for local national and international visitors
- the Moree Hospital Redevelopment: \$80.0 million for the construction of a culturally welcoming, contemporary health facility that will deliver better health outcomes for the Northern Tablelands community
- Goulburn Police Academy upgrade: \$60.0 million to upgrade the Goulburn Police Academy to incorporate contemporary technology and training facilities and refurbish student accommodation and classrooms
- new investment in regional schools including Wee Waa High School Upgrade and Yanco Agricultural High School Upgrade, and a continued investment in the Murwillumbah Education Campus.

The Government has also committed to invest 30 per cent of the \$37.4 billion Restart NSW Fund (forecast as at 30 June 2021) in regional infrastructure over the life of the fund. This is in addition to the \$4.2 billion from the Snowy Hydro Legacy Fund which is delivering major transformative infrastructure projects across regional New South Wales. For more information see the *Regional NSW* budget publication.

1.2 Infrastructure supporting the economy and productivity

The Government is delivering a record infrastructure pipeline to support the economic recovery following the COVID-19 pandemic, while also building the New South Wales of tomorrow where residents can continue to enjoy world-class service delivery.

Consecutive years of record investment and strong strategic planning means that the Government is uniquely placed to accelerate infrastructure projects and support jobs (see Box 1.3.)

Box 1.3: Infrastructure supporting the economic recovery

The Government's infrastructure pipeline is supporting much needed jobs across regional and metropolitan New South Wales.

As well as making the State more liveable and its people more productive in the medium- and long-term, investing in infrastructure supports jobs in many trades and locations. Infrastructure projects also support indirect jobs across the full spectrum of industries required to assist the construction supply chain.

The scale of the Government's infrastructure investment is unprecedented and is supporting tens of thousands of jobs each year. The \$108.5 billion infrastructure program also underpins a lift in state and local public investment which is expected to contribute ½ a percentage point to economic growth in 2021-22.

The Government has announced a suite of job-supporting infrastructure initiatives, including:

- the new Bradfield City Centre will be a key driver of economic growth and support up to 200,000 jobs across the Western Parkland City
- the Jobs and Infrastructure Accelerated Fund has invested \$3.0 billion to accelerate over 100 new and existing projects and support up to 20,000 direct and indirect jobs across the State
- the Parkes Special Activation Precinct covers 4,800 hectares and will promote Parkes as a major inland freight and logistics hub while supporting up to 3,000 jobs across a range of industries including freight and logistics, resource recovery, value-added agriculture and renewable energy
- the M6 Extension Stage 1 will connect President Avenue at Kogarah with the WestConnex M8 at Arncliffe via twin four-kilometre tunnels, supporting more than 5,000 jobs, with construction expected to start in early 2022
- the city shaping Sydney Metro West project will improve travel times for commuters from the western suburbs while supporting 10,000 direct and 70,000 indirect jobs
- the Sydney Gateway motorway will connect the WestConnex St Peters Interchange to the Airport and Port Botany Precinct, supporting 1,000 direct and 3,000 indirect jobs
- the Campbelltown Hospital Redevelopment Stage 2 will deliver the expansion of key clinical and support services, integrated and expanded mental health service and enhanced paediatric services for the Macarthur region, while supporting around 700 direct jobs during construction.

Quality infrastructure investment can raise productivity and provide multiple economic and social benefits. Examples of this include:

- world class hospitals and schools to enable high quality health and education services that are the foundation of wellbeing for the community
- quality, smart infrastructure to enable businesses and employment precincts to thrive. The new Bradfield City Centre will provide an economic hub for businesses and jobs of the future. It will connect businesses to the world through the new Western Sydney International (Nancy-Bird Walton) Airport, and to the rest of Sydney through Sydney Metro - Western Sydney Airport and the M12 motorway
- Renewable Energy Zones (REZs) to support industry transition to a more sustainable future. The Government is establishing REZs in regional New South Wales to help replace the State's existing power stations as they approach their scheduled end of operational life. REZs will unlock a significant pipeline of large-scale generation and storage projects to provide more reliable and affordable energy for households, support emissions reduction through a cleaner energy sector and increase regional employment
- digital infrastructure to assist in planning by better visualising future scenarios. The NSW Spatial Digital Twin is creating a full three-dimensional model of the State's physical environment which is capable of recording past conditions and scoping future scenarios. These models will support infrastructure planning and delivery, as well as environmental and natural resource management
- resilient infrastructure to provide for continuity of service in difficult conditions by withstanding disruption. The New Dubbo (River Street) bridge will provide for an additional high-level crossing across the Macquarie River to ease congestion and maintain reliable access through Dubbo during flood events. The bridge will provide 1:100 year flood immunity to ensure access during floods for emergency services, local schools, hospitals and the airport
- lifestyle enabling infrastructure, including cultural, sporting and environment infrastructure, to enrich the way of life for residents and attract visitors to the State. The transformation of the Ultimo Powerhouse Museum, with its emphasis on innovation, design and fashion, will drive the visitor and cultural economy and deliver a rich and diverse experience for visitors, surrounding communities and creative industries alike
- efficient transport networks to produce real and measurable benefits for the community as they go about their daily lives. Since 2012 Transport for NSW has delivered 217 pinch point projects to help ease congestion and provide more consistent travel times for motorists in Sydney. These projects include widening small sections of roads, replacing busy roundabouts with traffic lights and adding extra turning lanes. Based on Transport for NSW estimates, these projects have resulted in \$1.4 billion in realised benefits, including eased congestion and reduced travel times, compared to the \$579.0 million spent⁴.

⁴ Transport for NSW, *Sydney Pinch Point Programs Overview May 2020*

1.3 Our fiscal management

The Government is maintaining record levels of infrastructure investment while upholding a sustainable and responsible approach to fiscal management. The State's balance sheet is being leveraged during a period of very low interest rates to ensure key infrastructure projects are delivered to improve the lives of both current and future residents. This has been enabled by the Government's fiscal strategy which includes:

- continuing management of recurrent expenditure consistent with the *Fiscal Responsibility Act 2012*
- active management of the State's balance sheet, including reinvesting the proceeds of asset recycling into productive infrastructure via the NSW Infrastructure Future Fund (NIFF), allowing the Government to generate additional returns for taxpayers
- whole-of-government prioritisation of infrastructure projects, based on a rigorous project assessment process, to enable a more strategic approach to capital allocation
- the establishment of the NSW Generations Fund (NGF), the State's own sovereign wealth fund, that invests asset recycling proceeds to achieve a competitive return for taxpayers and facilitates infrastructure investment, while supporting a sustainable debt position over the medium term.

The Government uses a comprehensive capital investment framework to inform and evaluate investment decisions. This framework integrates planning, project selection, funding and delivery and is designed to ensure the Government invests in infrastructure projects that provide the greatest benefit at the most efficient cost for the taxpayer.

Infrastructure NSW plays a key role in assisting the Government to identify and prioritise infrastructure projects. It provides independent advice on infrastructure needs and delivery, with a focus on capital investment that brings economic growth and social well-being.

More information on the role of Infrastructure NSW, as well as the project assurance processes the Government utilises, is provided in Section 1.7 of this *Infrastructure Statement*.

Asset recycling strategy

The Government's successful asset recycling strategy continues to play a major role in ensuring the delivery of the infrastructure pipeline. Asset recycling proceeds have been used to accelerate the delivery of key projects including Sydney Metro City and Southwest, the More Trains, More Services program and the Parramatta Light Rail.

Asset recycling proceeds will continue to support the State's balance sheet and new infrastructure investment. Asset recycling proceeds are being invested in a special purpose fund, the NGF, to earn competitive returns for taxpayers, support sustainable debt levels and facilitate investment in world class infrastructure.

For further information on the Government's asset recycling strategy and how it is being used to continue the Government's record infrastructure investment see Chapter 3 of *Budget Paper No. 1 – Budget Statement*.

1.4 Four-year capital program

The Government's capital investment program is forecast to be \$108.5 billion over four years to 2024-25. Table 1.1 provides a reconciliation of capital expenditure between the 2020-21 Budget and the 2021-22 Budget.

Movements in the profile of capital expenditure across years for individual projects are captured at an aggregate level in parameter and other variations. These variations are the result of changes to the cost and timing of infrastructure projects that are largely outside government control. Examples include changes in economic conditions, variations to Commonwealth Government grants, accounting and technical adjustments (including accounting standard changes) and changes to project delivery schedules which may have been adversely impacted by major events such as the COVID-19 pandemic, bushfires and floods.

Table 1.1 shows that capital expenditure has increased from a projected \$25.4 billion in 2020-21 to \$30.4 billion in 2021-22. Key drivers of this increase include initiatives such as the new school infrastructure investment, the Critical Communications Enhancement Program and enabling works for the Bradfield City Centre.

Table 1.1: Capital expenditure reconciliation

	2020-21 Revised \$m	2021-22 Budget \$m	2022-23 \$m	2023-24 Forward Estimates \$m	2024-25 \$m
Capital – 2020-21 Budget	29,146	29,818	25,401	22,722	N/A
Capital measures^(a)	(6)	74	64	59	N/A
Parameter and other variations^(b)	(1,934)	721	507	630	N/A
Capital – 2020-21 Half Yearly Review	27,206	30,613	25,972	23,411	N/A
Capital measures^(a)	204	845	1,738	2,268	1,951
Parameter and other variations^(b)	(1,970)	(1,108)	1,726	350	N/A
Capital – 2021-22 Budget	25,440	30,350	29,435	26,029	22,733

(a) Includes the estimated impact of spending funds committed and reserved in Restart NSW.

(b) Includes timing adjustments related to movements in project delivery schedules.

Breakdown of the capital program

Table 1.2 details the breakdown of capital expenditure by cluster. More than half of the four-year capital program reflects the Government's investment in road and rail infrastructure. The table also highlights the significant infrastructure investment in Health and Education over the four years to 2024-25.

More information on individual agency capital programs is provided in Chapter 5 (general government agencies) and Chapter 6 (public non-financial corporations).

Table 1.2: Non-financial public sector capital spending by cluster^(a)

	2021-22 Budget	2022-23	2023-24 Forward Estimates	2024-25	Four-year total	
	\$m	\$m	\$m	\$m	\$m	%
Transport ^(b)	18,649	20,447	17,304	14,704	71,105	65.5
Health ^(c)	2,943	2,416	2,615	2,211	10,185	9.4
Education and Skills	3,444	1,590	1,657	1,749	8,440	7.8
Stronger Communities	945	666	491	551	2,652	2.4
Premier and Cabinet	1,254	976	741	512	3,483	3.2
Planning, Industry and Environment	995	618	401	249	2,264	2.1
Regional NSW	333	309	57	11	710	0.7
Customer Service	689	405	243	132	1,469	1.4
Other ^(d)	1,098	2,009	2,520	2,615	8,242	7.6
Total^(e)	30,350	29,435	26,029	22,733	108,548	100

(a) Numbers represented in the table are on an eliminated Government Sector basis. This table does not agree with individual agency reporting elsewhere in these Budget Papers which is done on an uneliminated basis.

(b) Includes Transport PNFC agencies.

(c) Health uneliminated spending on capital is forecast to total \$10.8 billion over the four years to 2024-25. Table 1.2 does not include \$138.7 million in 2021-22, \$104.2 million in 2022-23, \$94.6 million in 2023-24 and \$91.0 million in 2024-25 for minor capital spending for the construction of health capital projects which fall below a capitalisation threshold and are not reported as capital expenditure.

(d) Mainly comprises energy, water and property PNFC agencies. 2021-22 budgets are set out in Chapter 6.

(e) Spending excludes capital expenditure by public financial corporations.

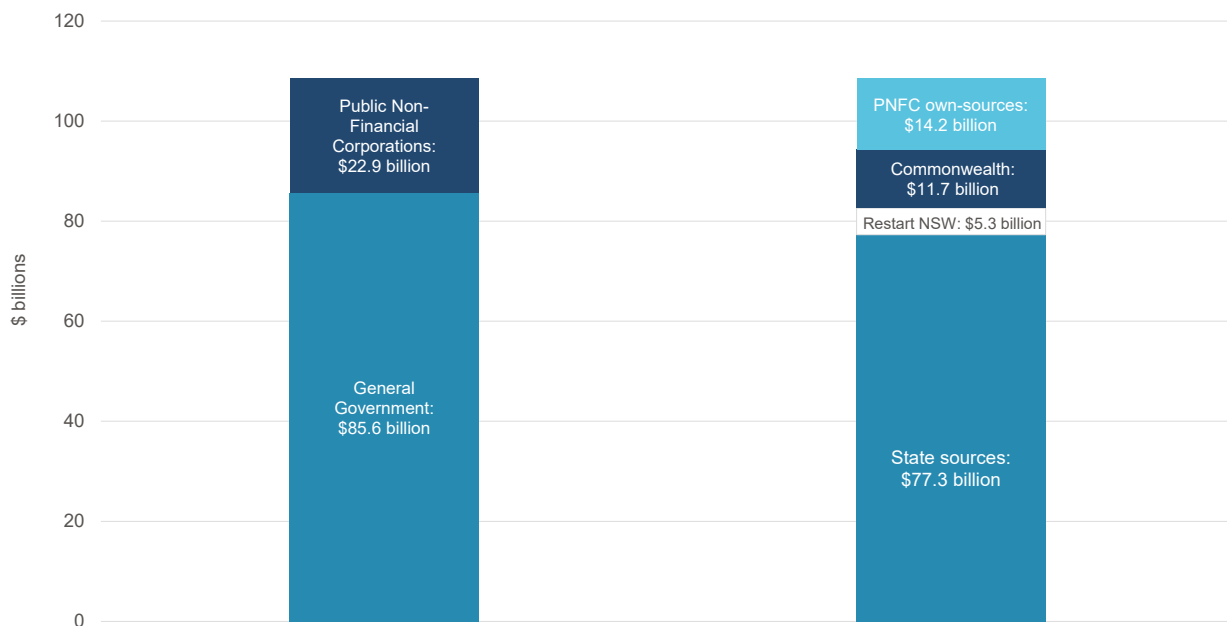
1.5 Funding the delivery of infrastructure

The State's capital program of \$108.5 billion over four years to 2024-25 is funded by a range of sources including:

- State funding, comprising:
 - State sources including taxation, other own-source State revenues and borrowings (\$77.3 billion)
 - Restart NSW (including the Rebuilding NSW plan) and Snowy Hydro Legacy Fund which encompass asset recycling proceeds, windfall tax revenues and the issuing of Waratah Bonds (\$5.3 billion)⁵.
- Public non-financial corporations (PNFC) sources (including from own source revenue, equity, retained earnings and borrowings) (\$14.2 billion)
- Commonwealth Government grants (\$11.7 billion).

⁵ Restart NSW is forecast to have \$37.1 billion of inflows as at 30 June 2021.

Chart 1.2: Summary of capital expenditure and funding sources – 2021-22 to 2024-25



As shown in Chart 1.2, the capital program comprises \$85.6 billion from the general government sector and \$22.9 billion from the PNFC sector.

State sources are expected to be the largest funding source for capital expenditure, totalling \$77.3 billion over the four years to 2024-25.

Commonwealth Government funding comprises infrastructure grants for specific projects and accounts for \$11.7 billion, or 10.8 per cent, of the capital program. PNFC own-source funding is \$14.2 billion, or 13.1 per cent of the capital program.

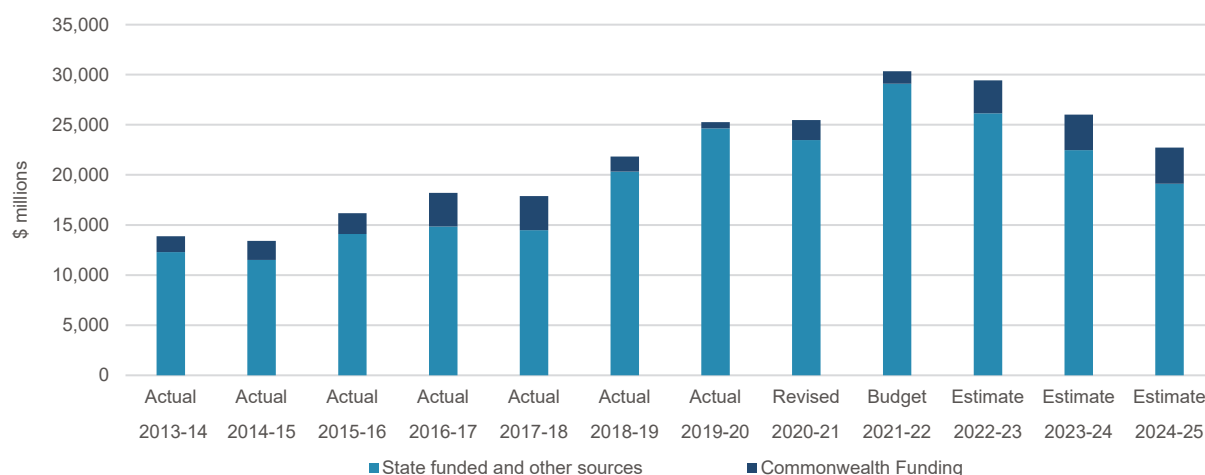
State funding

The total state funded program, comprising state sources and Restart NSW, is forecast to be \$82.6 billion over the four years to 2024-25. This is driven by the Government's significant investment in new and upgraded schools, hospitals, road and transport networks and emergency services and cultural infrastructure.

Commonwealth Government funding

The Commonwealth Government will contribute \$11.7 billion to the NSW infrastructure program over the four years to 2024-25. Chart 1.3 shows the Commonwealth's contribution as a proportion of the total state capital program over the years 2013-14 to 2024-25.

Chart 1.3: Commonwealth contribution to the State capital program 2013-14 to 2024-25



The 2021-22 Commonwealth Budget included over \$3.0 billion in new funding for New South Wales road upgrades including the Great Western Highway, the Mount Ousley Interchange and the Princes Highway Corridor. Contributions from the Commonwealth Government are currently forecast to increase over the four years to 2024-25.

1.6 Existing assets and maintenance program

Existing assets

The Government's asset portfolio is vital for community wellbeing and productivity. Over the past 10 years the Government has invested heavily in increasing the State's asset base with productivity boosting infrastructure.

Table 1.3 shows that the State's asset base continues to grow as a result of the Government's record infrastructure program. The State's physical assets are estimated to have a value of \$386.7 billion as at 30 June 2021, representing an increase of \$20.7 billion from 30 June 2020.

Table 1.3: State owned physical assets: value by sector ^{(a)(b)}

As at 30 June	2018 Actual \$m	2019 Actual \$m	2020 Actual \$m	2021 Revised \$m	2022 Budget \$m
General Government Sector	196,478	221,100	231,766	272,442	290,244
Public Non-Financial Corporations	140,012	131,036	134,242	114,218	120,597
Total ^(c)	336,490	352,136	366,008	386,660	410,841

(a) Net of accumulated depreciation.

(b) Includes investment properties.

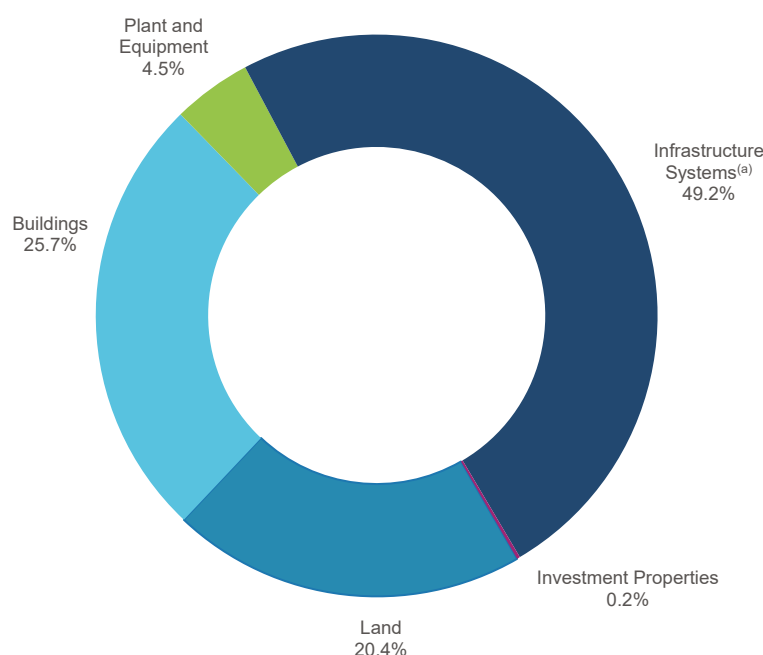
(c) Consolidated total may not equal the sum of the individual sectors due to differences in classification between the individual sectors and the consolidated sector.

In 2020 the Government launched the *Asset Management Policy for the NSW Public Sector (TPP19-07)* to optimise the benefits derived from use of the state's asset portfolio and to ensure infrastructure spending is prioritised in a way that supports the needs of NSW communities.

The Asset Management policy arose from a recommendation in the *2018-2038 State Infrastructure Strategy: Building Momentum*. The policy supports the provision of high-quality government services through adoption of sustainable, whole-of-asset-lifecycle approaches to investment decisions, acquisition of new assets, operations and maintenance, and recycling of assets at the optimal time. The policy is also supported by a robust assurance framework, further information on which is provided in Section 1.7.

Chart 1.4 details the components of the State's physical assets. The largest component as at 30 June 2020 was infrastructure systems (\$180.2 billion). The remaining components comprise buildings (\$93.9 billion), land (\$74.6 billion), plant and equipment (\$16.6 billion) and investment properties (\$0.7 billion).

Chart 1.4: State owned physical assets: value by type, as at 30 June 2020



(a) Infrastructure Systems are assets that comprise public facilities and which provide essential services. They also enhance the productive capacity of the economy, including roads, bridges, and water infrastructure and distribution works.

Infrastructure maintenance

Agencies maintain their infrastructure to support the delivery of high-quality services. Table 1.4 shows the forecast maintenance expenditure estimates for the general government and PNFC sectors across the four years to 2024-25.

Table 1.4: Maintenance expenses^(a)

	2020-21		2021-22	2022-23	2023-24	2024-25
	Budget	Revised	Budget	Forward estimates		
	\$m	\$m	\$m	\$m	\$m	\$m
General Government Sector	1,865	1,833	1,946	2,038	2,042	2,094
Public Non-Financial Corporation Sector	2,192	2,171	2,184	2,142	2,105	2,118
Total	4,055	4,003	4,130	4,180	4,146	4,212

(a) Total spending may not equal the total of general government and PNFC expenditure due to intra-sector purchases.

1.7 Infrastructure investment assurance

The Government's capital investment is guided by the rigorous analysis and stakeholder consultation captured in key strategies and plans including the *State Infrastructure Strategy 2018-2038: Building Momentum*, the *Greater Sydney Region Plan – A Metropolis of Three Cities*, the *Future Transport Strategy 2056*, *Digital NSW: Designing our Digital Future* and the *Regional Development Framework*. These documents set out the Government's priorities and bring together infrastructure investment, precinct and land-use planning for cities and regions.

Box 1.4: Infrastructure NSW: Independent expert advice

The Government's investment in infrastructure is informed by independent, robust, evidence-based advice published by Infrastructure NSW in the 20-year State Infrastructure Strategy.

Updated every five years or as directed by the Premier, the State Infrastructure Strategy assesses infrastructure problems and solutions, and provides recommendations to best grow the State's economy, enhance productivity and improve living standards for the NSW community. The next State Infrastructure Strategy is being developed for release in 2022.

Infrastructure NSW also leads the delivery of a five-year infrastructure plan, the NSW Infrastructure Pipeline, updated bi-annually and published on the Infrastructure NSW website.

The plan sets out projects to be prioritised and the status and timeline for each. The pipeline brings together all Government infrastructure projects with a minimum capital value of over \$50.0 million expected to come to market in the next three to five years, providing government with a priority list and industry with the best possible information to enable planning and resourcing.

The Government is committed to the continued transparency of its project pipeline, to attract investment and early participation in the design, construction, management and operation of major infrastructure projects across New South Wales.

To support the timely delivery of projects within budget, and to meet community expectations for quality and functionality, the Government applies a comprehensive suite of tools focussed on effective infrastructure project selection, planning and delivery. The Gateway Review Policy and related assurance frameworks provide oversight across the entire infrastructure investment lifecycle.

Gateway Review

The Gateway Review system underpins project design and delivery in New South Wales to provide confidence that outcomes will be achieved. As the Government's assurance program for investments, Gateway involves peer reviews by independent experts at key decision points (or Gates) in a project or program's lifecycle. Gateway provides the Government with confidence that programs and projects are being effectively developed and delivered on time, on budget and in accordance with the Government's objectives.

It also provides delivery agencies with independent assessments to complement their internal assurance arrangements, supporting the delivery of successful projects.

Features of the Gateway Policy include:

- a Gateway review process that applies to significant infrastructure projects, major Information and Communication Technology (ICT) projects and recurrent projects
- a risk-based approach to determine when and at which decision points (or gates) Gateway reviews should be undertaken
- establishing the minimum requirements for risk-based assurance frameworks
- the use of three Gateway Co-ordination Agencies, including Treasury, the Department of Customer Service and Infrastructure NSW, to design and operate risk-based assurance frameworks.

Infrastructure Investor Assurance Framework

The Infrastructure Investor Assurance Framework (IIAF), further enhances the governance and oversight of infrastructure projects. The IIAF:

- provides the Government with confidence that key capital projects across the State are being delivered on time and on budget
- monitors the State's infrastructure program, flagging emerging issues and allowing the Government to act ahead of time to prevent projects from failing.

Infrastructure NSW is the Gateway Co-ordination Agency for the IIAF and is responsible for its design and administration. Under the terms of the IIAF, capital projects developed and/or delivered by agencies covered by the NSW Gateway Policy valued at an estimated total cost of \$10.0 million or greater must be registered on the NSW Assurance Portal. Once a project is registered, it will undergo risk profiling to determine appropriate levels of assurance and reporting.

ICT Assurance

ICT Assurance is an independent risk-based process, developed to improve ICT investment outcomes and deliver better value for the State's capital and recurrent ICT spending. The Department of Customer Service is the Gateway Co-ordination Agency responsible for ICT Assurance and uses the ICT Assurance Framework (IAF) to deliver its objectives. Compliance with the IAF is mandatory and is monitored through a centralised and standardised project monitoring and reporting framework.

Recurrent or capital ICT proposals greater than \$5.0 million, or other nominated projects below the threshold, must register with ICT Assurance. Projects are tiered based on risk and value. Those considered high-risk will receive more assurance and reporting support.

Asset Management Assurance

A key component of the Government's new *Asset Management Policy for the Public Sector* is the Asset Management Assurance function, designed to provide Government and NSW communities confidence that:

- the state's asset portfolio is effective in supporting current and future service provision for NSW communities, and
- spending through each stage of the asset lifecycle remains sustainable to meet future service demand.

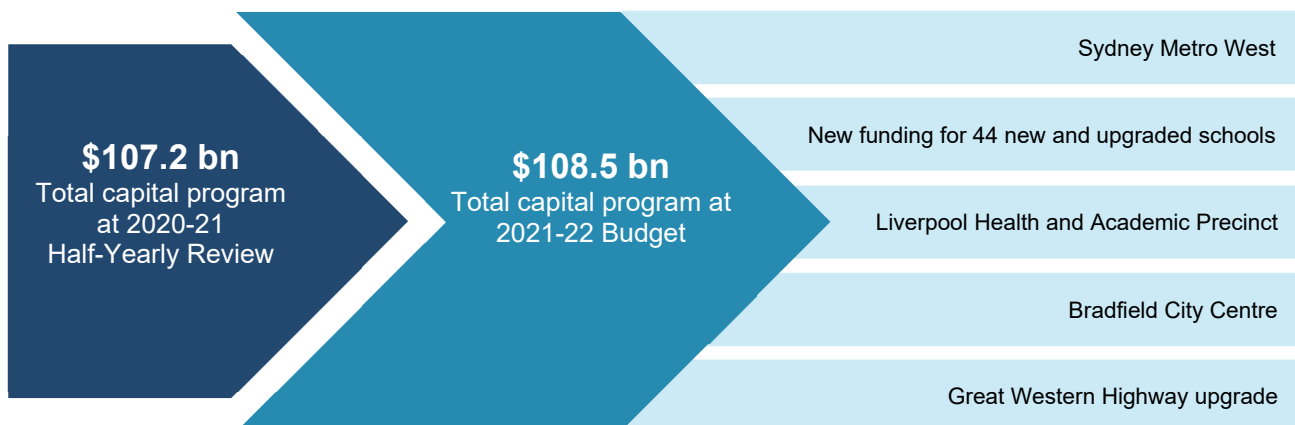
Infrastructure NSW independently undertakes the Asset Management Assurance function and has developed a robust set of standards to build and sustain a level of asset management capability by government agencies, in line with leading practice. This includes the independent performance review of the NSW Government asset portfolio on a sector-by-sector basis to strengthen evidence-based decision making.

Infrastructure NSW corresponded with asset management leaders and organisations across the globe in developing its approach to Asset Management Assurance. The feedback indicated that New South Wales is on its way to becoming a leading jurisdiction in asset management, driving improved skills for asset management teams and enhanced performance of the State's asset base.

2. BUILDING NEW SOUTH WALES FOR TODAY AND FOR THE FUTURE

- Since the 2020-21 Half-Year Review, the Government has increased infrastructure spending from \$107.2 billion to \$108.5 billion over a four year period. This expenditure is supporting the State to build a prosperous future following a strong recovery from the COVID-19 pandemic.
- High quality infrastructure will not only help continue growth beyond the recovery but will enable even better services for the people of New South Wales and help to build a more productive and resilient economy.
- The infrastructure program includes investment of \$71.5 billion for public transport and roads, \$10.8 billion for health infrastructure¹, \$8.5 billion for schools and skills infrastructure and \$3.5 billion to deliver on our commitment to build stronger communities.

Figure 2.1: Four-year capital program from 2020-21 Half-Yearly Review to 2021-22 Budget



¹ Health spending on infrastructure over the next four years includes \$428.5 million of capital expensing from the Ministry of Health's expense budget and \$679.0 million for lease acquisitions. In 2021-22, Health infrastructure spending includes \$138.7 million of capital expensing and \$306.4 million for lease acquisitions.

2.1 Key infrastructure projects new and underway



Health

The NSW community's access to healthcare is being improved through significant investment in and delivery of world-class health facilities, growth in public hospital capacity and the continuing \$700.0 million Statewide Mental Health Infrastructure Program. See Box 2.1.

The NSW Government's health infrastructure program is shaped by trends in healthcare delivery, technological innovations, demographic shifts and patient expectations to ensure that purpose-designed health facilities help to drive improved health outcomes and experiences that matter to patients. The program supports a sustainable health system that delivers outcomes that are personalised, invests in wellness and is digitally enabled.

This Budget includes \$10.8 billion² of capital investment over the four years to 2024-25 in health infrastructure including hospitals and health facilities. This includes funding from the NSW Government's \$3.0 billion *Jobs and Infrastructure Acceleration Fund*.

\$10.8
billion

Capital
Expenditure to
2024-25

\$3.2
billion

Capital
Expenditure
2021-22

Box 2.1: Statewide Mental Health Infrastructure Program

The 2018-19 State Budget announced funding to establish the \$700.0 million Statewide Mental Health Infrastructure Program.

- New works commencing in 2021-22 – Nolan House will be redeveloped into a new co-designed, expanded acute mental healthcare unit on the Albury Hospital campus of Albury Wodonga Health. The new expanded Banksia Mental Health Unit at Tamworth Hospital is also a priority project in this Program
- Continuing in 2021-22 – two dedicated, purpose-built, stand-alone, Mother and Baby Units (MBUs) are being delivered at the Royal Prince Alfred and Westmead hospitals. In addition, two specialist mental health care units (a specialised Older Persons Unit and a Civil Secure Unit) are being delivered in conjunction with the Campbelltown Hospital redevelopment
- Completed – \$20.0 million Therapeutic Environment Minor Capital Works Program in acute mental health units across the state

² Health spending on infrastructure over the next four years includes \$428.5 million of capital expensing from the Ministry of Health's expense budget and \$679.0 million for lease acquisitions. In 2021-22, Health infrastructure spending includes \$138.7 million of capital expensing and \$306.4 million for lease acquisitions.

Table 2.1: Key new Health projects commencing in 2021-22 included in this Budget:

Project	Investment
Ryde Hospital Redevelopment	
To provide contemporary health services and facilities with an increased capacity, improve the patient experience and provide new models of care in a technologically innovative healthcare facility.	\$479.0 million (ETC)
Rouse Hill Health Service	
To provide a range of new health services to support the needs of the growing population in the North West of Sydney and be networked to and operationally integrated with the Western Sydney Local Health District's hospitals including Blacktown, Westmead and Auburn.	\$300.0 million (ETC)
Moree Hospital Redevelopment	
To construct a culturally welcoming, contemporary health facility that will deliver better health outcomes and patient experience for the community of the Northern Tablelands.	\$80.0 million (ETC)
NSW Ambulance Relocation	
To relocate and consolidate NSW Ambulance operations into modern leased accommodation and required fit out to provide a contemporary, integrated and fully operational NSW Ambulance State Operations Centre.	\$68.0 million (ETC)
Gunnedah Hospital Redevelopment	
To deliver a contemporary health facility and environment for patients and improve the ability to attract and retain an experienced healthcare workforce in the North West Slopes region of New South Wales.	\$53.0 million (ETC)
Muswellbrook Hospital Redevelopment Stage 3	
To complete the hospital's redevelopment, co-locating all acute clinical services into one building and providing contemporary health facilities for patients and staff in the Upper Hunter.	\$45.0 million (ETC)
Wentworth Health Service Redevelopment	
A new hospital in the far South West of New South Wales on a greenfield site that will support the delivery of contemporary models of care, provide greater accessibility to the surrounding communities and provide capacity for additional community and outpatient health services, reducing the need for residents to travel.	\$30.0 million (ETC)
Health Cyber Uplift	
Elevating NSW Health's Cyber Security, remove vulnerabilities and protection of sensitive health information.	n.a. (commercially sensitive)
Mobile Clinician Devices Program	
Upgrading in-ambulance defibrillators that improve electronic medical record integration capabilities between NSW Ambulance and hospital emergency departments across the state and especially in regional areas.	n.a. (commercially sensitive)
Single Digital Patient Record	
To unify the current fragmented electronic medical record solutions to create an enduring comprehensive medical record to deliver better health outcomes by enhancing the care coordination across hospital and other settings, further digitisation, improving patient experience and increasing service sustainability.	n.a. (commercially sensitive)

Table 2.2: Key Health projects continuing in this Budget:

Project	Investment
Bankstown-Lidcombe Hospital and Community Health Services Redevelopment	
To be rebuilt on a new site that will transform the delivery of healthcare in the area to meet the growing health needs of the South Western Sydney communities.	\$1.3 billion (ETC)
Nepean Hospital Redevelopment Stages 1 and 2	
The redevelopment, which has been fast-tracked by the Government, will improve access to innovative, effective and welcoming health services for people in Western Sydney and the Blue Mountains.	\$1.0 billion (ETC)
John Hunter Health and Innovation Precinct and car park	
To transform healthcare services for Newcastle, the Greater Hunter region and northern NSW communities by providing industry-leading facilities through the collaboration of health, education and research partners.	\$835.0 million (ETC)
Royal Prince Alfred Hospital Redevelopment	
To deliver an innovative approach to contemporary healthcare featuring an expansion of virtual, new hospital buildings and refurbishment of existing spaces, leading to more adult inpatient beds, an expanded emergency department, intensive care unit, medical imaging services, operating theatres and maternity, birthing and neonatal services.	\$750.0 million (ETC)
Liverpool Health and Academic Precinct	
To increase capacity of the hospital to meet future population growth for South Western Sydney; the Precinct will be a hub for innovation and medical research.	\$740.0 million (ETC)
New Shellharbour Hospital and Integrated Services	
To be built on a greenfield site to provide greater accessibility, increased sustainability and grow the clinical service capacity to meet future demand for health services in the Illawarra region including enhanced rehabilitation, mental health, aged care and palliative care services.	\$698.6 million (ETC)
Tweed Hospital and Integrated Ambulatory Services Redevelopment	
To deliver a new state-of-the-art health facility that has more beds and greater health service capability to serve the growing Tweed-Byron community closer to home.	\$673.3 million (ETC)
Sydney Children's Hospital, Randwick – Stage 1 Comprehensive Children's Cancer Centre and Neurosciences Comprehensive Care and Research Centre	
To deliver Stage 1 of the redevelopment and to establish Australia's first Children's Comprehensive Cancer Centre, bringing world leading clinical care, research and teaching together to deliver improved models of care for sick and injured children across New South Wales.	\$658.0 million (ETC)
Campbelltown Hospital Redevelopment Stage 2, Mental Health and South West Paediatric Service	
To provide additional clinical services at the Macarthur site with enhanced paediatric and mental health capacity, improve pedestrian and vehicle access, and provide more local job opportunities.	\$632.0 million (ETC)
The Children's Hospital at Westmead Stage 2 Redevelopment	
To ensure that the Children's Hospital at Westmead continues to be a world leader in providing paediatric services for children locally and across the state.	\$619.0 million (ETC)
Shoalhaven Hospital Redevelopment	
To provide upgraded and contemporary health facilities with significant expansion of the ambulatory care precinct, surgical beds and operating suites, medical wards including aged care, increased emergency capacity, enhanced medical imaging, pathology and support facilities.	\$438.0 million (ETC)

Project	Investment
St George Hospital – Ambulatory Care, Day Surgery, Sub-Acute Inpatient Building	
To deliver better health outcomes, greater clinical integration and care coordination by bringing together a range of ambulatory, outpatient and community services.	\$385.0 million (ETC)
Griffith Hospital Redevelopment	
To deliver all key clinical services under the one roof in a new, purpose-designed health facility that supports contemporary models of care. The redevelopment will also include a new four bed Mental Health Short Stay Unit integrated into the Medical Inpatient Unit for short term care for people over 16 years.	\$250.0 million (ETC)
Rural Ambulance Infrastructure Reconfiguration program Stages 1 and 2	
To deliver upgraded, rebuilt or new ambulance stations to improve access to emergency health services for communities across the state, improve the workplace conditions for NSW Ambulance employees, and create employment opportunities through construction works across regional New South Wales.	\$232.1 million (ETC)

Box 2.2: Projects in planning

Planning continues for a number of hospital and health facility projects, including in Cowra, Forster-Tuncurry, Glen Innes, Grafton, Gunnedah and Moree. These projects are in various stages of clinical service and detailed facility planning.

Box 2.3: Telestroke and Virtual Care

The NSW Telestroke Service provides 24/7 access to specialist clinical advice for acute ischaemic stroke patients in regional and rural New South Wales. There are now eleven hospitals across regional and rural New South Wales which are connected to the NSW Telestroke Service. The service has provided consultations for almost 800 patients since its launch in March 2020. By June 2022, the service will connect 23 hospitals with a network of virtual specialist stroke doctors.

The NSW Telestroke Service is a collaboration between the Prince of Wales Hospital in Sydney, eHealth NSW, the Agency for Clinical Innovation, the Ministry of Health and LHD clinicians. The Service is a \$21.7 million NSW Government election commitment announced in March 2019 and is jointly funded by the NSW and Commonwealth Governments.

Virtual care, also known as telehealth, safely connects patients with health professionals to deliver care when and where it is needed. NSW Health is seeing the widespread use of virtual care technologies which have the potential to be sustained and expanded into new cohorts and clinical use cases.

The NSW Ministry of Health is currently coordinating the development of the NSW Health Virtual Care Strategy. This Strategy will describe a coordinated and consistent approach to sustainably scale virtual care, comprehensively integrating it as an appropriate care delivery option across NSW Health services.

Health projects to be completed in 2021-22

Box 2.4: Concord Hospital Redevelopment Stages 1A and 1B

A new eight-storey clinical services building and hospital car park will provide additional capacity and integrate inpatient and outpatient services for the growing local community. The redevelopment will deliver targeted health services through the new Rusty Priest Centre for Rehabilitation and Aged Care, a new comprehensive cancer centre and Australia's first National Centre for Veteran's Healthcare.

The new clinical services building is expected to be completed by August 2021, and fully operational by December 2021. The estimated total cost of the project, including the car park project, is \$373.6 million.

Box 2.5: New Maitland Hospital

The new Maitland Hospital and hospital car park at Metford will provide additional capacity and meet the current and future health service needs of the local community. The new hospital will deliver a wider range of health services including emergency care, chemotherapy chairs, surgical services, critical care, maternity services, paediatric care, cardiac catheterisation, mental health, rehabilitation services and outpatient clinics.

The new hospital is on track to open in early 2022. The estimated total cost of the project, including the car park project, is \$500.0 million.

Pages 5-18 to 5-22 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Health cluster, including the ETC, expenditure to 30 June 2021 and the 2021-22 allocation.



Education and skills

New and upgraded schools are being delivered to meet growing enrolments to ensure every child can learn in the highest quality education facilities at their local schools.

Investments in TAFE facilities support skills development to equip the people of New South Wales to work in a modern economy.

Communities across New South Wales are benefiting from \$8.5 billion capital investment in education (\$7.9 billion) and skills (\$539.2 million) infrastructure over the four years to 2024-25.

\$8.5
billion

Capital
Expenditure to
2024-25

\$3.4
billion

Capital
Expenditure
2021-22

Delivering infrastructure that meets the needs of students across the State

Over the next four years the State's total investment in school infrastructure is \$7.9 billion. Government is focused on planning for the future. The 2021-22 Budget provides significant funding to build the priority planning projects the State needs. Funding for the construction of these projects will ensure our students, teachers and their communities can benefit from their new facilities as soon as possible.

This Budget commits an additional \$3.3 billion in new capital expenditure over the life of the projects (including \$2.1 billion over the four years to 2024-25) to deliver 44 new and upgraded school projects, including significant funding to construct 30 schools which are progressing through the planning phase. This includes 10 new schools, the development of five education campuses and 29 upgrade projects.

See Box 2.6 for a list of new projects in this Budget and further information on the Government's record education program.

Additionally, a range of projects are being fast-tracked as part of the NSW Government's \$3.0 billion *Jobs and Infrastructure Acceleration Fund*. These projects have been selected with our students at the centre of every decision and will drive economic recovery. The projects include:

- Seven major capital works projects delivering
 - a new primary school in Murrumbateman
 - a new primary school in Googong
 - a new primary school in Edmondson Park
 - Picnic Point High School Upgrade
 - North Sydney Public School Upgrade
 - Carlingford West Public School Upgrade
 - a hall project at Canterbury Boys High School
- The Co Funded Regional and Metropolitan School Renewal Programs
- Regional Roof Replacement Program
- LED Lighting Upgrade Program.

Box 2.6: Investing in a record school infrastructure program

For more information see <https://www.schoolinfrastructure.nsw.gov.au>

Planning Projects Funded for Construction

- Birrong Boys and Girls High School Upgrade
- Castle Hill Public School Upgrade
- Cecil Hills High School Upgrade
- Cronulla High School Upgrade
- Cumberland High School Upgrade
- Darcy Road Public School Upgrade
- Edmondson Park (new high school)
- Girraween Public School Upgrade
- Green Square (new primary school)
- Gregory Hills (new primary school)
- Hunter River High School Upgrade
- Irrawang High School Upgrade
- Liverpool Boys and Girls High School Upgrade
- Macquarie Park Education Campus
- Marsden Park (new high school)
- Matthew Pearce Public School Upgrade
- Middle Head Environment Education Centre
- Narrabeen Education Precinct
- Neutral Bay Public School Upgrade
- Newcastle Education Campus
- Orange Grove Public School Upgrade
- Punchbowl Public School Upgrade
- Randwick Boys and Girls High School Upgrade
- Rhodes East (new primary school)
- Rydalmere Education Campus
- South Nowra/Worrigee (new primary school)
- St Leonards Education Precinct – Stage 1
- Westmead South (new primary school)
- Wilton Junction (new primary school)
- Yanco Agricultural High School Upgrade

New Works

- Bomaderry High School Upgrade
- Chatswood (new primary school)
- Galungara Public School Upgrade - Stage 2
- Hastings Secondary College Joint Use PCYC
- Jordan Springs Public School Upgrade – Stage 2
- Liverpool West Public School Upgrade – Stage 2
- Manly Village Public School Upgrade
- Murrumbidgee Regional High School Upgrade – Stage 2
- Oran Park Public School Upgrade - Stage 2
- South West Sydney, new selective high school
- Sydney Olympic Park (new high school) – Stage 2
- The Forest High School (Relocation)
- Wee Waa High School Upgrade
- Wentworth Point Public School Upgrade – Stage 2

Box 2.6: Investing in a record school infrastructure program (cont.)**Ongoing works – New and Upgraded Schools**

- Alexandria Park Community School (new school)
- Armidale Secondary College Upgrade (Armidale and Duval High Schools)
- Ashtonfield Public School Upgrade
- Bangalow Public School Upgrade
- Bankstown North Public School Upgrade
- Bexhill Public School Upgrade
- Bletchington Public School Upgrade
- Braidwood Central School Upgrade
- Brooke Avenue Public School Upgrade
- Budawang School (relocation)
- Bungendore (new high school)
- Canterbury Boys High School Upgrade
- Canterbury South Public School Upgrade
- Carlingford West Public School Upgrade
- Centre of Excellence for Agricultural Education
- Chatswood Public School and High School Upgrade
- Cranebrook High School Upgrade
- Croydon Public School Upgrade
- Dapto Public School Upgrade
- Darlington Public School Upgrade
- Denham Court Public School (Leppington new primary school)
- Eastwood Public School Upgrade
- Edmondson Park (new primary school)
- Engadine High School Upgrade
- Epping (new primary school)
- Epping West Public School Upgrade
- Fairvale High School Upgrade
- Fort Street Public School Upgrade
- Gledswood Hills Public School – Stage 2
- Glenmore Park High School Upgrade
- Glenwood High School Upgrade
- Googong (new primary school)
- Greystanes Public School Upgrade
- Harrington Park Public School Upgrade
- Hastings Secondary College Upgrade
- Hurlstone Agricultural High School Upgrade - Stage 2
- Jamison High School Upgrade
- Jannali East Public School Upgrade
- Jerrabomberra (new high school)
- Jindabyne Education Campus
- John Palmer Public School Upgrade
- Kingscliff High School Upgrade
- Kingscliff Public School Upgrade
- Kyeemagh Public School Upgrade
- Lake Cathie Public School Upgrade
- Lennox Head Public School Upgrade
- Lindfield Learning Village - Stage 2
- Liverpool West Public School Upgrade
- Mainsbridge School (new school through relocation)
- Millthorpe Public School Upgrade
- Milperra Public School Upgrade
- Mona Vale Public School Upgrade
- Moruya High School Upgrade
- Mosman High School Upgrade
- Mulgoa Rise Glenmore Park (new primary school)
- Murrumbateman (new primary school)
- Murwillumbah Education Campus
- Muswellbrook South Public School Upgrade
- Nepean Creative and Performing Arts High School Upgrade
- New Environmental Education Centre (Penrith Lakes)
- New school in Liverpool electorate
- North Sydney Public School Upgrade
- Northbourne Public School (Marsden Park new primary school)
- Parramatta West Public School Upgrade
- Passfield Park School Upgrade
- Pendle Hill High School Upgrade
- Picnic Point High School Upgrade
- Picton High School Upgrade
- Porters Creek Public School (Warnervale new primary school)
- Queanbeyan West Public School Upgrade
- Richmond High School Upgrade – Richmond Agricultural College
- Samuel Gilbert Public School Upgrade
- Schools at Meadowbank Education and Employment Precinct
- Seven Hills High School Skills Upgrade
- Stanwell Park Public School Upgrade
- Sydney Olympic Park (new high school)
- Tallawong (new primary school)
- Teven-Tintenbar Public School Upgrade
- Tweed Heads South Public School Upgrade
- Tweed River High School Skills Upgrade
- Wentworthville Public School Upgrade
- Wilkins Public School (new preschool)
- Wilton Public School Upgrade
- Yass High School Multi-Purpose Hall Upgrade
- Young High School Upgrade

Programs

- Co Funded Metropolitan and Regional School Renewal Program
- Cooler Classrooms
- LED Lighting Upgrade Program
- Regional Roof Upgrade Program
- Rural Access Gap Direct Intervention Package
- Schools Renewable Energy Infrastructure Project – Pilot Program

Table 2.3: Key Education and skills projects continuing in this Budget:

Project	Investment
New primary schools at Warnervale (Porters Creek Public School) and Leppington (Denham Court Public School) A project is underway to build a new primary school in Warnervale (Porters Creek Public School) to bring students the latest educational facilities and support the growing local community. The new school will accommodate up to 460 students and will allow for future expansion of the school in the long term. Construction is well underway on the new primary school in Leppington (Denham Court Public School). The new primary school will deliver 44 flexible learning spaces and cater for up to 940 K-6 students in the Leppington area. The new school will be operational in Term 3 of 2021. The project will be a boost for the entire region and support learning outcomes and the future of our students for years to come.	\$38.0 million (ETC, Porters Creek Public School) \$56.0 million (ETC, Denham Court Public School)
Redevelopment of Passfield Park School The redevelopment of Passfield Park School for Specific Purposes is underway. The project is being fast tracked to meet the requirements of the school and the community. The project will deliver: • 16 new permanent teaching spaces • a new library and school hall • a new entrance and drop off area for parents, carers and students • new modern core facilities including staff and administration areas • a new covered outdoor learning area (COLA) • a new indoor sports facility • an upgraded and expanded carpark for 68 cars.	\$35.0 million (ETC)
Co Funded Regional and Metropolitan School Renewal Programs Work has commenced on the \$480.0 million Co Funded Regional and Metropolitan School Renewal Programs to provide high priority schools across New South Wales with infrastructure upgrades including new libraries, canteens, administration buildings, car parking and play areas. The program is set to benefit around 1,200 schools across the State. The program will provide benefits to bushfire affected regions and support more than 1,300 jobs across regional and metro New South Wales, with local contractors and suppliers engaged wherever possible.	\$480.0 million (co-funded program value)
Regional Roof Replacement Program Works are well underway on the NSW Government's Regional Schools Roof Replacement Program for rural and regional schools. The \$60 million program is providing roof repairs and replacements to high priority schools while supporting the local economies. The Program is providing much needed upgrades to the school, while also creating local jobs, stimulating economic growth and supporting regional communities through the impact of COVID-19. Local contractors and suppliers are being engaged with more than 300 jobs created as part of the program. More than 30 roof replacement projects are already complete, with more than 90 in construction.	\$60.0 million (ETC)
Institute of Applied Technology (IAT) for Construction (TAFE) A specialist facility in Kingswood is one of the first IATs recommended by the recent Gonski-Shergold review into the Vocational Education and Training sector that will help train the State's much-needed pipeline of construction workers.	\$79.6 million (ETC)

Pages 5-8 to 5-17 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Education cluster, including the ETC, expenditure to 30 June 2021, and 2021-22 allocation.



Transport

Integrated transport networks, including road, train, metro, bus, ferry, light rail, cycling and walking, play a critical role in driving economic growth and wellbeing. Transport infrastructure helps to connect us to each other and to the great places in New South Wales.

Rapid technological change, along with recent disruptions from natural disasters and the pandemic, means transport planning and delivery needs to be more agile and sustainable to respond to changes in commuter needs and travel patterns.

The Transport capital program includes a \$71.5 billion investment over the four years to 2024-25. This includes funding from the NSW Government's \$3.0 billion *Jobs and Infrastructure Acceleration Fund*.

\$71.5
billion

Capital
Expenditure to
2024-25

\$18.7
billion

Capital
Expenditure
2021-22

Box 2.7: M6 Extension Stage 1

The M6 Extension Stage 1 will deliver the missing link from Sydney's south to the wider Sydney motorway network through twin four kilometre tunnels linking the M8 Motorway at Arncliffe to President Avenue at Kogarah. The project is expected to create around 5,300 jobs, help motorists bypass up to 23 sets of traffic lights, take up to 2,000 heavy vehicles a day off surface roads and help return local streets to local communities. Construction is due to start in early 2022.

Modelled travel time savings during the morning peak (when used with other motorway connections) included:

- Kogarah to ANZAC Bridge - up to 15 minutes
- Miranda to Macquarie Park - up to 15 minutes
- Taren Point to Mascot - up to 12 minutes
- Kogarah to South Sydney - up to 13 minutes
- Kogarah to Sydney CBD - up to 8 minutes.

Table 2.4: Key new Transport projects commencing in 2021-22 included in this Budget:

Project	Investment
M6 Extension Stage 1	
The M6 Extension Stage 1, when completed, will remove more than 2,000 trucks a day from surface roads, enable motorists to bypass up to 23 sets of traffic lights on the Princes Highway and enhance pedestrian and cyclist safety through shared pathways. See Box 2.7.	\$2.7 billion (over next four years) \$541.0 million (2021-22)
Prospect Highway, Reservoir Road to St Martins Crescent	
Upgrading a 3.6 kilometre section of the Prospect Highway between Reservoir Road, Prospect and St Martins Crescent, Blacktown to a four-lane divided carriageway with funding provided by the NSW and Commonwealth Governments. The section north of Lancelot Street will be upgraded to a six-lane divided road, inclusive of two dedicated bus lanes, and improvements to 11 intersections along the route. The benefits include improved road safety for all road users, reduced congestion leading to improved travel times and increased network efficiency.	\$207.1 million (over next four years) \$30.0 million (2021-22)
M5 Motorway, Moorebank Avenue and Hume Highway Intersection Upgrade	
Delivering the M5 Westbound Traffic Upgrade (NSW and Commonwealth funded) will provide a new two lane bridge over Georges River and rail line, and a new underpass at Moorebank Avenue. These upgrades will deliver reduced congestion, improved travel times and improved accessibility and connectivity of road networks.	\$167.2 million (over next four years) \$24.5 million (2021-22)
King Georges Road, Stoney Creek Road to Connells Point Road	
Widening King Georges Road from two lanes to three lanes in each direction and constructing a dedicated right turning lane for south bound motorists turning into Percival Street will benefit 43,000 motorists by reducing congestion, improving travel times and boosting safety for all users (NSW and Commonwealth funded).	\$77.7 million (over next four years) \$17.0 million (2021-22)
Stacey Street Upgrade	
Funding to complete planning and delivery readiness works for upgrades to Stacey Street between Stanley Street and Milton Street, and Myrtle Road and Rookwood Road including an underpass at the Hume Highway interchange to improve freight productivity, road safety and reduce congestion (NSW and Commonwealth funded).	\$50.0 million (over next three years) \$10.0 million (2021-22)
Kamay Ferry Wharves	
Reinstating ferry wharves at La Perouse and Kurnell to create a water connection between La Perouse and Kurnell, allowing greatly improved physical and cultural links of particular importance to the Aboriginal community and enabling perspective from the water and the shore.	\$24.3 million (over next three years) \$6.8 million (2021-22)
Hillsborough Road Upgrade	
Planning and commencing Stage 1 works to upgrade Hillsborough Road between Warners Bay and the Newcastle Inner City Bypass to improve traffic flow, travel times and safety for motorists.	\$10.9 million (over next four years) \$2.9 million (2021-22)
Bus Electrification Program	
Funding for developing a Strategic Business Case to deliver new electric buses to allow quiet and environmentally friendly travel services for Sydney commuters.	\$10.0 million (2021-22)

Table 2.5: Key State-wide Transport projects continuing in this Budget:

Project	Investment
Transport Access Program	
Continuing the upgrade of train stations to make them more accessible including new lifts, ramps and footbridges.	\$717.9 million (over next four years) \$365.0 million (2021-22)
Road Safety investment	
Continuing the Government's commitment to the Road Safety Action Plan to fund targeted and proven initiatives to improve road safety in New South Wales. The Towards Zero campaign and Commonwealth funded Road Safety works stimulus will build on existing investment in thousands of kilometres of audio-tactile line markings, wide centre lines, crash barriers in regional NSW and other life-saving infrastructure across the State.	\$683.5 million (over next four years) \$331.5 million (2021-22)
New buses to cater for NSW services	
Funding for new buses, identifying new bus routes and continuing the transition to a low-emissions transport fleet.	\$588.1 million (over next four years) \$188.2 million (2021-22)
Wharf upgrades and maritime infrastructure investment across NSW	
Upgrades to ferry wharves at Darling Point, Double Bay and Greenwich Point to improve accessibility in addition to ongoing maintenance and upgrades to various regional maritime assets, including Eden Wave Attenuator, Coffs Harbour Boat Ramp and replacement of the Crowdy Head Jetty and Narooma Wharf.	\$215.0 million (over next four years) \$124.9 million (2021-22)

Table 2.6: Key Sydney Metropolitan Transport projects continuing in this Budget:

Project	Investment
Sydney Metro West	
Delivering a new underground driverless Metro line connecting Greater Parramatta with the Sydney CBD in around 20 minutes. The line will include new metro stations at Westmead, Parramatta, Sydney Olympic Park, North Strathfield, Burwood North, Five Dock, The Bays, Pyrmont and Hunter Street in the Sydney CBD linking communities to rail services.	\$12.0 billion (over next four years) \$2.9 billion (2021-22)
Sydney Metro – Western Sydney Airport	
Delivering six new Metro stations to service the future Western Sydney International (Nancy-Bird Walton) Airport and the Western Sydney Aerotropolis, interchanging with the T1 Western Line at St Marys (NSW and Commonwealth Government funded). See Box 2.9.	\$8.0 billion (over next four years) \$943.0 million (2021-22)
Western Harbour Tunnel and Beaches Link Program and Warringah Freeway Upgrade	
Planning and preconstruction of a new crossing of Sydney Harbour and a western bypass of the Sydney CBD, including the upgrade of four kilometres of one of Australia's busiest roads, the Warringah Freeway, as part of the Western Harbour Tunnel/Beaches Link program.	\$6.3 billion (over next four years) \$454.0 million (2021-22)
Sydney Metro City and Southwest linking Chatswood and Bankstown	
Extension of Sydney Metro City and Southwest from the end of Sydney Metro Northwest at Chatswood under Sydney Harbour, through new CBD stations and southwest to Bankstown. The line will include new Metro stations at Crows Nest, Victoria Cross (North Sydney), Barangaroo, Pitt Street and Waterloo, new underground Metro platforms at Martin Place and Central stations and 11 upgraded stations between Sydenham and Bankstown.	\$6.1 billion (over next four years) \$3.1 billion (2021-22)

Project	Investment
More Trains, More Services	
Increased rail services including more frequent and additional services on the Illawarra, Airport and South Coast line.	\$3.1 billion (over next four years) \$1.1 billion (2021-22)
Sydney Gateway	
The Gateway will connect the WestConnex St Peters Interchange, where the M4 and M8 meet, to the Airport and Port Botany Precinct. The Gateway has capacity to carry 100,000 vehicles a day and bypasses 26 sets of traffic lights between Parramatta and Sydney Airport's Domestic terminal in conjunction with WestConnex.	\$2.1 billion (over next four years) \$585.0 million (2021-22)
WestConnex	
Continuing construction and delivery of the final stages of the project, the M4-M5 link tunnels and Rozelle Interchange, by 2023.	\$1.9 billion (over next four years) \$1.2 billion (2021-22)
The Northern Road Upgrade and the M12 Motorway	
NSW and Commonwealth Government funded road upgrades for major road and transport linkages that will capitalise on the economic gains from the Commonwealth Government's new Western Sydney International (Nancy-Bird Walton) Airport now under construction, while boosting the local economy and liveability of Western Sydney.	\$1.3 billion (over next four years) \$269.4 million (2021-22)
Western Sydney Growth Roads Program	
Accommodating population and employment growth in Western Sydney. Key projects include:	\$739.7 million (over next four years)
- Mulgoa Road upgrades (NSW and Commonwealth funded) - The Horsley Drive, M7 motorway to Cowpasture Road (NSW and Commonwealth Funded) - Appin Road Improvements (Commonwealth funded) - Spring Farm Parkway Stage 1 - Mamre Road, M4 Motorway to Erskine Park Road	\$153.4 million (2021-22)
Parramatta Light Rail Stage 1	
Continuing construction of the Light Rail, from Westmead to Carlingford via the Parramatta CBD and Camellia with a 12 kilometre two-way track, to support growth in Western Sydney, connecting new communities and places. The Light Rail will service 28,000 people every day and an estimated 130,000 people will be living within walking distance of light rail stops.	\$627.0 million (2021-22)
Pinch Points	
Continuing investment in small scale traffic improvements that provide big benefits to residents, including reduced congestion and travel times. It includes programs such as Gateway to the South, Hunter Pinch Points and the recently announced NSW and Commonwealth Government Pinch Point stimulus program.	\$514.3 million (over next four years) \$207.8 million (2021-22)
Commuter Car Parking Program	
Provision of an integrated and accessible transport system to enable more convenient access to public transport infrastructure and eases congestion on roads. More than 10,000 commuter car spaces have already been delivered across Sydney since 2011, with works continuing. See Box 2.8.	\$480.9 million (over next four years) \$232.0 million (2021-22)
Duplication of Heathcote Road between The Avenue and Princes Highway	
Commencing early works for Woronora River Bridge and continuing planning for duplication and construction of the NSW and Commonwealth funded Heathcote Road between Infantry Parade and The Avenue. The project will improve the safety of the 36,000 motorists that use Heathcote Road every day, including heavy vehicles. The upgrade will increase capacity and create a safer environment.	\$242.4 million (over next four years) \$37.0 million (2021-22)

Project	Investment
Memorial Avenue, Old Windsor Road to Windsor Road	
Upgrading Memorial Avenue to a four-lane road to meet the future transport demands of Sydney's north-west, reducing travel times and congestion for motorists and improving safety as part of the Western Sydney Growth Roads Program.	\$160.0 million (over next four years) \$48.0 million (2021-22)
Henry Lawson Drive Upgrade	
Construction of Henry Lawson Drive widening between Tower Road, Georges Hall and Auld Avenue, Milperra (Stage 1) to double capacity and reduce congestion and to continue the development of Stage 2 between Keys Parade and the M5 Motorway.	\$115.6 million (over next four years) \$14.0 million (2021-22)
New Hawkesbury River crossing at Richmond	
Provision of a more flood-resilient route for residents west of the Hawkesbury River and in Richmond and Kurrajong through a joint NSW and Commonwealth Government funded initiative.	\$114.1 million (over next four years) \$5.0 million (2021-22)
Macquarie University Station Transport Interchange	
A NSW and Commonwealth funded project involving an upgraded bus interchange to increase capacity, improve bus customers' connection to the Macquarie University Metro Station and optimise bus operations which will reduce travel times and delays.	\$92.7 million (over next four years) \$6.0 million (2021-22)
Parramatta Light Rail Stage 2 (planning)	
Planning and development of Stage 2 which will connect to Stage 1 and run north of the Parramatta River through the rapidly developing suburbs of Ermington, Melrose Park and Wentworth Point to Sydney Olympic Park connecting new communities and places and supporting growth in Western Sydney.	\$50.0 million (over next three years) \$30.0 million (2021-22)
Central Walk	
Construction of a new underground pedestrian concourse at Central Station to better connect passengers to trains, light rail and the new Sydney Metro underground platforms.	\$45.7 million (2021-22)
Mona Vale Road, Manor Road to Foley Street	
Continuing construction (scheduled for completion in 2022) of a 3.2 kilometre portion of Mona Vale Road from a two-lane undivided road to a four lane divided road, to improve congestion and delays, particularly during peak times.	\$29.0 million (2021-22)
Toongabbie Bridge Upgrade	
Planning the upgrade of the Wentworth Avenue Bridge over the rail line at Toongabbie.	\$1.7 million (2021-22)

Box 2.8: Commuter Car Parking program

The program has delivered more than 10,000 commuter car spaces across Sydney since 2011, with around 8,000 additional spaces on the way. The Commuter Car Park program provides more convenient access to public transport, improving people's travel experience and helping to ease congestion on roads.

Projects funded under the program include:

- up to 200 additional car spaces at Beverly Hills
- up to 70 additional car spaces at Casula
- up to 800 additional car spaces at Emu Plains station (NSW and Commonwealth funded)
- up to 700 additional car spaces at Edmondson Park station
- up to 140 additional car spaces at Hornsby
- up to 200 additional car spaces at Jannali
- up to 1000 additional car spaces at Leppington
- up to 385 additional car spaces at Revesby (NSW and Commonwealth funded)
- up to 150 additional spaces at Riverwood station car park (NSW and Commonwealth funded)
- up to 700 additional spaces at Schofields station
- up to 120 additional spaces at Tuggerah station
- up to 250 additional spaces at Warwick Farm
- up to 60 additional spaces at Wentworthville
- up to 108 additional spaces at West Ryde
- up to 100 additional spaces at Winston Hills
- Business cases to support additional car spaces at Morisset, Fassifern and Cardiff stations.

Box 2.9: Sydney Metro – Western Sydney Airport

The Sydney Metro – Western Sydney Airport project will become the transport spine for Greater Western Sydney, connecting communities and travelers with the new Western Sydney International (Nancy-Bird Walton) Airport and the growing region.

The 23 kilometre new metro railway, from St Marys through to the new airport and the Bradfield City Centre, will provide a major economic stimulus for Western Sydney, supporting more than 14,000 jobs during construction.

The project includes six new metro stations at:

- St Marys, interchanging with the existing suburban railway station and connecting customers with the rest of Sydney's rail system
- Orchard Hills, to service a future commercial and mixed-use precinct
- Luddenham, to service a future education, innovation and commercial precinct
- Two stations within the airport site, at the airport terminal and at the airport business park
- Bradfield, the commercial heart of the Western Sydney Aerotropolis.

The project is a key part of delivering an integrated transport system for the Western Parkland City.

The Commonwealth and NSW Governments have a shared objective of having Sydney Metro – Western Sydney Airport operational when Western Sydney International (Nancy-Bird Walton) Airport opens for passenger services.

Figure 2.2: Sydney Metro – Western Sydney Airport

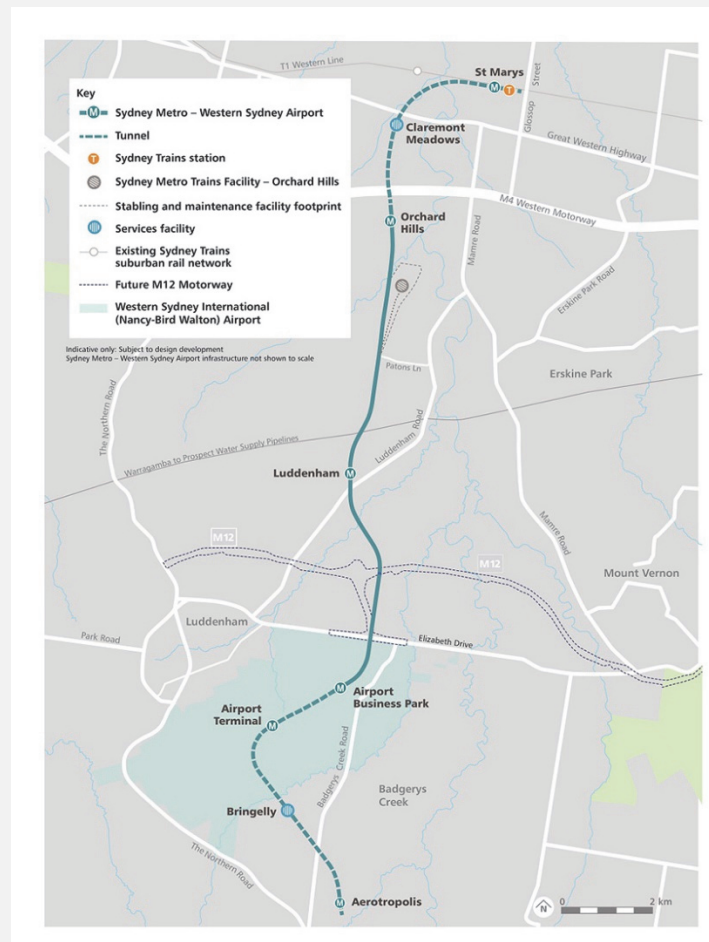


Table 2.7: Key Regional and Outer Metro Transport projects continuing in this Budget:

Project	Investment
Great Western Highway Upgrade	
Duplicating the Great Western Highway between Katoomba and Lithgow with NSW and Commonwealth Government funding to reduce congestion and deliver safer, more efficient and reliable journeys through the Blue Mountains and better connect communities in the Central West. Construction of the \$45 million upgrade from Kelso to Raglan will continue. See Box 2.10.	\$2.0 billion (over next four years) \$131.5 million (2021-22)
Princes Highway – Jervis Bay to the Victorian border	
Continuing the transformation of the Princes Highway from south of Nowra to the Victorian border with NSW and Commonwealth Government funding for priority projects including the Jervis Bay Road Intersection, Jervis Bay to Sussex Inlet Upgrade, Milton-Ulladulla Bypass and Moruya Bypass to improve safety, journey times and freight efficiency.	\$1.4 billion (over next four years) \$88.0 million (2021-22)
Mariyung Fleet (New Intercity Fleet)	
Delivering a new, state-of-the-art fleet and associated power supply upgrades to provide a new level of comfort and convenience and improve accessibility and safety for customers who travel between Sydney, the Central Coast and Newcastle, the Blue Mountains and the South Coast.	\$1.3 billion (over next four years) \$345.0 million (2021-22)
Regional Rail Fleet	
Delivering a modern new Regional Rail Fleet to replace the ageing XPT, XPLODER and Endeavour trains and improve travel. Construction of a purpose-built maintenance facility in Dubbo	\$1.3 billion (over next four years) \$320.0 million (2021-22)
Coffs Harbour Bypass	
Continuing the NSW and Commonwealth Government funded Pacific Highway upgrade program, the Coffs Harbour Bypass will improve connectivity, road transport efficiency and safety for local and interstate motorists.	\$1.2 billion (over next four years) \$100.0 million (2021-22)
Newell Highway	
NSW and Commonwealth Government funded works for continued delivery of 40 new overtaking lanes, Parkes bypass, new Dubbo Bridge, heavy duty pavement upgrades, Newell Highway and Mitchell Highway intersection upgrade, flood mitigation works (State funded) and minor works along the corridor.	\$872.6 million (over next four years) \$224.3 million (2021-22)
New England Highway	
Commencing construction on the Belford to Golden Highway duplication as well as NSW and Commonwealth Government funded improvements including planning and preconstruction for a bypass for Singleton and completing the Bolivia Hill Upgrade to improve traffic flow, travel times and safety for motorists.	\$366.1 million (over next four years) \$56.2 million (2021-22)
Pacific Motorway (M1) to Raymond Terrace	
Continuing planning of the NSW and Commonwealth Government funded upgrade to connect the M1 Pacific Motorway and the Pacific Highway to improve traffic flow and travel time and safety for all road users.	\$348.9 million (over next four years) \$28.1 million (2021-22)
Newcastle Inner City Bypass from Rankin Park to Jesmond	
Continuing preconstruction on the NSW and Commonwealth Government funded final stage of the Newcastle Inner City Bypass between the Pacific Highway at Bennetts Green and the final stage of the Pacific Highway at Sandgate. The Bypass provides improved traffic flows across the western suburbs of Newcastle and connectivity to Bennetts Green, Charlestown and Jesmond shopping centres, the John Hunter Hospital precinct at New Lambton Heights and the University of Newcastle at Callaghan with connections to the Pacific Highway.	\$339.9 million (over next four years) \$29.0 million (2021-22)

Project	Investment
Princes Highway Upgrade	
Continuing the Princes Highway Upgrade, including completing construction of the Albion Park Rail Bypass, Berry to Bomaderry Upgrade and Batemans Bay Bridge project, commencing construction on South Batemans Bay Link Road, and continuing construction on the NSW and Commonwealth Government funded new Nowra Bridge. See Box 2.11.	\$329.1 million (over next four years) \$223.3 million (2021-22)
Fast Rail Program	
Continuing planning of the Fast Rail program to deliver faster connections between Sydney, Canberra, Bomaderry, Newcastle, the Central Coast and the Central West and initial works including duplication of the line between Berry and Gerringong.	\$298.0 million (over next four years) \$45.0 million (2021-22)
Muswellbrook Bypass, New England Highway	
Continuing planning, design and pre-construction for the Muswellbrook bypass to improve travel times for long-haul freight movements, and safety for all road users on the New England Highway.	\$168.7 million (over next four years) \$14.1 million (2021-22)
Barton Highway	
Continuing improvements on the NSW and Commonwealth Government funded Barton Highway duplication including minor works. This work will improve road safety while enhancing tourism, driving economic growth and creating vibrant regional spaces.	\$147.1 million (over next four years) \$52.6 million (2021-22)
Mt Ousley Interchange	
NSW and Commonwealth Government's commitment to continue planning and construction of an interchange to replace the existing intersection of the M1 Princes Motorway and Mount Ousley Road at the base of Mount Ousley.	\$141.3 million (over next four years) \$6.3 million (2021-22)
Nelson Bay Road Upgrade	
Upgrading Nelson Bay Road to duplicate the road from Williamtown to Bobs Farm, including commencing work on a one kilometre section of the existing road from Salt Ash to Bobs Farm.	\$140.8 million (over next four years) \$7.5 million (2021-22)
Central Coast Roads	
Continuing planning and delivery of road projects in the Central Coast area including:	\$124.9 million (over next four years)
- Pacific Highway, Parsons Road to Ourimbah Street, - Pacific Highway and Manns Road, Narara Creek Road to Parsons Road (planning in 21-22), - Pacific Highway, Wyong Town Centre (planning in 21-22), - Manns Road intersection upgrades at Narara Creek and Stockyard Place (NSW and Commonwealth funded) (planning in 21-22) - Central Coast Highway, Tumby Road to Bateau Bay Road (planning in 21-22).	\$48.9 million (2021-22)
Main Western Rail Line Capacity Enhancements	
Projects including new passing loops to improve the efficiency and capacity of the Main West Rail Line for passenger and freight services.	\$124.8 million (over next four years) \$25.0 million (2021-22)
Fixing Country Rail Program	
Providing improved capacity, access, efficiency and reliability of the regional rail network, as well as delivering a highly functional transport network for moving freight in and out of regional areas.	\$100.0 million (over next three years) \$60.0 million (2021-22)

Project	Investment
Picton Road Upgrade	
Planning for the duplication of Picton Road to improve safety and connectivity as a key link for the Illawarra Region, South Coast, Sydney, Canberra and Melbourne.	\$44.0 million (over next four years)
	\$14.0 million (2021-22)
Silver City and Cobb Highways	
Sealing and upgrading the remaining 209 kilometres of the Cobb and Silver City highways in Far Western NSW to improve freight access, unlock greater economic opportunities for local and interstate business, decrease travel times and ensure safer roads for all users.	\$27.4 million (2021-22)
Golden Highway	
Continuation of the NSW and Commonwealth funded Golden Highway safety, widening and flood alleviation works as well as finalise rest area initiatives to increase heavy vehicle safety and productivity.	\$25.4 million (over next three years)
	\$3.8 million (2021-22)
Hume Highway	
Continuing to replace sections of the concrete pavement surface on the Hume Highway at Marulan to improve driving conditions. The existing concrete pavement will be replaced with a flexible pavement with a thick asphalt surface which improves road safety and freight productivity.	\$23.6 million (over next three years)
	\$18.4 million (2021-22)
Mitchell Highway	
Overtaking lanes and re-alignment on the Mitchell Highway between Dubbo and Narromine to improve safety and travel time along this important route for livestock freight, commuters, tourism operators, and holiday makers.	\$17.9 million (over next four years)
	\$7.2 million (2021-22)
Bruxner Highway	
Construction of safety improvements on the Bruxner Highway.	\$8.8 million (2021-22)
Upgrade of Cessnock Road at Testers Hollow	
Continue the NSW and Commonwealth Government funded upgrade of Cessnock Road to provide a more reliable connection during flood events, to reduce the impact of flooding and improve connectivity.	\$8.5 million (over next two years)
	\$5.2 million (2021-22)
Marshall's Creek Bridge	
Planning for the bridge upgrade and intersection improvements to help ease congestion and improve safety in Wagga Wagga and the Riverina.	\$6.7 million (2021-22)

Box 2.10: Great Western Highway Upgrade

The Great Western Highway (GWH) is the key east-west road connection between Sydney and the Central West. The GWH crosses the Great Dividing Range following a steep and difficult alignment that is narrow and constrained due to the adjacent Greater Blue Mountains World Heritage Area, railway line and heritage-rich communities that abut the highway. It is the last major highway from Sydney to be upgraded to dual carriageway.

The current design, alignment and topography:

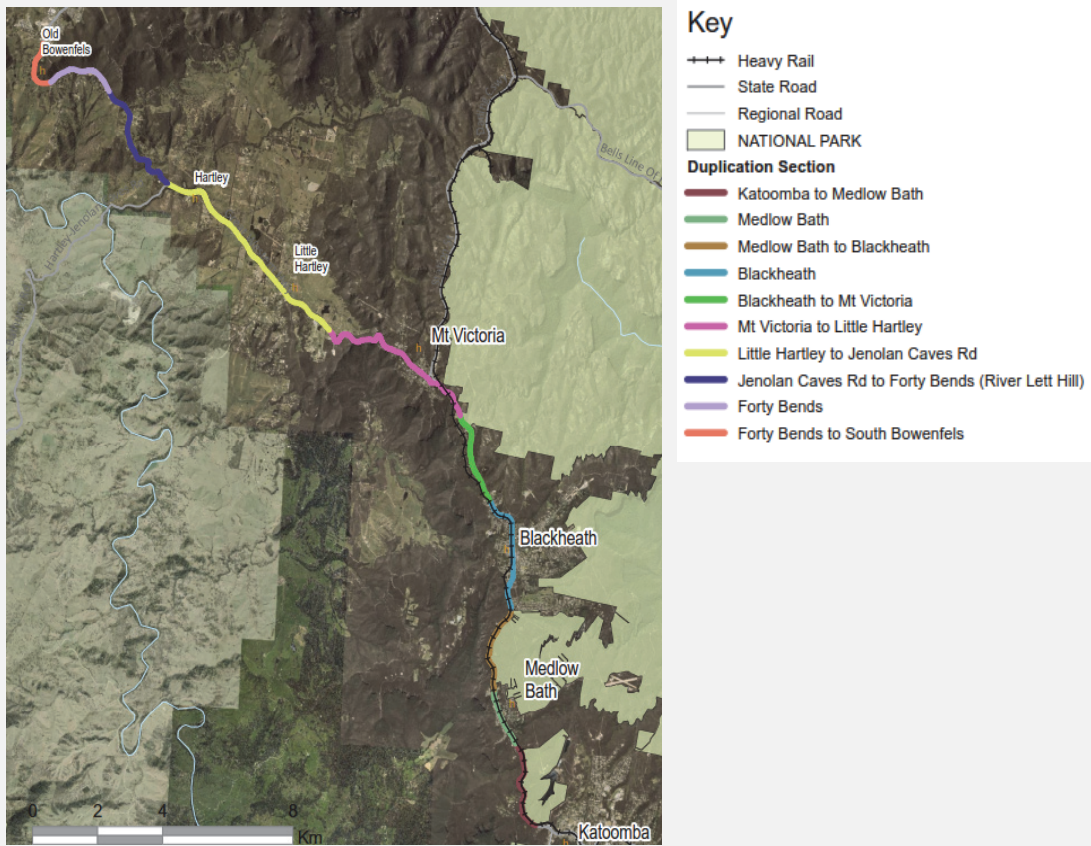
- impairs amenity for local communities with high through-traffic volumes and congestion as the highway is also the main street for the villages in the Blue Mountains
- causes delays of up to two hours in peak holiday periods
- slows travel speeds with limited overtaking opportunities and steep gradients – more than double the recommended maximum level
- has higher than state average crash rates
- limits access during incidents and natural disasters
- reduces freight efficiency.

The NSW and Commonwealth Governments have committed \$4.5 billion to upgrade the Great Western Highway between Katoomba and Lithgow, delivering a modern four-lane dual carriageway and transforming journeys for people travelling through and around the Blue Mountains. The benefits include:

- 34 kilometres of dual carriageway that will reduce congestion and improve journey reliability along a corridor that has low route reliability
- improved travel times
- safer journeys that separate long-distance and heavy vehicles from local traffic, pedestrians and cyclists
- improving access for emergency services and evacuation routes in times of natural disaster and road incidents
- improved local amenity with reduced through-traffic through village centres
- better connectivity between the Central West and Sydney offering better social connections for health and education as well as links to ports especially the Western Sydney Aerotropolis.

Box 2.10: Great Western Highway Upgrade (cont.)

Figure 2.3: Great Western Highway Upgrade



Box 2.11: Princes Highway Upgrade

The Princes Highway Upgrade is transforming journeys along the South Coast.

Since 2011, the NSW and Commonwealth Governments have invested \$2.5 billion upgrading the Princes Highway to create safer and more efficient journeys. This has transformed and better connected communities, employed thousands of locals, improved safety, eased traffic congestion and grown regional economies.

With the Albion Park Rail Bypass and Berry to Bomaderry upgrade nearing completion and the new Nowra Bridge in construction, the focus is now on the next wave of projects, with the Commonwealth and NSW Governments committing \$1.9 billion to upgrade the Princes Highway between Nowra and the Victorian border.

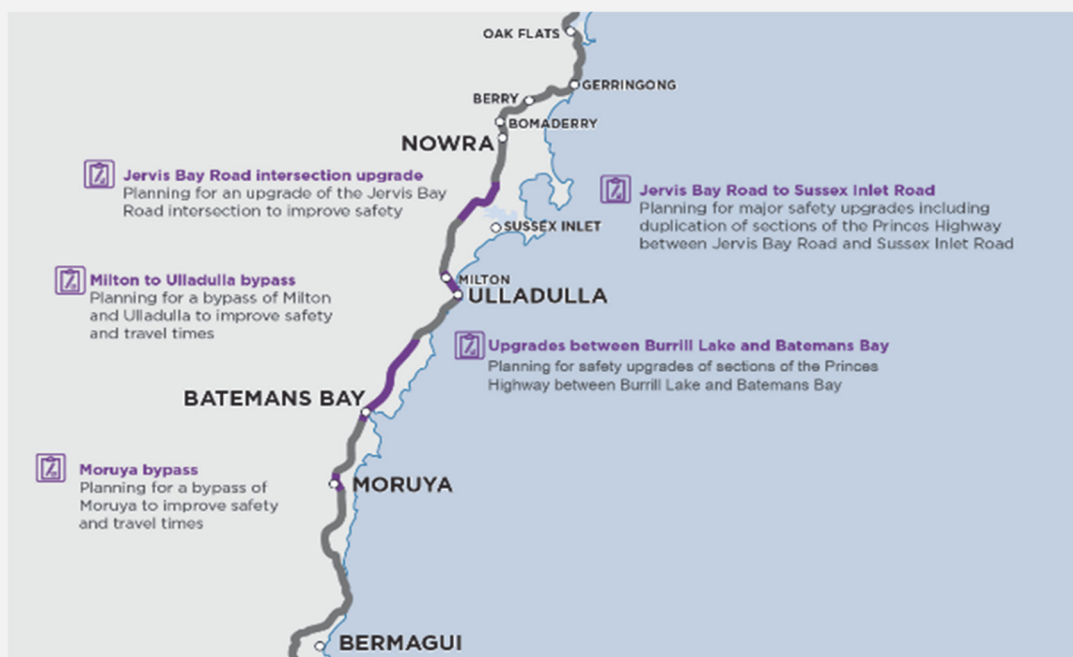
Five priority projects are powering ahead including the Jervis Bay Road and Princes Highway intersection, Jervis Bay to Sussex Inlet Road upgrade, Milton-Ulladulla bypass, Burrill Lake to Batemans Bay upgrade and Moruya bypass.

The upgrades are part of a 20 year vision for the Princes Highway that will unlock economic, employment and social opportunity for the region and help drive the State's third largest regional economy.

Princes Highway Upgrade Program features include:

- improving safety and easing traffic congestion for all road users
- growing regional economies through improved access to regional centres
- improve the atmosphere of regional town centres for the benefit of locals, pedestrians and businesses
- better connecting communities through improved local access
- transforming the South Coast and catering to its growth
- creating more reliable journeys
- enabling more efficient movement of freight.

Figure 2.4: Princes Highway Upgrade



Pages 5-49 to 5-54 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for Transport cluster, including the ETC, expenditure to 30 June 2021, and 2021-22 allocation. Chapter 6 lists the major capital projects and minor works for the PNFC program for the transport agencies referred to above.



Planning, Industry and Environment

The Planning, Industry and Environment cluster is responsible for the stewardship of the NSW Government's natural and built assets. The Cluster's key areas of focus include: planning and enabling development and the delivery of infrastructure to drive economic activity, protecting our native flora and fauna, setting the future direction of waste and sustainable materials and ensuring an affordable, reliable and sustainable energy future. The Cluster is also responsible for creating better public and open spaces, improving the use and management of government-owned land and property, securing and improving the State's water supply, increasing housing affordability and supply, and improving outcomes for Aboriginal people across the State, with a focus on land and housing.

\$2.3
billion

Capital
Expenditure to
2024-25

\$995.0
million

Capital
Expenditure
2021-22

This Budget includes \$2.3 billion in spending for Planning, Industry and Environment initiatives and projects over the four years to 2024-25.

Table 2.8: Key new Planning, Industry and Environment projects commencing in 2021-22 included in this Budget:

Project	Investment
Electricity Infrastructure Roadmap (capital component)	
Part of the Government's plan to attract up to \$32.0 billion in private investment in new generation, storage, firming and network infrastructure by 2030 to modernise the NSW electricity sector. See Box 2.12.	\$164.4 million (over next four years)
Refurbishing Historical Assets in the Macquarie Street Precinct	
To support the adaptive re-use of the Registrar General's Building as a cultural venue and public open space consistent with the Macquarie Street East Precinct Review.	\$119.3 million (over next three years)
Office Hubs in Dubbo and Coffs Harbour	
New office hubs in Dubbo and Coffs Harbour to consolidate existing tenancies and provide modern and efficient office spaces to help attract and retain regional government workers.	\$103.2 million (over next three years)
Great Walks: Multi-day Walking Experiences	
Creating new signature, multi-day walking trails including the Great Southern Walk and the Illawarra Mountain Biking Network. See Box 2.13.	\$80.4 million (over next three years)

Box 2.12: Electricity Infrastructure Roadmap

The NSW Government's Electricity Infrastructure Roadmap will modernise our electricity sector.

The Roadmap will ensure households and businesses across New South Wales have access to affordable, reliable and sustainable energy. The Roadmap is expected to:

- attract up to \$32.0 billion in private investment for energy infrastructure by 2030
- support over 9,100 new jobs – 6,300 in construction and 2,800 ongoing – mostly in regional New South Wales
- deliver savings on average NSW electricity bills of around \$130 a year for households and \$440 a year for small businesses between 2023 and 2040.

The 2021-22 Budget provides \$412.9 million recurrent and capital expenditure over the forward estimates, including \$379.6 million in new expenditure, to support the Roadmap. This includes establishing new entities and supporting the development of Renewable Energy Zones, including transmission infrastructure.

Box 2.13: Great Walks: Multi-day walking experiences showcasing our natural and historic assets

The 2021-22 Budget provides \$80.4 million capital expenditure over three years for signature walking experiences, including the Great Southern Walk in Illawarra. The walks will include a range of dedicated accommodation options, making our natural and cultural heritage assets in NSW national parks a must-see destination for local, national and international visitors.

Great Southern Walk and the Illawarra Mountain Biking Network:

From the Southern Gateway Centre in Bulli Tops, this four-to-five-day walk will take visitors on a stunning journey linking the Escarpment with the Royal National Park and Kamay Botany Bay National Park. Featuring dramatic coastal views and some of Australia's best whale watching lookouts, visitors will explore previously inaccessible coastal environments on Sydney's doorstep.

This experience finishes at Kamay Botany Bay National Park, on Dharawal Country, near Captain Cook's landing place. A range of comfortable accommodation options en-route will ensure this adventure is accessible to everyone. A world-class mountain bike track also promises to be an exciting new venue for one of Australia's most popular outdoor activities.

Table 2.9: *Key Planning, Industry and Environment projects continuing in this Budget:*

Project	Investment
Social and Community Housing – Aboriginal Housing Office	
New social and community housing supply, upgrades and maintenance works for Aboriginal communities through the Aboriginal Housing Office. See Box 2.14.	\$204.2 million (over next four years)
National Parks Visitor Infrastructure	
Improving access to the natural beauty of New South Wales' national parks and supporting local tourism by upgrading and extending walking trails and improving visitor infrastructure and facilities.	\$141.1 million (over next four years)
Strategic Open Spaces Program across Greater Sydney	
New and upgraded parks at Penrith, Ermington, Appin, Leppington, Frenchs Forest, Belrose, Carramar, Beaumont Hills, Hurstville and funding for Callan Park to support healthy and active communities.	\$123.1 million (over next three years)
Improvements to Greater Sydney Parklands	
Developing the Western Sydney parklands into a multi-use urban parkland that provides a diverse range of recreational, entertainment and tourist facilities; and improving Centennial Park and Moore Park Trust lands to increase public use and enhance recreational, cultural and environmental value.	\$63.1 million (over next four years)
ePlanning	
The next phase of an end-to-end digital planning service for New South Wales, to improve customer experience by streamlining services within the planning system.	\$36.3 million (over next two years)
Cumberland Plain Conservation Plan	
To acquire land and commence restoration works as part of the first stage of the Georges River Koala Reserve and other priority conservation areas and install koala exclusion fencing to protect koalas from urban interfaces.	\$30.0 million (over next two years)
Improvements to Australian Institute of Botanical Science Facilities	
Delivering a state-of-the-art facility to protect the Royal Botanic Garden's collection of more than 1.4 million plant specimens at Mount Annan.	\$26.3 million (over next two years)
Walking and Mountain Bike Track Upgrades across the State's National Parks	
Upgrades to the Light to Light Walk, Murramarang South Coast Walk, the Snowies Iconic Walk and the Thredbo Valley Track.	\$15.4 million (over next two years)
Upgrade of Visitor Facilities at Kamay Botany Bay National Park	
Construction of new visitor facilities to conserve and adapt important heritage and commemorate the meeting of two cultures at Kamay Botany Bay National Park.	\$14.8 million (over next two years)
Wombeyan Caves Tourism Project	
To reinvigorate the Wombeyan Caves experience and deliver new nature-based tourism opportunities.	\$9.0 million (over next three years)

Box 2.14: Delivering social and affordable housing across New South Wales

The Budget includes \$852.5 million capital expenditure in 2021-22 to support the delivery of social and affordable housing and capital upgrades across New South Wales through the NSW Land and Housing Corporation (LAHC) and Aboriginal Housing Office (AHO).

This continues the Government's \$812.0 million COVID-19 social housing stimulus package announced last year, including \$366.5 million in 2021-22. This package is expected to deliver over 800 new houses and upgrades to around 16,500 existing properties across the LAHC, AHO and community housing portfolios across 2020-21 and 2021-22. The package has also accelerated the Airds-Bradbury and Claymore housing estate redevelopments, contributing to the delivery of over 500 new social housing dwellings and 1,000 new land lots for sale to build private homes.

In addition, the Government's \$1.1 billion Social and Affordable Housing Fund (SAHF) is providing an innovative approach to deliver social and affordable housing, including the recently completed St George Community Housing 160-unit complex at Redfern.

These investments in new and upgraded social and affordable housing will help to provide housing to some of the most vulnerable members of the community and support the Premier's Priority to reduce street homelessness across New South Wales by 50 per cent by 2025.

A \$57.0 million expansion of the Together Home program, through the Department of Communities and Justice, will also provide support through additional leasing and wrap around services for 250 households for two years and support another 100 dwellings in the community housing provider sector.

Box 2.15: Water Security

New South Wales is undergoing water management reform to ensure we have strategic, long term plans for our State's precious water resources.

The NSW Government is providing ongoing technical and financial support to local councils for town water supply projects under the \$1.0 billion *Safe and Secure Water Program*, including 177 projects underway or completed as at end-March 2021. Since 2017-18, the Government has also committed over \$285.0 million for emergency town water supply projects, to assist communities during the drought.

In addition to preparing business cases to consider water security projects in the Lachlan Valley, Peel Valley and the Border Rivers Region (\$245.0 million over two years), the Government is investing in the following measures to plan for and manage the medium and long term water needs of our regions:

- \$51.2 million for the Eurobodalla Southern storage program (part of the Commonwealth Government's 2021-22 Budget)
- \$37.0 million over four years to complete the State Water Strategy, Regional and Greater Sydney Water Strategies
- \$25.7 million for detailed planning and site assessments for pipelines between Lostock Dam to Glennies Creek Dam, and between Nyngan and Cobar (including \$12.1 million from the Commonwealth Government)
- \$23.6 million to improve non-urban water metering in New South Wales by supporting the uptake of telemetry and upgrading WaterNSW meters, plus a further \$12.5 million for the Northern Murray Darling Basin metering program, as part of the Commonwealth Government's 2021-22 Budget, bringing total spending to \$36.1 million
- \$12.5 million to improve operating models for regional water utilities
- \$11.0 million for Hydrometric Networks and Remote Sensing Program with the Murray Darling Basin Authority.

Pages 5-23 to 5-30 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Planning, Industry and Environment cluster, including the ETC, expenditure to 30 June 2021 and 2021-22 allocation. Chapter 6 lists the major capital projects and minor works for the PNFC program.



Regional NSW

The Regional NSW cluster helps New South Wales build strong, cohesive regional communities and economies, grow primary industries and ensure sustainable land use practices, create regional employment opportunities and steward the use of our natural endowments including advancing sustainable mining and resource development.

In addition, Regional NSW manages the Snowy Hydro Legacy Fund which is investing in transformative infrastructure across regional New South Wales.

This Budget includes \$711.6 million for projects across the Regional NSW cluster over the four years to 2024-25.

\$711.6 million	Capital Expenditure to 2024-25
\$334.2 million	Capital Expenditure 2021-22

Table 2.10: Key new Regional NSW projects commencing in 2021-22 included in this Budget:

Project	Investment
Farms of the Future Program	
To support farmers and agribusinesses in the adoption of digital technology (ag-tech) and on-farm connectivity solutions to improve resource management, boost productivity and enhance water security.	\$2.8 million (capital component)
This program is part of the broader, new \$63.4 million Future Ready Regions package that will help regional communities prepare for future droughts by investing in the latest technologies, data and tools to boost business productivity, while helping communities to plan ahead.	

Table 2.11: Key Regional NSW projects continuing in this Budget:

Project	Investment
Parkes Special Activation Precinct	
Creating Australia's largest inland port, located at the only junction of Australia's two rail spines, the Inland Rail and the Trans-Australia Railway, the Parkes Special Activation Precinct will cover an area of 4,800 hectares and drive economic growth and prosperity in the Central West. The Government is investing in vital infrastructure including roads, sewer and water connections to support local and business needs.	\$185.4 million (total capital commitment over next four years)
Wagga Wagga Special Activation Precinct	
This 4,500-hectare precinct will build on already-planned private and government investments and create up to 6,000 new jobs across a range of industries including renewables, recycling, advanced manufacturing, value-added agriculture, and freight and logistics. The Regional Growth NSW Development Corporation will lead development of core infrastructure including roads, digital connectivity, utilities and electricity services.	\$150.6 million (total capital commitment over next four years)

Project	Investment
Special Activation Precincts pre-delivery work	
Pre-delivery works to further investigate and master plan Special Activation Precincts in Moree, Williamtown and the Snowy Mountains.	\$75.0 million (over next three years)
The Moree precinct will become a thriving new business hub, specialising in agribusiness, logistics and food processing. The Williamtown precinct will help to create a defence and aerospace centre, boost the local economy and generate thousands of new jobs for the region. A Snowy Mountains precinct will focus on creating a year-round alpine tourism destination and enhance Jindabyne's town centre. Special Activation Precincts bring together fast track planning, infrastructure investment, government-led studies and development, as well as business support services. They are dedicated to driving investment in regional New South Wales and creating thousands of new jobs across the state.	
Gig State	
To upgrade digital network infrastructure to deliver metro-level internet services to regional businesses and residents, as part of the Regional Digital Connectivity program. This project is designed to boost regional internet service with network infrastructure and increased fibre capacity to deliver improved internet speed, prices and quality of service in key locations.	\$100.0 million (over next five years)
World-Class Food and Fibre	
Investments to boost agricultural productivity and support world class food and fibre production through enhancements to research stations including glasshouses, exotic disease diagnostic instruments and on-farm sensors and data technology.	\$51.2 million (2021-22)
R&D partnership with the Grain Research and Development Corporation	
Enhancing productivity of plant and livestock systems.	\$4.0 million (2021-22)
Chickpea Breeding Program	
A \$5.0 million program to increase yield and expand production of the chickpea industry across Australia. The program will be undertaken as a joint venture between Regional NSW and the Grains Research Development Corporation.	\$2.9 million (2021-22)

Box 2.16: Supporting the regions through the Snowy Hydro Legacy Fund

The \$4.2 billion Snowy Hydro Legacy Fund was established in June 2018 following the sale of the State's share in Snowy Hydro Scheme to the Commonwealth Government, with every cent to be spent benefitting regional New South Wales.

The Snowy Hydro Legacy Fund is dedicated to transformational infrastructure investment that will deliver long term economic prosperity across regional New South Wales.

The following projects are already underway:

- \$185.4 million to deliver the Parkes Special Activation Precinct
- \$157.5 million for the Wagga Wagga Special Activation Precinct, including a \$150.6 million total capital commitment, which has entered the delivery phase
- \$75.0 million dedicated to the Special Activation Precincts Pre-Delivery Works in Moree, Williamtown and the Snowy Mountains, which may include early land acquisition.
- \$100.0 million for Gig State, as part of the Regional Digital Connectivity program, to deliver metro-level internet services to regional businesses and residents.

Pages 5-38 to 5-39 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Regional NSW cluster, including the ETC, expenditure to 30 June 2021, and 2021-22 allocation.



Stronger Communities

The Stronger Communities cluster delivers community services that support a safe and just New South Wales through: operating an efficient and effective legal system, the protection of children and families, building resilience to natural disasters and emergencies, promoting public safety, reducing reoffending, supporting community harmony and social cohesion, and promoting physical activity and participation in organised sport, active recreation and sporting events.

\$3.5
billion

Capital
Expenditure to
2024-25

\$1.5
billion

Capital
Expenditure
2021-22

This Budget includes capital investment of \$3.5 billion in Stronger Communities over the four years to 2024-25.

Table 2.12: Key new Stronger Communities projects commencing in 2021-22 included in this Budget:

Project	Investment
Marine Vessel Replacement Program – Phase 2	
A new police vessel fleet to ensure that the NSW Police Force continues to have capability and capacity to deliver crucial services.	\$18.9 million (ETC)
New Singleton Police Station	
To accommodate increasing police numbers in the Hunter Valley Police District and incorporate modern policing facilities.	\$12.0 million (ETC)
New Fire Stations at Oran Park and Marsden Park	
These stations and new fleet will be located in urban-rural interface growth areas in the north-west and south-west of Sydney providing urban fire coverage as well as strategic support to the NSW Rural Fire Service.	\$11.6 million (ETC)

Table 2.13: Key Stronger Communities projects continuing in this Budget:

Project	Investment
Prison Bed Capacity Program	
Delivering fit-for-purpose capacity across the custodial system, through the development and implementation of additional immediate, short and medium term prison bed capacity.	\$2.4 billion (ETC)
Sustaining Critical Infrastructure Program	
Supporting critical infrastructure upgrades across the Department of Communities and Justice, through investment in Audio Visual Link facilities and enhancements of courthouses, correctional facilities and youth justice facilities. ETC covers Sustaining Critical Infrastructure Program Phase 1 and Sustaining Critical Infrastructure Program Phase 2.	\$220.0 million (ETC)
Replacement of Fire Appliances Program	
This project replaces aged essential firefighting vehicles and supplies additional vehicles to areas of high demand, based on community needs. This ensures the community is consistently supported by operational vehicles that are safe, reliable and incorporate the latest advances in technology.	\$227.0 million (ETC)

Project	Investment
New and upgraded police stations	
New and upgraded police stations in Bega, Goulburn, Jindabyne area (including Jindabyne, Perisher and Thredbo), Bourke and Bathurst and a new police education and training facility at Dubbo.	\$100.0 million (ETC)
Goulburn Police Academy upgrade	
To incorporate contemporary technology and training facilities and refurbishment of student accommodation and classrooms.	\$60.0 million (ETC)
Digital Courts Reform Program	
Assisting courts and tribunals to adopt digital ways of working that will improve productivity and the experience of citizens. See Box 2.17.	\$33.1 million (ETC)
Prison Body Scanners for Correctional Centres	
Enhancing security by deploying x-ray technology to detect and deter contraband from being smuggled into the centres, helping to keep inmates, visitors and staff safe.	\$15.2 million (ETC)
Youth Justice System Reform Program	
Upgrading critical infrastructure and information technology across Youth Justice Centres to help care for young offenders.	\$6.1 million (ETC)
Albury Courthouse Upgrades	
Upgrades to increase capacity and enhance service delivery including additional custodial courtroom, custodial corridor, judicial chamber, jury assembly space and amenities.	\$5.0 million (ETC)
Civil Justice Initiatives	
Improving the ability of people and small businesses to resolve matters in the justice system quickly, economically and efficiently, alleviating demand pressures on the courts.	\$2.6 million (ETC)

Box 2.17: Digital Courts Reform Program

The program will implement digital ways of working that better meet citizen expectations and help the system resolve matters more quickly. Key features to be implemented in 2021-22 include:

- citizens, parties, the judiciary and court and tribunal staff will be able to access information and interact with the system through contemporary portals
- more procedural matters will be able to be determined through online applications, including procedural decisions for criminal matters
- courts and tribunals will expand electronic lodgement for a wider range of matters and files.

As a result of the Digital Courts Reform Program, citizens will find it easier to use courts and tribunals, with increased access to online services, with fewer required to attend court in person and spend time waiting for small procedural decisions. The court and tribunal network will be able to complete routine tasks more quickly, freeing up time to resolve cases.

The Program will position courts and tribunals to respond to any possible future disruptions to operations. The ETC of the Program is \$33.1 million, with \$14.5 million allocated in 2021-22.

Box 2.18: Providing state-of-the-art equipment to keep our communities safe

Fleet Replacement Program – Office of the NSW State Emergency Service (SES)

The NSW SES Operational Fleet consists of vehicles, boats and trailers and is owned by the NSW Government following transition from local councils. The Fleet Replacement Program invests \$116.0 million to maintain community confidence and timely response to NSW communities through a reliable and safe operational fleet.

Stay Safe and Keep Operational program - Office of the NSW State Emergency Service

\$47.7 million program to safely maintain existing agency front line communications whilst the enhanced Government Radio Network (GRN) is being delivered through the Critical Communications Enhancement Program (CCEP). Aimed at maintaining continuity of communications in poor coverage areas, blackspot areas and when networks are compromised.

Pages 5-40 to 5-48 of Chapter 5 of this Infrastructure Statement lists the major capital projects and minor works for the Stronger Communities cluster, including the ETC, expenditure to 30 June 2021, and 2021-22 allocation.



Premier and Cabinet

The Premier and Cabinet cluster works for the people of New South Wales by supporting the Premier and the Cabinet to deliver the Government’s objectives. It also delivers a diverse range of outcomes including infrastructure, long term planning, commercial deals for major developments and precincts, preparedness for disaster and incident recovery, brings the voices of Aboriginal people into policy making, supports arts and culture, protects and preserves the State’s heritage, delivers policy and services, facilitates stewardship of the public service and attracts new and expanding businesses to create jobs for the people of New South Wales, along with growing the visitor economy.

\$3.5
billion

Capital
Expenditure to
2024-25

\$1.3
billion

Capital
Expenditure
2021-22

The Premier and Cabinet cluster’s civic and cultural infrastructure investment is designed to create vibrant, innovative centres to drive industry, jobs, tourism and cultural visitation.

This Budget includes \$3.5 billion in capital spending to the Premier and Cabinet cluster for key initiatives and projects over the four years to 2024-25.

Box 2.19: Bradfield City Centre

The NSW Government is investing more than \$1.0 billion to activate Australia’s first 22nd century city, Bradfield, which will support up to 17,600 high-skilled jobs.

Situated within the Western Parkland City, the Bradfield City Centre will be built with the Western Sydney International (Nancy-Bird Walton) Airport and new Sydney Metro – Western Sydney Airport at its doorstep. It will grow into Sydney’s third city, to take its place alongside the other great city centres of Sydney and Parramatta.

The Government has committed \$870.0 million in capital funding for enabling works to prepare the site and build a solid foundation for the state’s first smart city. In addition, \$47.8 million in capital funding has been committed over 2021-22 to 2022-23 for the construction of a \$24.9 million high-tech facility as Bradfield’s First Building which will house \$22.9 million worth of shared-use equipment for research institutions and industry to collaborate.

The project is ambitious and will be achieved through a collective partnership between government, industry, business and the community.

Bradfield City Centre will be a key driver of economic growth and help to deliver up to 200,000 new jobs across the Western Parkland City.

Table 2.14: Key new Premier and Cabinet projects commencing in 2021-22 included in this Budget:

Project	Investment
Bradfield City Centre enabling works	
Undertaking early works and site preparation for Bradfield, Australia's first 22 nd century city, to be built on the doorstep of the new Western Sydney International (Nancy-Bird Walton) Airport and Sydney Metro.	\$870.0 million (ETC)
Bradfield City Centre precinct activation	
Works required to develop on-site presence at Bradfield and provide initial advanced manufacturing facilities and equipment for research institutions and industry to collaborate.	\$47.8 million (ETC)
Ultimo Powerhouse Museum	
Transformation of the Ultimo Powerhouse Museum into a dynamic precinct featuring world-class exhibition spaces focusing on presenting the iconic Powerhouse Collection, including design and fashion, education and research. This project is expected to be completed by 2027 subject to procurement of a main works contractor.	\$165.6 million (over next four years) \$3.8 million (2021-22)
Voting Centre Devices	
Investment in voting centre devices to modernise the electoral process and support the delivery of independent and fair NSW elections. Implementation is expected to be completed by 2022.	\$7.1 million (ETC)

Table 2.15: Key Premier and Cabinet projects continuing in this Budget:

Project	Investment
New Powerhouse Museum in Parramatta and expansion of the Museum Discovery Centre in Castle Hill	
Exhibition spaces of extraordinary scale to support delivery of a constantly changing program of exhibitions showcasing Powerhouse collections, due for completion in 2024 subject to procurement of a main works contractor.	\$840.0 million (Government contribution)
Sydney Football Stadium Redevelopment	
Redeveloping the Sydney Football Stadium into a modern, world-class venue, to ensure Sydney has a sporting and entertainment precinct of an international standard and that New South Wales remains the number one choice for sporting and entertainment events, due for completion in 2022.	\$828.0 million (ETC)
New Sydney Fish Markets at Blackwattle Bay	
Revitalising Blackwattle Bay with the site to include a variety of fishmongers, restaurants, cafes, bars and specialty food stores in a four-storey market stall, due for completion in 2024.	\$750.0 million (ETC)
Walsh Bay Arts Precinct	
Revitalising the Walsh Bay Arts Precinct to house an expanded group of prestigious arts companies and showcase diverse cultural events. Wharf 4/5 commenced operation in late 2020, with Pier 2/3 due for completion in late 2021.	\$371.3 million (ETC)
Sydney Modern	
Transforming the Art Gallery of New South Wales into a two building institution, almost doubling the exhibition space, due for completion in 2022.	\$344.3 million (ETC)
Barangaroo Precinct	
A major urban renewal project encompassing a continuous Sydney Harbour promenade, expansive parklands, plazas and coves, office space and homes for 3,500 residents, due for completion in 2028.	\$392.7 million (ETC)

Project	Investment
Sydney Opera House Stage 1 Renewal	
The Stage 1 Renewal program includes major upgrades to the world-famous Concert Hall, a new centre for creativity, a new premium function and events centre, and entry and foyer upgrades to improve accessibility, due for completion in 2022.	\$217.9 million (ETC)
Arts Maintenance and Upgrades Fund	
Establishment of a fund to improve the accessibility, sustainability and functionality of cultural infrastructure, due for completion in 2022.	\$103.8 million (ETC)
Australian Museum Redevelopment Stage 1	
Project Discover, Stage 1 of the redevelopment of the Australian Museum was made possible through a \$50.5 million NSW Government contribution. The Museum is being transformed through new public galleries, an exhibition hall and expanded educational and engagement capabilities. The Museum re-opened to the public in November 2020, with final stages of the redevelopment due for completion in 2022.	\$55.0 million (ETC)
Sydney Innovation and Technology Precinct (Tech Central)	
A future focal point of vibrant innovation and technology in the heart of the Sydney CBD with space for technology companies including startups and scaleups.	\$12.3 million (ETC)
State Library of NSW Capital Upgrades	
The upgrades involve constructing an accessible entrance for the Mitchell Building with a new link between Mitchell and Macquarie Street Buildings, restoring the historic Mitchell Reading Room and upgrades to the fire systems, due for completion in 2023.	\$12.3 million (ETC)

Pages 5-31 to 5-37 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Premier and Cabinet cluster (with cultural venues), including the ETC, expenditure to 30 June 2021, and 2021-22 allocation.



Customer Service

The Customer Service cluster is committed to providing trustworthy, effective and easy-to-use services for customers and communities, no matter who they are, where they are or what they need. This includes delivering world-class services in person, online and over the phone, and improving digital availability, reliability and security of NSW Government platforms, information and services.

\$1.5
billion

Capital
Expenditure to
2024-25

\$697.3
million

Capital
Expenditure
2021-22

Government has increased investment in the Digital Restart Fund by \$500.0 million to \$2.1 billion in total. The Digital Restart Fund was established in 2020 to promote a progressive, whole-of-sector approach to digital initiatives, enabling clusters to drive productivity and efficiency.

Box 2.20: New investment in Digital Restart Fund continues commitment to digital transformation

An additional \$500.0 million will be invested in the Digital Restart Fund (DRF) over three years from 2021-22, increasing the total funding to \$2.1 billion and extending the DRF by one year.

This new investment will continue to build the State's capacity to deliver customer-centric and whole-of-sector digital transformation, drive productivity and efficiency across government services, and build cyber security resilience.

Since the Half Year Review, the DRF has contributed to the funding of significant new investments across Government³:

- The Ministry of Health's Single Digital Patient Record - Phase 1 project to improve the quality and safety of care for patients by enhancing care coordination across hospital and other settings.
- The Department of Customer Service's eConstruction initiative to develop digital platforms for certification registries, aimed at delivering end to end quality assurance for builders, customers and suppliers to improve the transparency, accountability and quality of work within the building sector.
- Cyber security projects across the Departments of Education, Planning Industry and Environment, Premier and Cabinet, Communities and Justice, Police, Transport for NSW, and the Ministry of Health to improve the security of operating systems and applications and proactively manage cyber security threats.

This Budget includes \$1.5 billion in capital spending for Customer Service initiatives and projects over the four years to 2024-25.

³ These investments are allocated from existing investment in the Digital Restart Fund and have no budget impacts

Table 2.16: Key new Customer Service projects commencing in 2021-22 included in this Budget:

Project	Investment
Critical Communications Enhancement Program – Stage 4	
Consolidation of separate Government-owned radio networks to facilitate a co-ordinated Government response to critical incidents and emergencies.	\$660.2 million (ETC)
Modern Licensing and Compliance Program	
Continuing the delivery of additional digital licence scheme products to make it easier for citizens and businesses to gain authorisation to perform an activity, and regulators to manage licences and compliance effectively. See Box 2.21.	\$104.3 million (ETC)
Energy Security Licensing Upgrade	
An upgrade of licensing systems administered by the Independent Regulatory and Pricing Tribunal (IPART).	\$5.1 million (ETC)

Table 2.17: Key Customer Service projects continuing in this Budget:

Project	Investment
Critical Communications Enhancement Program – Stage 3	
Consolidation of around 70 separate agency radio networks into one shared network under the State's existing Government Radio Network, which will deliver greater access to public safety standard radio communications for the State's first responders and essential service agencies.	\$198.0 million (ETC)
Assured Revenue program	
Improved compliance through the Assured Revenue program, which delivers transformational improvements in customer experience, with seamless integration with Service NSW for taxes and fines, making it easier for our customers to comply with their obligations.	\$8.0 million (ETC)
New Service NSW service centres	
Continue the expansion of the Service NSW footprint throughout local communities to provide greater access for customers to government services, as part of the 10 new Services Centres election commitment.	\$14.9 million (ETC)

Box 2.21: Making life easier

Modern Licensing Compliance

The Government has invested \$104.3 million to digitally transform the licensing compliance regime in New South Wales. This will improve the customer experience by enhancing the ease and speed with which customers can apply, review and use licences, and will allow regulators to better monitor and enforce licencing requirements.

Initial efforts will be focused on Trade, Conveyance, Asbestos and Paintball licences and additional licences will be included over time.

This is part of the Government's focus on customer driven business transformation across the sector which will lead to improved outcomes for all.

eConstruction

The Government has invested \$23.0 million to develop digital platforms to deliver end to end quality assurance for customers, supplies and builders in the construction sector, to improve the transparency, accountability and quality of work.

There will be a single source of information that is accessible to all, improving productivity and efficiency while providing increased assurance across the sector. This work will complement and add to the Government's landmark building reforms to restore public confidence in the building industry.

Enhancements will also be made to the ePlanning Portal and work will commence on developing a Strata Portal.

Pages 5-5 to 5-7 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Customer Service cluster, including the ETC, estimated expenditure to 30 June 2021, and 2021-22 allocation.

3. INFRASTRUCTURE IN PLACE AND DELIVERING FOR NEW SOUTH WALES

3.1 Key infrastructure delivered since 2011

The Government has invested \$153.9 billion in new and upgraded infrastructure over the period 2011-12 to 2019-20. These achievements have made New South Wales more liveable, productive and responsive to the needs of the community. NSW residents can now enjoy:

- more reliable and accessible public transport and roads to better connect people to jobs and their communities
- new and upgraded schools supporting teachers to educate the leaders of the future
- modern health facilities including hospitals, ambulance stations and community health centres, enabling health professionals to provide world-class health care to keep people healthy and well
- improved access to the cultural treasures and natural assets that make New South Wales unique, such as national parks, upgraded libraries and museums
- strengthened human connection through digital innovation
- modern facilities for front-line police, emergency services and fire and rescue first responders to keep communities safe.

The Government's infrastructure program has been made possible by a successful Asset Recycling Strategy and strong fiscal discipline, complemented by rigorous project assessment and prioritisation.

3.2 Key infrastructure projects delivered in 2020-21

Box 3.1: Completed projects connecting people to world-class services

The Government's record infrastructure program continues to support jobs to provide better service delivery and quality outcomes. Completed projects are moving from the pipeline to the present, delivering great outcomes for the people of New South Wales and helping to make the best services even better.

A new ambulance station at Cootamundra, delivered through the first stage of the \$232.1 million Rural Ambulance Infrastructure Reconfiguration Program, has responded to 6.2 cases per day since opening on 18 December 2020. The new ambulance station at Sawtell has responded to 8.8 cases per day since opening on 13 April 2021.

On Day 1, Term 1 2021, students were able to attend Galungara Public School, a new primary school for up to 500 students from years K-6. The new school provides 19 innovative learning spaces, a library, hall, canteen and covered outdoor learning area and administration and staff facilities.

Two Bell 412 helicopters commenced operations at the start of the 2020-21 bushfire season, flying a total of 51 missions. They are available for rapid aerial response in remote areas, as well as search-and-rescue missions and flood events.

Table 3.1: Key Health projects delivered in 2020-21

Key Health projects delivered in 2020-21

Mona Vale Hospital Redevelopment - Geriatric Evaluation and Management Unit and Palliative Care Unit

Part of the \$618.9 million Northern Beaches Health Service Redevelopment. The project includes a new Palliative Care Unit to support best practice palliative care services and a new Geriatric Evaluation and Management Unit for early assessment and treatment for people experiencing health conditions associated with ageing. The two units opened in February 2021, with the Palliative Care Unit being the first of its kind for the Northern Beaches community.

Wagga Wagga Base Hospital Redevelopment

A \$431.4 million redevelopment, comprising the Wagga Wagga Base Hospital, a 24-hour Emergency Department and a custom-built Health Services Hub. The Hub commenced its community-based services in March 2021 and provides over 60 health services including allied health, community health and ambulatory care clinics to accommodate a wide range of public health services for communities across the district. The Hub also includes a dedicated Aboriginal meeting room and cultural courtyard to create a welcoming environment for Aboriginal people and to recognise the importance of cultural beliefs and practices of Aboriginal people.

Projects under the Sydney Ambulance Metropolitan Infrastructure Strategy (SAMIS)

A new Randwick Superstation, operational from February 2021, a new Mona Vale Ambulance Station, operational from May 2021 and the Holroyd Paramedic Response Point, operational from November 2020, as part of the \$184.0 million SAMIS program, to provide paramedics state-of-the-art facilities to deliver exceptional emergency patient care.

Projects under the Rural Ambulance Infrastructure Reconfiguration Program

New ambulance stations at Cootamundra, operational from December 2020 and Sawtell, operational from April 2021, as part of the first stage of the \$232.1 million program to ensure local paramedics have fit-for-purpose facilities to better meet the emergency care needs of the local community. See Box 3.1.

Projects under the HealthOne Strategy

New and expanded health facilities at Ulladulla, operational from November 2020 and Merrylands, operational from January 2021, as part of the \$100.0 million HealthOne strategy, that brings together general practice, community health services and allied health practitioners in multidisciplinary teams to deliver an integrated health approach from prevention to continuing care.

Bowral & District Hospital Redevelopment - Stage 1

See Box 3.2.

Key Health projects delivered in 2020-21

Inverell Hospital Redevelopment

The \$60.0 million redevelopment provides a modern, fit-for-purpose, expanded health care unit, including a new emergency department, expanded inpatient capacity, medical imaging, a modern operating theatre, expanded day surgery unit, increased capacity for renal dialysis and an improved waiting area at the main entrance.

Manning Hospital Redevelopment - Stage 1

A \$40.0 million purpose-built facility with enhanced cancer care and renal dialysis services, improved access for patients, a new medical imaging floor, a renovated main entrance and a new patient and staff car park.

Bankstown-Lidcombe Emergency Department Expansion

See Box 3.2.

The completion dates identified in Chapter 5 are the financial completion dates, which involve the finalisation of all commercial payments and confirmation that all contractual obligations have been met. This may occur 12-18 months after the building becoming ready for commissioning and occupation by patients and staff.

Box 3.2: Health projects completed in 2020-21

Bowral & District Hospital Stage 1 Redevelopment

The \$68.7 million Bowral & District Hospital Stage 1 redevelopment features a new emergency department, state-of-the-art operating theatres, a new maternity unit and birthing suites, new rehabilitation spaces and a new hospital entrance.

Since opening in December 2020, 120 babies have been born in the new maternity unit as well as more than 3,800 emergency presentations to the new emergency department and over 530 surgeries performed in the new operating theatres.

Bankstown-Lidcombe Emergency Department Expansion

The \$25.0 million redevelopment of Bankstown-Lidcombe Hospital Emergency Department opened in October 2020 and includes additional adult and paediatric treatment spaces, a dedicated waiting area, enhanced mental health care facilities, additional resuscitation beds, increased capacity in the short-stay unit and a layout designed to better streamline the flow of patients.

*Table 3.2: Key Education and Skills projects delivered in 2020-21***Key Education and Skills projects delivered in 2020-21****Barramurra Public School – Catherine Field**

A new primary school to cater for up to 1,000 students from years K-6. The project delivered 44 flexible learning spaces, a library, hall, canteen and covered outdoor learning area (COLA) and administration, outdoor multipurpose activity areas and staff facilities.

Estella Public School – Wagga Wagga

A new primary school for up to 480 students from years K-6. The project delivered 16 flexible learning spaces a library, hall, canteen and COLA and administration and staff facilities.

Galungara Public School (Alex Avenue)

The new primary school provides 19 innovative learning spaces, a library, hall, canteen and covered outdoor learning area and administration and staff facilities.

Tirriwirri School – Queanbeyan (School for Specific Purposes)

A new School for Specific Purposes (SSP), adjacent to Karabar High School, that recognises the growing needs in the area. The project delivered seven learning spaces for Kindergarten through to Year 12, special programs rooms and withdrawal space.

Penshurst Public School

A new primary school for up to 1,000 students from years K-6. The project delivered 47 new flexible learning spaces, a library, hall, COLA, open play space, new administration facilities and student and staff amenities.

Major upgrades delivered

Major upgrades to improve learning environments and support teachers and students at Brookvale Public School, including improved outdoor play space, a new hall and two new learning spaces.

Ajuga School, Glenfield Park School and Campbell House School upgraded with new learning spaces, new life skills spaces and practical activity spaces.

TAFE Connected Learning Centres

New Connected Learning Centres opened in West Wyalong (February 2021) and Tomaree (June 2021) that utilise interactive, digitally enabled, flexible and multi-purpose learning environments, enabling high-quality training, exceptional learning experiences and accessible support services across the whole of New South Wales.

Table 3.3: Key Transport projects delivered in 2020-21

Key Transport projects delivered in 2020-21**Pacific Highway - Woolgoolga and Ballina**

The \$5.3 billion final link in the Pacific Highway upgrade, opened to traffic in December 2020, delivered 155 kilometres of four-lane divided road between Hexham and the Queensland border, a 25 minute travel time saving, while also improving safety and reducing fatalities on the Pacific Highway by more than 75 per cent since construction started.

WestConnex M8

The \$4.3 billion WestConnex M8 opened in July 2020 and provides nine kilometres of twin tunnels from the M5 East at Kingsgrove to the newly built interchange at St Peters which doubles capacity of the M5 East Tunnels and saves motorists around 30 minutes on a journey from south west Sydney to the southern CBD.

Newcastle Interchange

The final transport link in the State's \$650.0 million Revitalising Newcastle program, opened in July 2020. The interchange creates a fully integrated transport hub connecting buses, coaches, heavy rail and light rail, increasing connectivity in and around Newcastle.

Bringelly Road upgrade

A \$509.0 million upgrade opened to traffic in December 2020. The upgrade of Bringelly Road between Camden Valley Way, Leppington and The Northern Road, Bringelly integrates transport in the region and will capitalise on the economic benefits from the new Western Sydney International (Nancy-Bird Walton) Airport, now under construction. The upgrade improves safety and increases road capacity and will reduce congestion and travel times in the future.

Newell Highway – Mungle Back Creek to Boggabilla

Completion of a \$203.0 million upgrade of the Newell Highway near the Queensland border opened to traffic in April 2021. The works were funded by the NSW and Commonwealth Governments, delivering pavement upgrades, wider lanes and shoulders, two new overtaking lanes and improving safety for all road users.

Sydney Airport North, O'Riordan Street Widening

A \$152.0 million project, completed in October 2020, to upgrade the Sydney Airport internal road network and improve traffic in the roads around Sydney's critical international gateway.

Windsor Bridge Replacement over the Hawkesbury River

The \$130.0 million new Windsor Bridge opened progressively to traffic with the final configuration open from December 2020. The new Windsor Bridge and upgraded intersections are now providing a safe and reliable crossing over the Hawkesbury River at Windsor.

Ellerton Drive extension

The \$86.0 million (\$25.0 million State, \$25.0 million Commonwealth and \$36.0 million Queanbeyan-Palerang Regional Council funding), 4.6 kilometre extension opened to traffic in July 2020 and provides an alternate route around the Central Business District and connects east and west Queanbeyan to new population growth areas in the south.

Gunnedah Second Road over Rail Bridge

The \$61.0 million bridge opened to traffic in November 2020 ahead of schedule. This addresses a key freight pinch-point for the North West and improves safety for all road users.

Extra lanes on the New England Highway

Two extra lanes on the New England Highway, between Racecourse Road and Anambah Road Rutherford, completed in December 2020 as part of Rebuilding NSW, to tackle road congestion in the Hunter.

M4 Smart Motorway

Between Mays Hill and Lapstone, the M4 Smart Motorway commenced operation in December 2020 and is the first smart motorway in New South Wales. The new structures and technology work in combination to provide a flexible, safe and efficiently managed motorist experience.

Briner Bridge upgrade

The upgrade, completed in March 2021, delivers a wider, higher load capacity bridge, improving road freight productivity between Tucabia and Ulmarra/Grafton.

*Table 3.4: Key Planning, Industry and Environment projects delivered in 2020-21***Key Planning, Industry and Environment projects delivered in 2020-21****Social and Community Housing projects – Aboriginal Housing Office**

\$76.3 million for new housing supply, upgrades and maintenance works through the Aboriginal Housing Office, to ensure Aboriginal communities have access to quality, affordable housing.

Groundwater Monitoring Bores

\$22.6 million for construction of new groundwater monitoring bores in areas of large coal mining and coal seam gas developments such as Gunnedah, Narrabri and Newcastle, enabling improved public information on groundwater resources.

Coast Track upgrades

An \$11.3 million upgrade to the Coast Track in the Royal National Park between Bundeena and Otford. The upgrade provides a safer walking experience with enhanced signage, information and visitor amenities while reducing erosion impacts on native vegetation along the 26-kilometre track.

Bushfire Hazard Reduction

\$5.7 million for various bushfire hazard reduction initiatives across the State to reduce the risk of bushfires and improve bushfire resilience.

National Parks Short Stay Accommodation

\$3.2 million to upgrade short stay accommodation in the State's national parks, including at Judges House in Murrumbidgee National Park, Steele Point and Gardeners Cottage in Sydney Harbour and Davies Cottage in Myall Lakes National Park supporting access to NSW natural treasures.

*Table 3.5: Key Regional NSW projects delivered in 2020-21***Key Regional NSW projects delivered in 2020-21****Offshore Artificial Reef**

Part of a \$4.4 million long term strategy of building offshore reefs to promote ecological sustainable development, conserve biological diversity and enhance recreational fishing opportunities with the creation of additional habitat for local aquatic organisms and fish. The Tweed Offshore Artificial Reef was deployed in October 2020.

Table 3.6: Key Stronger Communities projects delivered in 2020-21

Key Stronger Communities projects delivered in 2020-21

Future Light Helicopter Program

A \$49.8 million project to replace PolAir 1, 3, and 4 of the NSW Police Force helicopters. The PolAir fleet now consists of five helicopters and three fixed wing aircraft and services an area of approximately 800,000 square kilometres. This advanced technology assists with major crime investigations and search and rescue missions to strengthen the NSW Police Force's ability to respond to, disrupt and prevent crime to keep New South Wales safe.

New Queanbeyan Police Station and upgraded Gosford Police Station

The \$32.7 million new Queanbeyan Police Station and the \$3.5 million upgrade to Gosford Police Station providing officers the facilities, equipment and infrastructure they need to keep our communities safe.

Regional Small Police Station Program

As part of a \$15.9 million program for regional police stations, new or upgraded facilities were opened for operations at Lemon Tree Passage (June 2021) and South West Rocks (June 2021). Each station has enhanced security and provides modern amenities to facilitate police and community usage.

Dubbo and Queanbeyan Courthouses Upgrades

Full refurbishment of the Dubbo (\$3.0 million) and Queanbeyan Courthouses (\$8.6 million), bringing them in line with modern standards and facilitating integration into the broader precinct. The Dubbo Courthouse upgrade included the construction of a new multi-purpose custodial courtroom and space for an additional judge, associate registry and interview room. The upgrade of Queanbeyan Courthouse comprised a call-over court, new hearing room, members office and a conference room.

Rural Fire Service Emergency Helicopters

The \$10.5 million emergency helicopter purchase provides better coverage to assist with fire and flood events, especially given the increasing duration of bushfire seasons. The Rural Fire Service will have enhanced year-round capability and be better able to respond to emerging situations.

Manly Fire Station Renovation and Restoration

The \$2.9 million Manly Fire Station Renovation and Restoration project is providing firefighters with modern amenities, including male/female facilities and improved work health and safety conditions while preserving a 100-year old heritage building.

Table 3.7: Key Customer Service projects delivered in 2020-21

Key Customer Service projects delivered in 2020-21

Service NSW site and technology upgrades

To support an increase in the number of services offered through its one-stop shop model across the State and to match increased customer demand, particularly in the digital channel, with Service NSW the lead agency in delivery of COVID-19 support measures for both individuals and business (\$86.0 million).

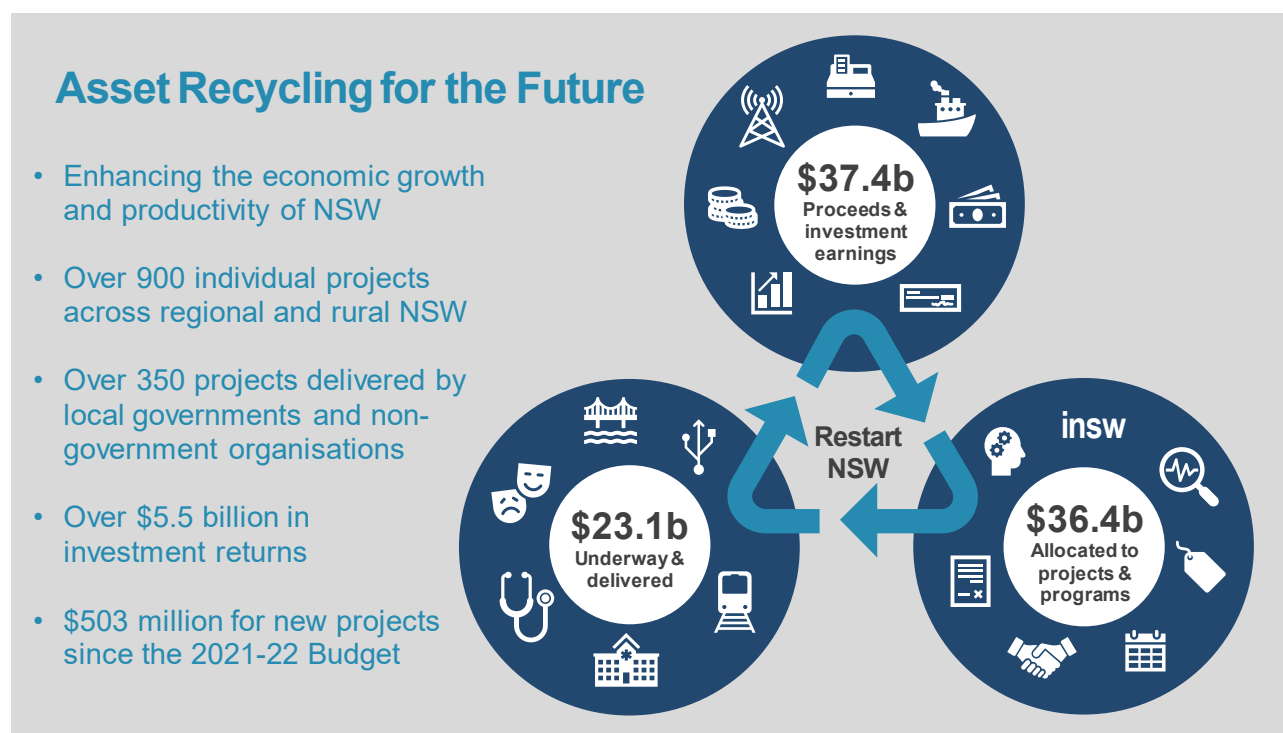
4. THE RESTART NSW FUND

- The Government established the Restart NSW Fund (Restart NSW) in 2011 to enable investment in the delivery of high-priority infrastructure projects.
- Of the forecasted \$37.4 billion inflows into Restart NSW as at 30 June 2021, \$30.6 billion has been committed to specific projects and programs. This represents an increase of 1.7 per cent compared to the 2020-21 Budget. Of the remaining balance, \$5.9 billion is reserved to enable further project development and assurance prior to final investment decisions.
- Restart NSW has invested in 746 commitments for local government and non-government organisations, with 361 of these completed and benefitting local communities as at 31 March 2021.
- The Government is on track to achieve its target of 30 per cent of Restart NSW allocations to regional areas outside the metropolitan areas of Sydney, Newcastle, and Wollongong, over the life of the fund.

4.1 Overview

The Government established Restart NSW in 2011 to improve the State's economic growth and productivity through the delivery of high-priority infrastructure projects. Restart NSW is supported by the Government's successful asset recycling program which has facilitated the continued delivery of the infrastructure program.

Figure 4.1: Restart NSW and Asset Recycling



The value of inflows into Restart NSW is forecast to be \$37.4 billion as at 30 June 2021. Of this amount, the Government has committed and reserved \$36.4 billion for specific infrastructure projects and programs, as shown in Table 4.1.

Table 4.1: Restart NSW Fund (expected position as at 30 June 2021)

	Restart NSW	Table reference
Total inflows ^(a)	\$37.4 billion	4.4
Commitments ^(b)	\$30.6 billion	4.2
Reservations	\$5.9 billion	4.3
Unallocated balance ^(c)	\$1.0 billion	

(a) Total inflows include the recognition of \$4.6 billion of unrealised investment returns in the NSW Infrastructure Future Fund (NIFF) as an inflow into Restart NSW. A portion of the investment returns in the NIFF remain unallocated as a prudential buffer against future volatility and are not presently recognised as an inflow into Restart NSW.

(b) Commitments include \$301.2 million in funding from the Consolidated Fund for the \$1.0 billion Safe and Secure Water Program to enable the funding of crucial water infrastructure based on community needs.

(c) The Government intends to invest the current unallocated balance into infrastructure projects in regional New South Wales.

A total of \$30.6 billion has been committed from Restart NSW for the planning and delivery of infrastructure projects and programs, as further detailed in Table 4.2. Of these commitments, \$23.1 billion has already been paid to over 850 projects across New South Wales as at 26 May 2021.

A further \$5.9 billion has been reserved in Restart NSW for identified projects and programs, as detailed in Table 4.3. Reservations enable the Government to undertake comprehensive project development and assurance reviews prior to final allocations.

4.2 Restart NSW commitments and reservations

Restart NSW commitments

Total Restart NSW commitments are \$30.6 billion as at the 2021-22 Budget, including an additional \$503.1 million that has been committed to projects since the 2020-21 Budget (Table 4.2). Of these commitments, \$23.1 billion has been paid to over 850 projects across New South Wales as at 26 May 2021.

A commitment can only be made once the Treasurer has accepted a specific funding recommendation from Infrastructure NSW for an individual project, as required by the *Restart NSW Fund Act 2011*. All Restart NSW commitments are supported by comprehensive business cases and have undergone rigorous financial analysis and economic assessment.

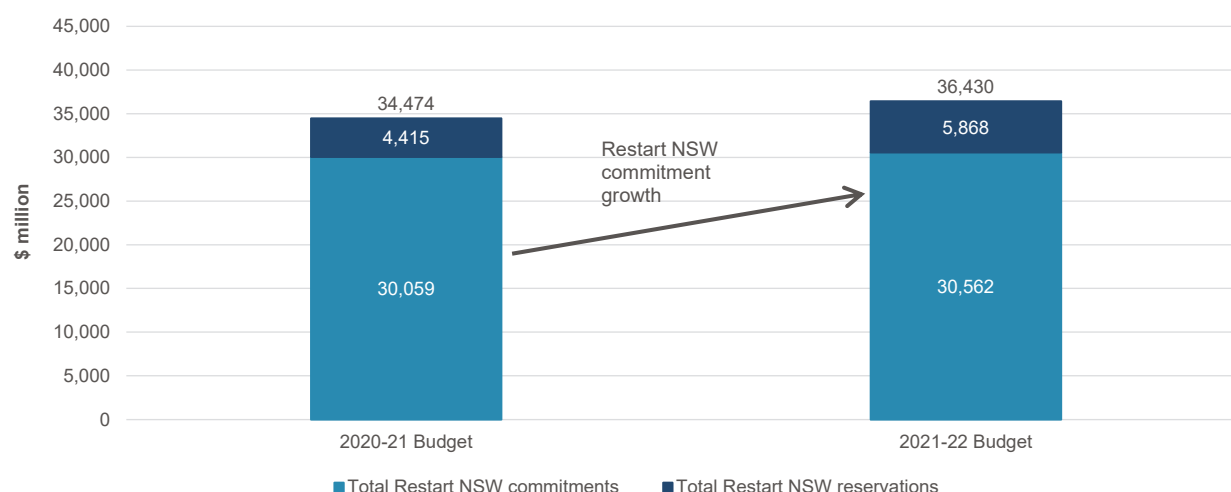
Table 4.2: Restart NSW commitments

	Commitments \$m
Commitments as at the 2020-21 Budget	30,058.7
Commitments approved since the 2020-21 Budget	
Regional Road Freight Corridor	226.3
Western Sydney roads for Sydney's Second Airport	219.4
Newcastle Inner Bypass 'Missing Link' (Rankin Park-Jesmond)	32.5
NSW Cycling Infrastructure Initiative	30.7
Housing Acceleration Fund (HAF5)	27.8
Smart Motorways	21.6
Fixing Country Rail	17.5
Bridges for the Bush	11.0
Total commitments approved since the 2020-21 Budget	586.7
Reprofiling of existing commitments^(a)	(83.6)
Total commitments as at the 2021-22 Budget	30,561.8

(a) Includes savings from completed projects and relinquished funding for projects no longer proceeding.

The additional \$503.1 million in commitments represents a 1.7 per cent increase on the \$30.1 billion in commitments approved at the 2020-21 Budget (Chart 4.1). This reflects the transition of the Government's infrastructure program from planning reservations to delivery.

Chart 4.1: Restart NSW commitments and reservations



Restart NSW reservations

A total of \$5.9 billion of Restart NSW funds are reserved to deliver future projects and programs as at the 2021-22 Budget (Table 4.3).

Reservations are Restart NSW funds that have been set aside for specific projects and programs prior to receiving a funding recommendation from Infrastructure NSW. This enables the Government to undertake additional project development and assurance processes before making a final decision on whether to proceed with a project.

The Budget aggregates include the estimated direct budget impact of spending Restart NSW reservations. This reflects the Government's commitment to fully invest all reservations in economically beneficial projects and programs over the life of the fund.

Table 4.3: Restart NSW reservations

	Reservations \$m
Reservations as at the 2020-21 Budget	4,415.3
Reservation approved since the 2020-21 Budget	
Sydney Metro West	1,400.0
Regional Road Freight Corridor	320.0
New Intercity Fleet (previously Next Generation Rail Fleet)	280.0
Total reservations approved since the 2020-21 Budget	2,000.0
Reservations used to fund commitments since the 2020-21 Budget^(a)	(547.5)
Total reservations as at the 2021-22 Budget	5,867.8

(a) Includes savings from completed projects and funding relinquished for projects no longer proceeding.

4.3 Funding sources

Restart NSW is forecast to reach \$37.4 billion by 30 June 2021 (Table 4.4), an increase of \$2.1 billion since the 2020-21 Budget, almost entirely due to the recognition of a further \$2.0 billion in investment earnings from the NSW Infrastructure Future Fund (NIFF).

Table 4.4: Restart NSW funding sources

	Total Inflows \$m
Asset recycling	25,124.7
TransGrid (including stamp duty)	6,578.6
Ausgrid (including stamp duty)	5,561.4
Port Botany and Port Kembla (including stamp duty)	4,253.3
Endeavour Energy (including stamp duty)	2,841.9
Land and Property Information	2,606.8
Newcastle Port (including stamp duty)	1,575.6
Macquarie Generation (including stamp duty)	713.6
Property NSW (various asset recycling transactions)	504.8
Sydney Desalination Plant	312.0
Green State Power	86.9
Eraring Power Station	48.1
Delta Electricity (various asset recycling transactions)	25.6
Pillar Corporation (including stamp duty)	16.2
Cash deposits from the Consolidated Fund	2,336.5
Windfall tax revenues	2,293.0
Investment earnings to date^(a)	5,543.1
Asset Recycling Initiative payments	1,007.9
Waratah Bonds	1,130.4
Total Inflows (see Table 4.1)	37.4 billion

(a) Total inflows include the recognition of \$4.6 billion of unrealised investment returns in the NSW Infrastructure Future Fund (NIFF) as an inflow into Restart NSW. A portion of the investment returns in the NIFF remain unallocated as a prudential buffer against future volatility and are not presently recognised as an inflow into Restart NSW.

The Government established the NIFF in December 2016 as the investment vehicle for Restart NSW proceeds. These proceeds are invested in a range of financial assets with a higher earning potential than cash deposits and an investment horizon that matches the forecast expenditure requirements of Restart NSW. Earnings from the NIFF support the delivery of the Government's Restart NSW and Rebuilding NSW infrastructure programs.

4.4 Investing in regional New South Wales

The Government has committed to investing 30 per cent of Restart NSW in regional areas outside of the metropolitan areas of Sydney, Newcastle and Wollongong over the life of the fund.

To date, \$10.2 billion from Restart NSW has been committed and reserved for programs and projects in regional New South Wales. This comprises \$8.8 billion in commitments and \$1.5 billion in reservations for future projects.

Since the 2020-21 Budget, the Government has committed an additional \$238.2 million for regional projects.

Additionally, the Government has bolstered investment in regional New South Wales through initiatives such as the Snowy Hydro Legacy Fund, which will invest \$4.2 billion in major and transformative infrastructure.

Table 4.5: Significant Restart NSW programs in regional New South Wales

Program	Description	Restart NSW commitment at the 2021-22 Budget \$m
Regional Growth: Economic Activation Fund ^{(a)(c)}	Targets investment in economic enabling infrastructure and enhanced data connectivity to support local communities.	912.8
Fixing Country Roads program ^(a)	Improves local and regional roads managed by local government in country areas, to address key freight pinch points and drive freight productivity.	458.2
Water Security for Regions Program	Secures water supplies and drought-proofs regional communities, including dams and bores, and includes the Regional Waste Water and Backlog Water program.	341.4
Bridges for the Bush	Improves road freight productivity by replacing or upgrading bridges in regional New South Wales.	309.1
Resources for Regions ^{(b)(d)}	Supports regional mining-related communities by addressing infrastructure constraints.	223.2
Fixing Country Rail	Relieves bottlenecks by upgrading parts of the regional rail network constraining efficient freight movement.	240.3
Maitland Hospital Development	A new facility to meet the growing health service needs for the surrounding communities of the Hunter Valley now and into the future	195.0
Regional Freight Pinch Point and Safety Program	Improves key road and rail freight corridors in regional areas including the Golden Highway, Kings Highway, Gocup Road and Bells Line of Road.	169.0
Regional Tourism Infrastructure program ^(a)	Improves the economic competitiveness of the State through funding critical regional tourism infrastructure.	110.0
Regional Health Infrastructure program	Fast-tracks regional health infrastructure in Coraki, Grafton, Macksville, Manning, Lismore and Armidale.	50.0
Western NSW Freight Productivity Program	Supports sealing, widening and other improvement works on the Cobb Highway, Silver City Highway and other freight corridors in western New South Wales.	44.7
Illawarra Infrastructure Fund ^(b)	Supports economic growth in the Illawarra region.	35.9
Cobbora Transition Fund	Drives productivity and economic growth in local communities impacted by the land acquisition and other activities associated with the Cobbora Coal Project.	18.3
Hunter Infrastructure and Investment Fund ^(b)	Promotes economic growth and enhances the liveability of the Hunter region.	16.3

(a) The program includes commitments funded from the Regional Community Recovery Fund (part of the \$1.0 billion Bushfire Infrastructure Package).

(b) Only includes the regional component of the program.

(c) The Regional Growth: Economic Activation Fund is comprised of multiple subprograms that are funded from both Restart NSW and the Consolidated Fund.

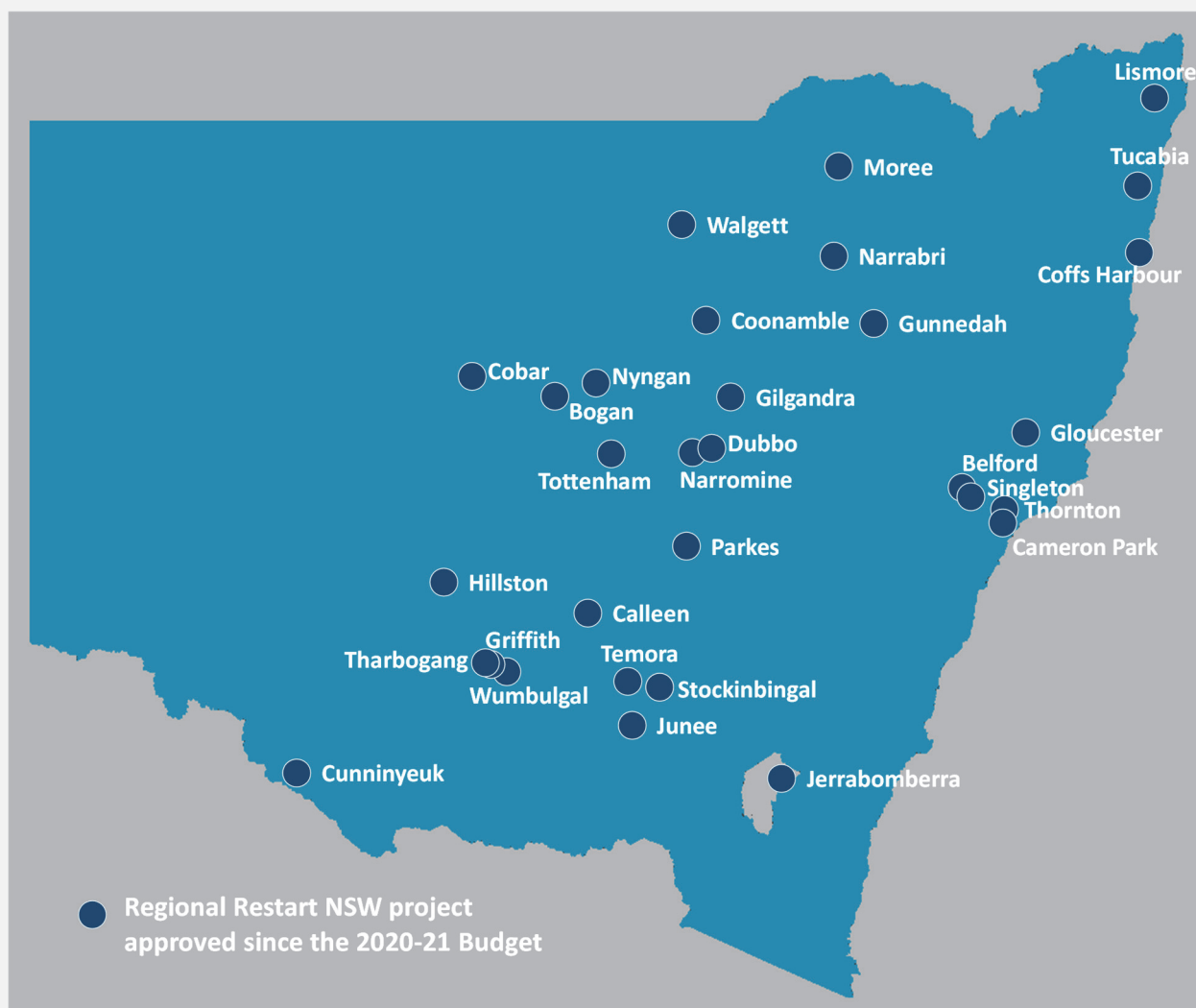
(d) Restart NSW commitments to this program are separate to the funds invested for the Resources for Regions program, from within the Regional Growth: Economic Activation Fund.

Box 4.1: New investment into regional Restart NSW projects

A total of \$8.8 billion¹ has been committed from Restart NSW programs for over 900 individual projects in regional New South Wales. This includes \$238.2 million of new committed funding since the 2020-21 Budget, enabling the delivery of 32 new regional infrastructure projects all across New South Wales as shown in the map below (Figure 4.2). Examples of regional projects to be delivered from across the range of Restart NSW programs include:

- New England Highway: Singleton Bypass (Regional Road Freight Corridor program)
- Junee to Griffith – Intermediate Loop (Fixing Country Rail program)
- Heavy Duty Pavement – Narrabri to Moree (Regional Road Freight Corridor program)
- Colemans Bridge in Lismore (Bridges for the Bush program)
- Jerrabomberra Water and Sewer Services (Housing Acceleration Fund (HAF5))

Figure 4.2: Regional Restart NSW projects approved since the 2020-21 Budget



Additionally, the Government has reserved a further \$1.5 billion across 24 different Restart NSW programs for future regional projects.

¹ Including \$301.2 million in funding from the Consolidated Fund for the \$1.0 billion Safe and Secure Water Program.

4.5 Governance and project selection framework

The Government has implemented a comprehensive governance framework to ensure that Restart NSW funds are invested effectively in infrastructure projects that enhance the State's economic growth and productivity.

The *Restart NSW Fund Act 2011* (the Act) is central to this governance framework. It provides the Government, through the Treasurer, with clear oversight of Restart NSW expenditure and sets out the process for fund allocation. The Act entrusts Infrastructure NSW with responsibility for independently assessing projects and making recommendations to the Treasurer regarding the use of Restart NSW funds.

New infrastructure projects considered for Restart NSW funding are subject to a comprehensive selection process and need to demonstrate that they are financially and economically justifiable. The components of the project assessment framework are:

- strategic assessment to ensure the project aligns with the Act criteria and existing government priorities
- economic assessment to ensure the project can produce a net economic benefit and improve economic growth and productivity in the State (demonstrated by a benefit-cost ratio of greater than one)
- investor assurance, which includes an independent review process to ensure, where required, the project has successfully completed the appropriate business-case processes.

5. General Government Sector Projects

5.1 General government sector projects

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Law Enforcement Conduct Commission	5 - 37
Ombudsman's Office	5 - 37
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Regional NSW

Regional NSW	5 - 38
Regional Growth NSW Development Corporation	5 - 39
Local Land Services	5 - 39
New South Wales Rural Assistance Authority	5 - 39
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Stronger Communities

Department of Communities and Justice	5 - 40
Crown Solicitor's Office	5 - 41
Fire and Rescue NSW	5 - 41
Legal Aid Commission of New South Wales	5 - 42
New South Wales Crime Commission	5 - 42
NSW Police Force	5 - 43
NSW Rural Fire Service	5 - 45
Office of Sport	5 - 45
Office of the NSW State Emergency Service	5 - 46
Multicultural NSW	5 - 46
NSW Trustee and Guardian	5 - 47
Judicial Commission of New South Wales	5 - 47
Office of the Children's Guardian	5 - 48
Office of the Director of Public Prosecutions	5 - 48

Transport

Transport for NSW	5 - 49
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Office of Transport Safety Investigations	5 - 54

Treasury

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Workers' Compensation (Dust Diseases) Authority	5 - 55
NSW Self Insurance Corporation	5 - 55

The Legislature

The Legislature	5 - 56
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Table 5.1: Capital investment by general government sector ^(a)

Agency	Capital Expenditure			
	2020-21	2020-21	2021-22	Variation ^(c)
	Budget ^(b)	Revised ^(b)	Budget ^(b)	
	\$m	\$m	\$m	\$m
Customer Service				
Department of Customer Service	196.2	113.4	222.0	108.6
Information and Privacy Commission	0.2	...	0.3	0.3
Service NSW	66.4	51.7	24.9	(26.8)
Long Service Corporation	5.0	4.7	0.3	(4.4)
New South Wales Government Telecommunications Authority	211.8	124.8	438.9	314.1
State Insurance Regulatory Authority	5.6	2.2	5.6	3.4
Independent Pricing and Regulatory Tribunal	0.2	0.2	5.3	5.1
Education				
Department of Education	2,489.2	2,382.0	3,196.0	814.0
NSW Education Standards Authority	45.9	14.5	1.4	(13.1)
TAFE Commission	263.2	223.1	251.7	28.5
Health				
Ministry of Health	2,858.4	2,818.8	3,094.3	275.5
Health Care Complaints Commission	2.4	0.0	0.1	0.1
Mental Health Commission of New South Wales	0.0	0.2	0.2	0.0
Planning, Industry and Environment				
Department of Planning, Industry and Environment	552.5	315.2	642.2	327.0
Environment Protection Authority	9.5	10.7	14.5	3.8
Natural Resources Commission	...	0.2	0.0	(0.2)
Royal Botanic Gardens and Domain Trust	43.6	45.1	28.7	(16.4)
Sydney Olympic Park Authority	75.6	41.7	74.3	32.6
Aboriginal Housing Office	85.0	83.9	100.8	17.0
Biodiversity Conservation Trust of NSW	15.1	1.1	15.1	14.0
Centennial Park and Moore Park Trust	12.2	19.8	10.0	(9.8)
Hunter and Central Coast Development Corporation	8.5	6.4	8.2	1.8
Planning Ministerial Corporation	120.9	80.5	188.8	108.4
Property NSW	26.7	136.7	94.2	(42.5)
Office of Independent Planning Commission	1.7	1.4	2.3	0.8
Western Sydney Parklands Trust	42.8	38.3	16.5	(21.8)
Premier and Cabinet				
Department of Premier and Cabinet	472.5	168.3	324.4	156.1
Greater Sydney Commission	...	0.1	0.4	0.3
Infrastructure NSW	607.4	111.4	583.4	471.9
Investment NSW	...	2.5	13.7	11.2
Parliamentary Counsel's Office	1.0	0.4	0.8	0.4
Resilience NSW	101.7	1.1	11.7	10.6
Western Parkland City Authority	15.0	8.4	76.1	67.7
Art Gallery of New South Wales	205.1	116.0	158.4	42.4
Australian Museum	36.1	29.0	20.5	(8.6)
Destination NSW	0.2	0.2	0.3	0.2
Historic Houses Trust of New South Wales	8.3	8.3	4.8	(3.5)
Museum of Applied Arts and Sciences	4.0	7.2	4.0	(3.3)
State Archives and Records Authority of New South Wales	16.8	16.8	9.9	(7.0)
State Library of New South Wales	20.7	19.8	23.1	3.3
Audit Office of New South Wales	2.2	0.8	2.2	1.5
Independent Commission Against Corruption	1.4	0.9	1.4	0.5
Law Enforcement Conduct Commission	1.2	1.2	1.2	...
New South Wales Electoral Commission	11.4	6.4	16.9	10.5
Ombudsman's Office	1.3	1.3	0.8	(0.5)
Public Service Commission	0.3	0.3	0.3	(0.0)

Table 5.1: Capital investment by general government sector ^(a) (cont.)

Agency	Capital Expenditure			
	2020-21 Budget ^(b) \$m	2020-21 Revised ^(b) \$m	2021-22 Budget ^(b) \$m	Variation ^(c) \$m
Regional				
Regional NSW	192.5	131.4	206.7	75.3
New South Wales Rural Assistance Authority	0.1	0.1	0.1	(0.0)
Regional Growth NSW Development Corporation	106.2	18.4	100.2	81.9
Local Land Services	16.0	10.4	26.1	15.7
NSW Food Authority	1.1	...	1.1	1.1
Stronger Communities				
Department Communities and Justice	551.5	466.4	906.8	440.4
Crown Solicitor's Office	1.9	1.9	2.0	0.2
Fire and Rescue NSW	87.3	68.7	82.6	13.9
Legal Aid Commission of New South Wales	6.3	15.8	7.2	(8.6)
New South Wales Crime Commission	1.2	1.2	1.5	0.2
NSW Police Force	549.0	484.0	389.4	(94.6)
Office of the NSW Rural Fire Service	29.2	31.1	29.7	(1.4)
Office of Sport	17.1	14.0	8.4	(5.6)
Office of the NSW State Emergency Service	42.7	21.7	47.3	25.6
Multicultural NSW	0.3	0.3	2.5	2.2
NSW Trustee and Guardian	10.3	4.8	6.7	1.9
Judicial Commission of New South Wales	0.2	0.4	0.3	(0.2)
Office of the Children's Guardian	2.4	1.7	1.9	0.2
Office of the Director of Public Prosecutions	12.3	5.2	27.9	22.6
Transport, Infrastructure, Roads and Maritime				
Transport for NSW	8,061.5	7,828.1	8,288.1	460.0
Sydney Metro	5,837.0	4,784.2	6,934.2	2,150.0
Office of Transport Safety Investigations	4.5	4.5	0.0	(4.4)
Treasury				
The Treasury	29.5	2.9	9.4	6.6
NSW Self Insurance Corporation	0.2	0.2	0.2	...
Workers' Compensation (Dust Diseases) Authority	0.0	7.8	8.9	1.1
The Legislature				
The Legislature	42.1	32.2	42.7	10.5
Advance to the Treasurer ^(d)	20.0	...	20.0	20.0
Not allocated to an agency	(1,524.9)	(671.0)	(3,462.8)	(2,791.8)
Total	22,742.2	20,283.5	23,380.1	3,096.6

(a) This table only reports infrastructure investment by agencies and does not include capital grants to public and private bodies to fund infrastructure.

(b) General government sector investment published in Table 1.1 or Table A1.1 of Budget Paper 1 may not sum to the totals of agency programs published in Table 4.1. The difference represents intra-sector eliminations.

(c) The variation is from 2020-21 revised to the 2021-22 Budget. Discrepancies between totals are due to rounding.

(d) Includes provisions and underspends not allocated to an agency.

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Customer Service

Major Works

New Works

Digital Restart Fund - Australian Death Notification Service	Chippendale	2021	2022	2,010	457	457
Digital Restart Fund - Mining Royalty Management System Enhancement	Parramatta	2021	2022	2,585		2,585
Digital Restart Fund - Modernise Licencing and Compliance Program	Haymarket	2020	2023	104,270	9,100	55,981
Digital Restart Fund - Whole of Government Enterprise Resource Planning Modernisation	Haymarket	2021	2022	n.a.	23,000	7,300
Digital Restart Fund - Whole of Government Web Consolidation	Haymarket	2020	2022	13,974	2,450	2,800
Digital Restart Fund - eConstruction	Haymarket	2021	2023	17,920	4,691	9,729
Total, New Works						78,852

Works in Progress

Corsnet Sustaining Capital	Bathurst	2019	2029	8,500	1,430	790
Data Centre Consolidation Acceleration Program	Various	2013	2031	24,958	13,542	1,125
Digital Restart Fund - Assured Revenue	Parramatta	2020	2022	8,000	5,209	2,791
ICT Development Program	Various	2014	2031	48,325	25,701	3,023
ICT Projects	Various	2004	2028	123,394	112,543	5,000
Office Refurbishment and Rationalisation	Various	2005	2031	187,682	135,584	21,977
OneGov Digital Services Gateway	Haymarket	2013	2028	14,719	8,275	937
Revenue NSW-Critical System Maintenance	Parramatta	2017	2028	69,828	8,457	6,409
Spatial Data Infrastructure Program	Bathurst	2014	2028	52,431	25,668	3,748
Technology Asset Replacement Program	Parramatta	2014	2031	35,502	16,748	2,368
Titling and Registry Services Land and Property Information Concession	Sydney	2018	2031	22,652	14,373	8,279
Total, Works in Progress						56,447

Total, Major Works	135,299
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Leases

Accommodation Leases	Haymarket	2019	2031	430,290	413,961	16,329
Lease Acquisitions less than \$250,000	Various	n.a.	n.a.	n.a.	n.a.	244
Total, Leases						16,573

Total, Minor Works	70,153
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Total, Department of Customer Service	222,025
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Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Service NSW

Major Works

Works in Progress

10 New Service Centres	Various	2019	2023	14,853	4,076	6,125
Cyber Security Upgrade Program	Various	2020	2022	4,950	1,761	3,189
Digital Renewal Notice Program	Various	2020	2022	5,000	3,025	1,975
Easy to Do Business Program	Various	2018	2022	26,660	16,260	10,400
Total, Works in Progress						21,689
Total, Major Works						21,689

Leases

Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	436
Total, Leases						436
Total, Minor Works						2,795
Total, Service NSW						24,920

New South Wales Government Telecommunications Authority

Major Works

Works in Progress

Critical Communications Enhancement Program	Various	2018	2026	1,325,048	318,589	413,479
Total, Works in Progress						413,479
Total, Major Works						413,479
Leases						
Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	10,743
Total, Leases						10,743
Total, Minor Works						14,704
Total, New South Wales Government Telecommunications Authority						438,926

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Independent Pricing and Regulatory Tribunal

Major Works

New Works

Energy Security Safeguard (the Safeguard)	Haymarket	2020	2022	5,110		5,110
Total, New Works						5,110
Total, Major Works						5,110
Total, Minor Works						180
Total, Independent Pricing and Regulatory Tribunal						5,290

The following agencies have a minor works program only

Information and Privacy Commission	315
Long Service Corporation	299
State Insurance Regulatory Authority	5,555

Project Description	Location	Allocation
		2021-22
		\$000

Department of Education

Major Works

New Works^(a)

Birrong Boys and Girls High School Upgrade	Birrong	4,985
Bomaderry High School Upgrade	Bomaderry	2,094
Castle Hill Public School Upgrade	Castle Hill	3,083
Cecil Hills High School Upgrade	Cecil Hills	4,637
Chatswood (new primary school)	Chatswood	3,689
Cronulla High School Upgrade	Greenhills Beach	2,371
Cumberland High School Upgrade	Carlingford	7,119
Darcy Road Public School Upgrade	Wentworthville	4,479
Edmondson Park (new high school)	Edmondson Park	6,323
Galungara Public School Upgrade - Stage 2	Schofields	14,616
Girraween Public School Upgrade	Girraween	3,372
Green Square (new primary school)	Waterloo	4,005
Gregory Hills (new primary school)	Gregory Hills	4,105
Hastings Secondary College Joint Use PCYC	Port Macquarie	527
Hunter River High School Upgrade	Heatherbrae	1,899
Irrawang High School Upgrade	Raymond Terrace	1,573
Jordan Springs Public School Upgrade - Stage 2	Jordan Springs	12,616
Liverpool Boys and Girls High School Upgrade	Liverpool	12,647
Liverpool West Public School Upgrade - Stage 2	Liverpool	2,435
Macquarie Park Education Campus	Macquarie Park	16,125
Manly Village Public School Upgrade	Manly	527
Marsden Park (new high school)	Marsden Park	9,854
Matthew Pearce Public School Upgrade	Baulkham Hills	2,201
Middle Head Environment Education Centre	Mosman	158
Murrumbidgee Regional High School Upgrade - Stage 2	Griffith	1,307

(a) ETC is withheld due to commercial sensitivities and start/finish dates confirmed once a delivery schedule has been finalised

Project Description	Location	Allocation
		2021-22
		\$000

Department of Education (cont.)

Narrabeen Education Precinct	North Narrabeen	3,135
Neutral Bay Public School Upgrade	Neutral Bay	1,950
Newcastle Education Campus	Newcastle	5,633
Oran Park Public School Upgrade - Stage 2	Oran Park	2,108
Orange Grove Public School Upgrade	Lilyfield	2,135
Punchbowl Public School Upgrade	Punchbowl	1,054
Randwick Boys and Girls High School Upgrade	Randwick	5,000
Rhodes East (new primary school)	Rhodes	3,689
Rydalmere Education Campus	Rydalmere	13,701
South Nowra/ Worrigee (new primary school)	South Nowra	5,269
South West Sydney, new selective high school	Leppington	4,216
St Leonards Education Precinct - Stage 1	St Leonards	3,689
Sydney Olympic Park (new high school) - Stage 2	Sydney Olympic Park	3,162
The Forest High School (Relocation)	Frenchs Forest	8,431
Wee Waa High School Upgrade	Wee Waa	37,830
Wentworth Point Public School Upgrade - Stage 2	Wentworth Point	2,108
Westmead South (new primary school)	Westmead	5,428
Wilton Junction (new primary school)	Wilton	3,689
Yanco Agricultural High School Upgrade	Yanco	1,054

Total, New Works	240,028
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(a) ETC is withheld due to commercial sensitivities and start/finish dates confirmed once a delivery schedule has been finalised

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Education (cont.)

Works in Progress^{(b)(c)(d)}

Ajuga School, Campbell House School and Glenfield Park School Upgrades	Glenfield	2016	2021	n.a.	25,247	1,496
Alexandria Park Community School (new school)	Alexandria	2018	2022	130,724	117,492	13,231
Armidale Secondary College Upgrade (Armidale and Duval High Schools)	Armidale	2019	2021	121,150	110,705	10,445
Artarmon Public School Upgrade	Artarmon	2015	2019	n.a.	24,744	60
Arthur Phillip High School and Parramatta Public School (new schools)	Parramatta	2016	2020	325,000	322,915	2,082
Ashtonfield Public School Upgrade	Ashtonfield	2020	2021	15,279	7,933	7,345
Auburn North Public School Upgrade	Auburn	2017	2019	n.a.	11,812	18
Ballina Coast High School (new school)	Ballina	2016	2019	n.a.	59,579	445
Bangalow Public School Upgrade	Bangalow	n.a.	n.a.	n.a.	3,984	1,446
Bankstown North Public School Upgrade	Bankstown	2021	2022	40,000	6,977	21,120
Bardia Public School Upgrade	Bardia	2015	2019	n.a.	43,616	506
Barramurra Public School (Catherine Field new primary school)	Oran Park	2019	2021	52,821	51,954	868
Bella Vista Public School (new school)	Kellyville	2015	2019	n.a.	49,719	150
Belmont High School Upgrade	Belmont	2017	2019	20,004	19,090	25
Bexhill Public School Upgrade	Bexhill	n.a.	n.a.	n.a.	4,013	1,380
Bletchington Public School Upgrade	Orange	2021	2022	25,825	1,215	18,742
Bolwarra Public School Upgrade	Bolwarra	2016	2019	11,865	11,752	112
Braidwood Central School Upgrade	Braidwood	2019	2021	16,366	12,691	3,314
Brooke Avenue Public School Upgrade	Killarney Vale	2021	2021	4,200	1,525	830
Brookvale Public School Upgrade	Brookvale	2018	2020	4,500	4,486	14
Budawang School (Relocation)	Ulladulla	n.a.	n.a.	n.a.	1,579	13,404
Bungendore (new high school)	Bungendore	n.a.	n.a.	n.a.	2,192	34,655
Byron Bay Public School Upgrade	Byron Bay	2018	2020	n.a.	12,674	26
Callaghan College Jesmond Campus Upgrade	Jesmond	2019	2020	19,278	18,148	4
Cammeraygal High School Senior Campus (new school)	Crows Nest	2017	2019	24,380	24,371	9
Canley Vale High School Upgrade	Canley Vale	2018	2020	n.a.	21,814	1,495
Canterbury Boys High School Upgrade	Ashbury	n.a.	n.a.	n.a.	360	7,161

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Education (cont.)

Canterbury South Public School Upgrade	Canterbury	2021	2022	35,000	13,349	21,651
Carlingford Public School Upgrade	Carlingford	2017	2020	21,600	21,526	25
Carlingford West Public School Upgrade	Carlingford	n.a.	n.a.	n.a.	16,142	61,052
Cecil Hills Public School Upgrade	Cecil Hills	2017	2019	16,500	15,942	558
Central Sydney Intensive English High School (Relocation)	Alexandria	2018	2019	30,000	29,796	204
Centre of Excellence for Agricultural Education	Richmond	n.a.	n.a.	n.a.	704	37,518
Chatswood Public School and High School Upgrade	Chatswood	2020	2023	250,000	53,703	80,271
Claremont Meadows Public School Upgrade	Claremont Meadows	2018	2019	9,740	9,739	1
Co Funded Metropolitan School Renewal Program	Various	2020	2022	240,000	17,500	221,500
Co Funded Regional School Renewal Program	Various	2020	2022	240,000	17,500	221,500
Cooler Classrooms	Various	2018	2023	500,000	333,230	164,470
Cranebrook High School Upgrade	Cranebrook	2021	2022	4,501	653	1,987
Croydon Public School Upgrade	Croydon	2019	2021	35,401	27,531	7,538
Curl Curl North Public School Upgrade	North Curl Curl	2019	2021	n.a.	49,023	461
Dapto Public School Upgrade	Horsley	2020	2021	23,973	7,504	13,706
Darlington Public School Upgrade	Darlington	2021	2023	44,231	9,657	24,472
Denham Court Public School (Leppington new primary school)	Denham Court	2019	2021	56,001	55,876	125
Eastwood Public School Upgrade	Eastwood	n.a.	n.a.	n.a.	243	8,000
Edmondson Park (new primary school)	Edmondson Park	n.a.	n.a.	n.a.	17,537	47,041
Engadine High School Upgrade	Engadine	n.a.	n.a.	n.a.	660	8,181
Epping (new primary school)	Epping	n.a.	n.a.	n.a.	7,567	16,667
Epping West Public School Upgrade	Epping	n.a.	n.a.	n.a.	5,259	6,970
Estella Public School (new primary school in the Wagga Wagga electorate)	Estella	2019	2021	42,500	41,756	302
Excelsior Public School Upgrade	Castle Hill	2018	2020	n.a.	17,611	50
Fairvale High School Upgrade	Fairfield West	2018	2021	40,700	31,700	8,977
Farrer Memorial Agricultural High School Upgrade	Calala	2016	2019	11,226	11,221	4
Fort Street Public School Upgrade	Millers Point	2021	2023	68,200	24,861	16,453

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Education (cont.)

Galungara Public School (Alex Avenue new primary school)	Schofield	2019	2021	51,623	48,868	2,754
Gledswood Hills (new primary school)	Gledswood Hills	2018	2020	n.a.	35,056	25
Gledswood Hills Public School - Stage 2	Gledswood Hills	n.a.	n.a.	n.a.	37	4,400
Glenmore Park High School Upgrade	Glenmore Park	2021	2021	12,000	1,824	6,764
Glenwood High School Upgrade	Glenwood	n.a.	n.a.	n.a.	1,637	11,277
Googong (new primary school)	Googong	n.a.	n.a.	n.a.	19,348	31,317
Greenwich Public School Upgrade	Greenwich	2018	2020	n.a.	33,548	52
Greystanes Public School Upgrade	Greystanes	2018	2021	n.a.	26,209	7,161
Gwynneville Public School Upgrade	Gwynneville	2018	2020	14,850	14,405	445
Harrington Park Public School Upgrade	Harrington Park	2020	2022	31,625	7,874	17,689
Hastings Secondary College Upgrade	Port Macquarie	n.a.	n.a.	n.a.	5,646	18,587
Homebush West Public School Upgrade	Homebush West	2015	2019	24,928	24,771	155
Hunter School of Performing Arts Upgrade	Broadmeadow	2016	2019	12,310	12,275	30
Hunter Sports High School Upgrade	Gateshead	2014	2019	45,100	44,826	274
Hurlstone Agricultural High School Upgrade - Stage 2	Glenfield	n.a.	n.a.	n.a.	8,678	27,345
Hurstville Public School Upgrade	Hurstville	2019	2020	9,265	8,979	286
Ingleburn High School Upgrade	Ingleburn	2018	2019	8,340	8,310	29
Inner Sydney High School (new school)	Surry Hills	2016	2020	135,500	127,698	5,230
James Fallon High School Upgrade	North Albury	2018	2020	9,400	7,804	32
Jamison High School Upgrade	South Penrith	2021	2021	9,000	1,496	5,588
Jannali East Public School Upgrade	Jannali	n.a.	n.a.	n.a.	498	4,188
Jerrabomberra (new high school)	Jerrabomberra	n.a.	n.a.	n.a.	1,802	25,933
Jindabyne Education Campus	Jindabyne	n.a.	n.a.	n.a.	5,677	40,190
John Palmer Public School Upgrade	The Ponds	n.a.	n.a.	n.a.	1,108	14,444
Karabar High School Upgrade	Karabar	2019	2020	9,100	8,608	492
Kent Road Public School Upgrade	Marsfield	2019	2021	n.a.	40,301	1,786
Killara High School Upgrade	East Killara	2019	2020	15,223	15,222	1
Killarney Heights Public School Upgrade	Killarney Heights	2018	2020	n.a.	8,101	9
Kingscliff High School Upgrade	Kingscliff	2020	2022	32,000	5,193	12,967
Kingscliff Public School Upgrade	Kingscliff	2020	2022	39,377	5,932	15,896
Kingswood High School Upgrade	Kingswood	2017	2020	n.a.	8,418	682

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Education (cont.)

Ku-ring-gai High School Upgrade	North Turramurra	2019	2020	15,136	14,473	8
Kyeemagh Public School Upgrade	Kyeemagh	2019	2021	31,000	15,360	9,820
LED Lighting Upgrade Program	Various	2020	2022	157,800	25,000	132,800
Lake Cathie Public School Upgrade	Lake Cathie	2019	2021	24,950	18,098	1,796
Lennox Head Public School Upgrade	Lennox Head	n.a.	n.a.	n.a.	2,078	561
Lidcombe Public School Upgrade	Lidcombe	2017	2020	16,600	16,449	19
Lindfield Learning Village - Stage 2	Lindfield	2020	2021	149,400	88,481	51,082
Liverpool West Public School Upgrade	Liverpool	2021	2023	24,100	823	10,454
Mainsbridge School (new school through relocation)	Liverpool	2019	2021	32,778	31,316	1,462
Manly Vale Public School Upgrade	Manly Vale	2014	2019	n.a.	53,694	60
Marsden Road Public School Upgrade	Liverpool	2018	2019	n.a.	9,510	733
Merrylands Public School Upgrade	Merrylands	2018	2019	10,650	10,615	35
Millthorpe Public School Upgrade	Millthorpe	2021	2022	15,900	1,213	10,156
Milperra Public School Upgrade	Milperra	n.a.	n.a.	n.a.	312	3,171
Mona Vale Public School Upgrade	Mona Vale	n.a.	n.a.	n.a.	2,250	25,240
Monaro High School Upgrade	Cooma	2019	2021	47,380	33,392	12,728
Moruya High School Upgrade	Moruya	n.a.	n.a.	n.a.		7,100
Mosman High School Upgrade	Mosman	n.a.	n.a.	n.a.	18,870	19,281
Mulgoa Rise Glenmore Park (new primary school)	Glenmore Park	n.a.	n.a.	n.a.	1,947	23,641
Murrumbateman (new primary school)	Murrumbateman	n.a.	n.a.	n.a.	14,938	20,079
Murrumbidgee Regional High School Upgrade	Griffith	2019	2021	25,000	17,718	4,470
Murwillumbah Education Campus	Murwillumbah	n.a.	n.a.	n.a.	27,743	21,561
Muswellbrook South Public School Upgrade	Muswellbrook	n.a.	n.a.	n.a.	1,167	3,296
NSW School of Languages (Relocation)	Petersham	2017	2018	16,260	15,814	436
Nepean Creative and Performing Arts High School Upgrade	Emu Plains	2021	2022	9,000	1,365	5,385
New Environmental Education Centre (Penrith Lakes)	Castlereagh	n.a.	n.a.	n.a.	480	515
New school in the Liverpool electorate	Liverpool	2021	2023	58,984	1,532	36,986
Newcastle East Public School Upgrade	The Hill	2018	2020	n.a.	8,834	200
North Kellyville Public School (new school)	North Kellyville	2017	2019	46,085	46,041	44
North Sydney Public School Upgrade	North Sydney	n.a.	n.a.	n.a.	1,508	16,304

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Education (cont.)

Northbourne Public School (Marsden Park new primary school)	Marsden Park	2020	2021	48,654	46,324	2,328
Old Bar Public School Upgrade	Old Bar	2018	2019	8,767	8,760	7
Oran Park (new high school)	Oran Park	2018	2020	79,705	79,497	208
Oran Park Public School Upgrade	Oran Park	2017	2019	15,350	15,033	71
Parramatta West Public School Upgrade	Parramatta	2018	2021	28,000	26,516	1,072
Passfield Park School Upgrade	Minto	2020	2022	35,000	12,727	12,371
Pendle Hill High School Upgrade	Toongabbie	2021	2022	39,800	2,470	12,308
Penrith Public School Upgrade	Penrith	2018	2019	9,620	9,600	20
Penshurst Public School Upgrade	Penshurst	2018	2021	n.a.	51,661	164
Penshurst West Public School Upgrade	Mortdale	2019	2020	10,480	10,372	25
Picnic Point High School Upgrade	Picnic Point	n.a.	n.a.	n.a.	1,903	14,799
Picton High School Upgrade	Picton	2019	2021	112,025	108,774	3,250
Porters Creek Public School (Warnervale new primary school)	Hamlyn Terrace	2020	2021	37,994	18,064	16,146
Prestons Public School Upgrade	Prestons	2017	2020	11,164	10,778	267
Quakers Hill East Public School Upgrade	Acacia Gardens	2018	2019	13,200	13,030	169
Queanbeyan High School Upgrade	Crestwood	2019	2020	15,600	15,519	81
Queanbeyan West Public School Upgrade	Crestwood	n.a.	n.a.	n.a.	474	2,521
Rainbow Street Public School Upgrade	Randwick	2015	2019	35,294	34,715	578
Regional Roof Upgrade Program	Various	2020	2022	60,000	30,000	30,000
Richmond High School Upgrade	Richmond	2018	2019	6,900	6,735	165
Richmond High School Upgrade - Richmond Agricultural College	Richmond	n.a.	n.a.	n.a.	355	7,236
Riverbank Public School Upgrade	The Ponds	2018	2020	n.a.	19,303	7
Riverstone High School Upgrade	Riverstone	2018	2020	23,142	22,702	440
Rosehill Public School Upgrade	Rosehill	2017	2019	17,530	17,487	43
Rural Access Gap Direct Intervention Package	Various	n.a.	n.a.	n.a.	85,400	280,400
Rutherford Public School Upgrade	Rutherford	2017	2020	21,300	20,940	16
Samuel Gilbert Public School Upgrade	Castle Hill	2019	2022	32,570	21,260	10,608
Schofields Public School Upgrade	Schofields	2018	2020	n.a.	36,884	416
Schools Renewable Energy Infrastructure Project - Pilot Program	Various	n.a.	n.a.	n.a.		10,000

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Education (cont.)

Schools at Meadowbank Education and Employment Precinct	Meadowbank	2019	2022	300,000	180,563	111,085
Seven Hills High School Skills Upgrade	Seven Hills	n.a.	n.a.	n.a.	438	9,079
Smalls Road (new primary school)	Ryde	2018	2020	47,023	46,559	440
Speers Point Public School Upgrade	Speers Point	2018	2020	15,886	11,214	1,879
St Ives High School Upgrade	St Ives	2019	2021	25,560	19,980	1,260
St Ives North Public School Upgrade	St Ives	2019	2020	29,421	24,059	4
Stanwell Park Public School Upgrade	Stanwell Park	n.a.	n.a.	n.a.	428	4,483
Sydney Olympic Park (new high school)	Sydney Olympic Park	n.a.	n.a.	n.a.	1,164	41,876
Tallawong (new primary school)	Tallawong	n.a.	n.a.	n.a.	1,161	13,905
Tamworth Public School Upgrade	Tamworth	2019	2020	14,788	13,295	1,493
Terrigal Public School Upgrade	Terrigal	2018	2019	n.a.	11,573	28
Teven-Tintenbar Public School Upgrade	Tintenbar	n.a.	n.a.	n.a.	294	2,591
Tirriwirri School (Queanbeyan School)	Karabar	2019	2021	21,000	18,525	228
Tweed Heads South Public School Upgrade	Tweed Heads South	2020	2022	25,000	4,311	16,332
Tweed River High School Skills Upgrade	Tweed Heads South	n.a.	n.a.	n.a.	747	8,734
Tweed River High School Upgrade	Tweed Heads South	2020	2022	26,215	5,019	19,569
Ultimo Public School (new school)	Ultimo	2014	2020	n.a.	58,126	1,929
Waitara Public School Upgrade	Wahroonga	2018	2020	n.a.	39,864	25
Wamberal Public School Upgrade	Wamberal	2017	2020	19,600	19,158	442
Wangi Wangi Public School Upgrade	Wangi Wangi	2019	2020	13,347	11,527	125
Wauchope Public School Upgrade	Wauchope	2018	2020	13,900	13,681	219
Wentworthville Public School Upgrade	Wentworthville	2019	2022	39,761	34,697	4,843
West Ryde Public School Upgrade	West Ryde	2018	2020	n.a.	18,109	70
Westfields Sports High School Upgrade	Fairfield West	2019	2020	30,138	28,265	1,700
Wilkins Public School (new preschool)	Marrickville	2021	2021	n.a.	2,225	974
William Stimson Public School Upgrade	Wetherill Park	2017	2020	n.a.	17,051	2
Willoughby Girls High School Upgrade	Willoughby	2017	2020	17,037	16,810	122
Willoughby Public School Upgrade	Willoughby	2017	2020	36,368	35,672	611
Wilton Public School Upgrade	Wilton	n.a.	n.a.	n.a.	502	14,083

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Education (cont.)

Wollongong Public School Upgrade	Wollongong	2018	2020	n.a.	15,958	892
Yandelora School (new school)	Narellan	2015	2019	21,854	21,812	42
Yass High School Upgrade	Yass	2019	2020	8,540	8,515	25
Yass High School Upgrade Multi-Purpose Hall Upgrade	Yass	n.a.	n.a.	n.a.	671	7,405
Young High School Upgrade	Young	2020	2022	25,500	9,940	13,695
Total, Works in Progress						2,471,424
Total, Major Works						2,711,452
Total, Minor Works						484,571
Total, Department of Education						3,196,023

(b) ETC may change due to market conditions or as more detailed planning is undertaken. The ETC may also be withheld due to commercial sensitivities.

(c) Start and completion dates for projects will be confirmed once a delivery schedule has been finalised.

(d) The dates listed are physical completion dates. Final expenditure can occur after the school is ready for occupation by students and staff.

TAFE Commission

Major Works

New Works

Asset Management Solution	Various	2021	2021	8,000		1,000
ICT Asset Refresh Program to Enhance Student Experience	Various	2021	2022	19,000		19,000
Institute of Applied Technology Pilot Program	Various	2021	2022	13,200		13,200
Scone Multi Trades Hub	Scone	2021	2023	n.a.		2,000
Shared Services Centre	Tamworth	2021	2022	n.a.		2,750
Undercover Areas for Training at Heights	Various	2021	2022	5,900		5,900
Total, New Works						43,850

Works in Progress

Bega Specialist Centre - Stage 2	Bega	2020	2021	17,004	15,117	1,887
Budgeting, Forecasting and Reporting System	Various	2020	2022	2,000	266	1,734
Connected Learning Centres Program - Stage 3	Various	2019	2023	57,100	26,367	11,418
Institute of Applied Technology for Construction	Kingswood	2019	2023	n.a.	4,247	47,012
TAFE Digital Course Migration and Centralisation	Various	2020	2022	2,000	912	1,088
IT Network Asset Refresh	Various	2020	2022	4,000	3,647	353

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

TAFE Commission (cont.)

IT Security Enhancement Program	Various	2020	2022	2,000	594	1,406
Institute of Applied Technology for Digital Tech	Meadowbank	2019	2022	128,900	54,171	63,306
Regional Data Centre Consolidation and Virtualisation	Various	2020	2022	3,000	2,204	796
Revitalising TAFE Campuses	Various	2021	2022	20,000	1,760	18,240
Staff Integrated System Portal	Various	2020	2022	1,000	515	485
Student Management Services	Ultimo	2016	n.a.	n.a.	n.a.	n.a.
TAFE Asset Renewal Program - Buildings	Various	2020	2022	56,976	37,729	19,247
TAFE Asset Renewal Program - Plant & Equipment	Various	2020	2022	22,300	8,568	13,732
Total, Works in Progress						181,405
Total, Major Works						225,255
Total, Minor Works						26,424
Total, TAFE Commission						251,679

The following agencies have a minor works program only

NSW Education Standards Authority	1,414
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Project Description	Location	Start	Complete ^(a)	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Ministry of Health

Major Works

New Works

Canowindra HealthOne	Canowindra	2021	2023	6,000		500
Goulburn Hospital Redevelopment - Clinical Services Enhancement	Goulburn	2021	2024	15,000		500
Gunnedah Hospital Redevelopment	Gunnedah	2021	2025	53,000		500
Health Cyber Uplift ^(b)	Various	2021	n.a.	n.a.		n.a.
Mobile Clinician Devices Program ^(b)	Various	2021	n.a.	n.a.		n.a.
Moree Hospital Redevelopment	Moree	2021	2025	80,000		1,000
Muswellbrook Hospital Redevelopment Stage 3	Muswellbrook	2021	2024	45,000		7,000
NSW Ambulance Relocation - Fitout	Sydney Olympic Park	2021	2022	68,000		68,000
NSW Paediatric Cardiac Service Enhancements	Various	2021	2025	10,000		500
Planning Future New Works 2021-22	Various	2021	2022	672		672
Regional Response - Intensive Care Paramedics	Various	2021	2022	2,858		2,858
Rouse Hill Health Service ^(c)	Rouse Hill	2021	2026	300,000	n.a.	43,320
Ryde Hospital Redevelopment	TBC	2021	2028	479,000		500
Single Digital Patient Record ^(d)	Various ^(b)	2020	n.a.	n.a.	1,800	141,000
Sydney Children's Hospital, Randwick - Stage 1 - additional funding	Randwick	2021	2025	50,000		500
Wentworth Health Service Redevelopment	TBC	2021	2024	30,000		500
Total, New Works						326,984

Works in Progress

Ambulance Infrastructure

Ambulance Medical Equipment Replacement Program - Next Phase	Various	2015	2022	17,500	15,474	2,026
Critical Communications Enhancement Program Terminal Refresh and Change Management Costs	Various	2018	2022	36,527	30,019	6,508
Rural Ambulance Infrastructure Reconfiguration - Stage 1	Various	2015	2023	132,120	108,633	9,788
Rural Ambulance Infrastructure Reconfiguration - Stage 2	Various	2020	2022	100,000	7,484	92,516
Sydney Ambulance Metropolitan Infrastructure Strategy	Various	2014	2023	184,000	175,154	8,664
Energy Efficient Government Program (EEGP)	Various	2020	2023	14,499	3,789	10,616

Project Description	Location	Start	Complete ^(a)	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Ministry of Health (cont.)

HealthOne / Integrated Primary

Health Care Centres

HealthOne Strategy (Rebuild NSW Fund)	Various	2016	2023	100,000	62,392	24,200
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Information and Communication Strategy

Digital Patient Records	Various	2016	2022	193,976	146,226	47,750
Fast Track Electronic Prescribing ^{(e)(f)}	Various	2020	2023	40,000	14,695	15,305
Real Time Prescription Monitoring	Various	2020	2023	39,800	2,500	14,300
Simplified Appointments for Patients and Clinicians	Various	2020	2022	3,000	1,843	1,157
Whole of System Digital Platform	Various	2016	2025	265,353	163,426	39,473
Albury Base Hospital Emergency Department Expansion	East Albury	2017	2022	30,000	20,480	9,520
Asset Refurbishment / Replacement Strategy (State-wide)	Various	2014	2024	500,000	330,381	80,000
Bankstown - Lidcombe Hospital and Community Health Services Redevelopment	Bankstown	2020	2029	1,300,000	2,865	109,553
Bankstown-Lidcombe Emergency Department	Bankstown	2018	2022	25,000	21,662	3,338
Bathurst Hospital MRI	West Bathurst	2020	2022	4,000	-	4,000
Blacktown Mount Druitt Hospitals Redevelopment Stages 1 and 2	Blacktown	2012	2022	651,187	645,526	5,661
Bowral and District Hospital Redevelopment Stage 2	Bowral	2020	2024	55,000	10,543	8,912
Campbelltown Hospital Redevelopment Stage 2, Mental Health and South West Paediatric Service	Campbelltown	2017	2023	632,000	396,278	161,956
Central Coast Medical Schools and Central Coast Research Institute ^(f)	Gosford	2020	2022	36,041	35,115	926
Coffs Harbour Hospital Expansion	Coffs Harbour	2017	2024	194,000	147,748	28,996
Concord Hospital (Phase 1A and 1B) Upgrade	Concord West	2017	2022	341,200	286,653	54,547
Concord Hospital Car Park	Concord West	2020	2024	32,400	500	10,400
Cooma Hospital Redevelopment ^{(e)(f)}	Cooma	2017	2023	24,170	12,262	6,338
Cowra Hospital Redevelopment	Cowra	2020	2024	70,200	200	2,300
Cystic Fibrosis Specialist Service Unit at Westmead Hospital ^(g)	Westmead	2019	2023	65,000	32,619	19,493
Dubbo Health Service Redevelopment (includes car park and Cancer Centre) ^{(e)(g)}	Dubbo	2011	2022	306,300	279,590	26,710

Project Description	Location	Start	Complete ^(a)	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Ministry of Health (cont.)

Establishment of a Residential Eating Disorders Treatment Centre ^(g)	TBC	n.a.	n.a.	13,000	-	5,000
Eurobodalla Health Service Redevelopment	Moruya	2020	2025	200,000	3,809	14,308
Glen Innes Hospital Upgrade	Glen Innes	2020	2024	20,000	200	2,300
Goulburn Hospital Redevelopment	Goulburn	2017	2023	150,000	116,041	27,951
Grafton Ambulatory Care	Grafton	2015	2022	17,500	15,643	1,857
Griffith Hospital Redevelopment	Griffith	2018	2026	250,000	38,814	20,020
Hornsby Hospital Redevelopment Stages 1 and 2 ^{(e)(f)}	Hornsby	2012	2023	406,534	369,050	31,744
Inverell Hospital Redevelopment	Inverell	2017	2022	60,000	55,272	4,728
John Hunter Health and Innovation Precinct ^(e)	New Lambton Heights	2019	2027	835,000	26,364	34,352
Lismore Hospital Redevelopment Stage 3A, 3B and 3C	Lismore	2013	2024	312,750	272,813	28,436
Liverpool Health and Academic Precinct	Liverpool	2018	2027	740,000	117,212	92,719
Liverpool Hospital Car Park	Liverpool	2019	2024	50,000	21,570	18,564
Macksville Hospital Redevelopment	Macksville	2015	2022	71,000	69,759	1,241
Maitland Hospital (new)	Metford	2017	2023	470,000	392,988	50,000
Maitland Hospital Car Park	Metford	2020	2023	30,022	13,497	9,138
Manly Adolescent and Young Adult Hospice ^{(f)(g)}	Manly	2020	2023	19,500	1,809	15,191
Manning Hospital Redevelopment Stage 2	Taree	2020	2026	100,000	400	8,600
Multipurpose Services (MPS) Strategy Stage 5	Various	2015	2024	296,530	250,666	8,971
Nepean Hospital Redevelopment and Associated Community Based Services Stage 2	Kingswood	2020	2026	450,000	12,162	88,674
Nepean Hospital and Integrated Ambulatory Services Redevelopment	Kingswood	2017	2023	550,000	441,280	73,591
New Shellharbour Hospital and Integrated Services ^{(e)(g)}	Dunmore	2017	2028	698,600	46,305	39,917
New Shellharbour Hospital Car Park	Dunmore	2019	2028	23,300	938	260
Northern Beaches - Mona Vale Hospital and Community Health	Mona Vale	2013	2022	618,900	611,624	7,276
Own Sourced Local Initiatives	Various	n.a.	n.a.	n.a.	n.a.	109,302
Palliative Care Refurbishment	Various	2019	2023	10,000	4,356	3,644
Planning Future New Works	Various	2020	2022	9,000	3,640	5,360

Project Description	Location	Start	Complete ^(a)	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Ministry of Health (cont.)

Port Macquarie Hospital Car Park	Port Macquarie	2018	2022	11,500	7,729	3,771
Port Macquarie Hospital Helipad Relocation	Port Macquarie	2021	2022	10,000	58	9,942
Randwick Campus Reconfiguration and Expansion Stage 1 ^{(e)(f)}	Randwick	2017	2024	782,822	562,582	155,529
Royal Prince Alfred Hospital Redevelopment	Camperdown	2020	2027	750,000	7,446	65,880
Rural Health Infrastructure Program - Deniliquin and Leeton	Various	2020	2022	5,700	385	5,315
Shepherd Centre Facility	Campbelltown	2020	2022	2,500	2,000	500
Shoalhaven Hospital Redevelopment	Nowra	2020	2028	438,000	5,167	11,691
St George Hospital - Ambulatory Care, Day Surgery, Sub-Acute Inpatient Building	Kogarah	2020	2025	385,000	7,446	97,860
Statewide Dental Van Program	Various	2019	2028	24,419	6,318	4,494
Statewide Mental Health Infrastructure Program	Various	2018	2030	700,000	81,308	65,083
Statewide Telestroke Service ^(g)	Various	2019	2022	1,200	597	603
Sutherland Hospital - Operating Theatre Complex	Caringbah	2020	2024	81,500	3,154	16,655
Sutherland Hospital MRI	Caringbah	2020	2022	7,000	341	6,659
Sydney Children's Hospital, Randwick - Stage 1 Comprehensive Children's Cancer Centre ^{(f)(g)}	Randwick	2020	2026	608,000	47,186	45,722
The Children's Hospital at Westmead Stage 2 Redevelopment (includes car park)	Westmead	2019	2027	619,000	27,004	49,011
Tumut Hospital Redevelopment	Tumut	2019	2023	50,000	33,710	14,500
Tweed Hospital Car Park	Kingscliff	2020	2023	50,000	493	26,332
Tweed Hospital and Integrated Ambulatory Services Redevelopment ^(e)	Kingscliff	2016	2024	673,331	186,300	262,277
Wagga Wagga Base Hospital Car Park	Wagga Wagga	2019	2023	30,000	3,213	19,440
Wagga Wagga Base Hospital Redevelopment	Wagga Wagga	2011	2023	431,360	412,691	2,986
Westmead Hospital Redevelopment Stage 1 ^(f)	Westmead	2014	2022	832,300	799,377	32,923
Wyong Hospital Redevelopment Stage 1	Hamlyn Terrace	2017	2023	200,000	159,504	32,893

Project Description	Location	Start	Complete ^(a)	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Ministry of Health (cont.)

Public Private Partnerships (PPP) - Cyclical Maintenance

Long Bay Forensic Hospital Cyclical Maintenance	Malabar	2010	2027	25,024	12,753	2,056
Newcastle Mater Hospital Cyclical Maintenance	Newcastle	2008	2027	56,288	39,342	1,826
Northern Beaches Hospital Life Cycle Costs	Frenchs Forest	2018	2039	137,514	514	429
Orange Base Hospital Cyclical Maintenance	Orange	2008	2027	117,848	68,562	11,207
Royal North Shore Hospital Cyclical Maintenance	St Leonards	2008	2027	208,402	80,631	14,375
Total, Works in Progress						2,468,056
Total, Major Works						2,795,040
Leases						
Aeromedical Fixed Wing Stage 1	Various	2022	2022	58,280		58,280
Lease Acquisitions over \$20 million ^(h)	Various	n.a.	n.a.	n.a.		149,223
Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	39,164
Lease Acquisitions less than \$250,000	Various	n.a.	n.a.	n.a.	n.a.	59,770
Total, Leases						306,437
Total, Minor Works						131,497
Total, Ministry of Health						3,232,974
Less capital expensing ⁽ⁱ⁾						(138,708)
Total, Ministry of Health						3,094,266

(a) The dates listed are the financial completion dates. Depending on the project schedule, physical completion may occur prior.

(b) Some amounts and dates have not been disclosed due to commercial sensitivities.

(c) The project includes the previously announced land acquisition. Expenditure to 30 June has not been disclosed due to commercial sensitivities.

(d) Project includes NSW Pathology Single Statewide Laboratory Information System announced in 2020-21 State Budget.

(e) ETC increase includes additional funding and/or merged projects.

(f) Project fully or partially funded by third-party contributions.

(g) Project fully or partially funded by the Commonwealth Government.

(h) The details of these leases have not been disclosed due to commercial sensitivities.

(i) Certain expenditure associated with the construction of projects falls below the capitalisation thresholds and is therefore expensed annually.

The following agencies have a minor works program only

Health Care Complaints Commission	108
Mental Health Commission of New South Wales	215

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Planning, Industry and Environment

Major Works

New Works

Environment, Energy and Science

Goat Island Maintenance Works	Goat Island	2021	2023	1,200		500
Great Walks	Various	2021	2024	80,360		10,270
Koala Conservation	Various	2021	2026	68,300		11,296
NSW Electricity Infrastructure Roadmap Implementation	Various	2021	2031	165,494		79,700

Water

Early Works for the Wyangala and Dungowan Dams	Various	2021	2022	31,400		31,400
Hydrometric Networks and Remote Sensing program	Various	2021	2023	2,780		2,300

Total, New Works						135,466
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Works in Progress

Corporate Services

Cyber Security Uplift Program	Various	2021	2022	2,445	291	2,154
Orange Office Accommodation Strategy	Orange	2019	2021	20,486	18,500	1,986

Environment, Energy and Science

Acquisition of Satellite Imagery	Various	2007	2031	58,139	32,377	3,100
Annual Provision - Land Purchases	Various	2002	2031	195,030	157,575	8,925
Bushfire Planning Strategy - Plant and Equipment Upgrade	Various	2020	2022	4,050	450	3,600
Commemorating the Meeting of Two Cultures at Kamay Botany Bay National Park	Kurnell	2018	2023	22,580	7,811	12,525
Energy Efficiency Capital Programs	Various	2017	2022	18,189	15,039	3,150
Fire Management in National Parks	Various	2008	2026	51,406	49,884	1,410
Improving Access to National Parks	Various	2019	2023	149,600	41,550	65,169
Infrastructure Investment in National Parks to Increase NSW Tourism	Various	2018	2025	43,020	10,002	13,396
Light to Light Walk	Green Cape	2019	2023	7,948	4,242	2,312
Murramarang South Coast Walk	Durras North	2019	2022	3,642	828	2,814
National Parks Digital Strategy	Various	2007	2022	5,547	4,129	1,418
National Parks - Rewilding and Land Acquisitions	Various	2021	2027	84,736	8,643	15,082
Scientific Equipment	Various	2012	2031	26,886	14,886	1,200

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Planning, Industry and Environment (cont.)

Scientific Service Capacity Maintenance	Various	2011	2031	19,685	10,579	910
Snowies Iconic Walk	Various	2019	2022	17,174	12,026	5,148
Strategic Fire Trails Network - Safety and Compliance Works	Various	2019	2023	68,393	19,443	24,450
The Wombeyan Caves Tourism Project	Goulburn	2020	2024	9,611	607	2,260
Thredbo Valley Track Extension	Thredbo	2019	2022	9,854	6,149	3,705
Toorale Water Infrastructure Project	Gumbalie	2021	2021	5,400	1,900	3,500
World and National Heritage Sites Infrastructure Upgrade	Various	2020	2022	3,177	580	2,597
Housing and Property						
Building and Infrastructure Upgrades	Various	2020	2022	12,600	5,634	6,966
Planning and Assessment						
Coastal Lands Protection Scheme	Various	2017	2031	71,091	41,091	3,000
NSW Pet Registry	Parramatta	2021	2022	1,300	800	500
ePlanning - Stage 4	Parramatta	2020	2023	53,029	16,700	19,937
Water						
Manly Hydraulics Laboratory (MHL) Asbestos Removal	Manly Vale	2019	2022	3,500	1,200	2,300
Remote Sensing Water Compliance Support	Parramatta	2018	2022	4,127	1,127	3,000
Total, Works in Progress						216,514
Total, Major Works						351,980
Leases						
Lease Acquisitions greater than or equal to \$20 million						
Lease for Office Hub in 6 Parramatta Square, Parramatta	Parramatta	2021	2022	141,746		141,746
Lease Acquisitions between \$250,000 and \$20 million - Property	Various	n.a.	n.a.	n.a.	n.a.	64,206
Total, Leases						205,952
Total, Minor Works						84,268
Total, Department of Planning, Industry and Environment						642,200

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Environment Protection Authority

Major Works

New Works

Waste Tracking System	Parramatta	2021	2022	5,000		5,000
Total, New Works						5,000

Works in Progress

Digital Stakeholder Management Solution	Parramatta	2015	2024	6,059	3,744	1,155
IT System For Tracking Perfluorinated Alkylated Substances (PFAS)	Williamstown	2017	2022	1,893	1,393	500
IT Systems and Equipment For Contaminated Land Management	Haymarket	2017	2022	996	348	648
Regulatory System Transformation	Sydney	2017	2024	25,862	9,195	6,072
Regulatory and Communication System Enhancement	Parramatta	2013	2023	14,522	13,722	400
Total, Works in Progress						8,775

Total, Major Works	13,775
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Leases

Lease Acquisitions between \$250,000 and \$20 million - Property and Fleet Leases	Parramatta	n.a.	n.a.	n.a.	n.a.	420
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Total, Leases	420
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Total, Minor Works	300
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Total, Environment Protection Authority	14,495
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Natural Resources Commission

Leases

Lease Acquisitions between \$250,000 and \$20 million	Sydney	n.a.	n.a.	n.a.	n.a.	20
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Total, Leases	20
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Total, Natural Resources Commission	20
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Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Royal Botanic Gardens and Domain Trust

Major Works

Works in Progress

Australian Institute of Botanical Science	Various	2018	2023	59,478	33,183	22,490
Royal Botanic Gardens and Domain Trust - Bushfire Related Costs	Mount Tomah	2020	2024	2,000	1,100	300
Strategic Asset Maintenance Program	Sydney	2017	2024	13,872	6,237	1,852
Total, Works in Progress						24,642
Total, Major Works						24,642
Leases						
Leasing Acquisitions less than \$250,000	Sydney	n.a.	n.a.	n.a.	n.a.	142
Total, Leases						142
Total, Minor Works						3,879
Total, Royal Botanic Gardens and Domain Trust						28,663

Sydney Olympic Park Authority

Major Works

Works in Progress

Developer Funded Precinct Improvements	Sydney Olympic Park	2006	2022	84,173	80,923	3,250
Stadium Australia: Critical Capital Works and Maintenance	Sydney Olympic Park	2020	2023	81,402	9,078	61,189
Total, Works in Progress						64,439
Total, Major Works						64,439
Total, Minor Works						9,875
Total, Sydney Olympic Park Authority						74,314

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Aboriginal Housing Office

Major Works

Works in Progress

Aboriginal Housing - New Supply and Upgrades	Various	2014	2031	496,570	75,720	99,933
Total, Works in Progress						99,933
Total, Major Works						99,933
Total, Minor Works						908
Total, Aboriginal Housing Office						100,841

Biodiversity Conservation Trust of NSW

Leases

Lease Acquisitions less than \$250,000 - Private Leases	Parramatta	n.a.	n.a.	n.a.	n.a.	86
Total, Leases						86
Total, Minor Works						15,000
Total, Biodiversity Conservation Trust of NSW						15,086

Centennial Park and Moore Park Trust

Major Works

Works in Progress

General

Learning Centre Facility Enhancement	Centennial Park	2017	2022	3,040	1,740	1,300
Strategic Asset Maintenance Program	Centennial Park	2017	2024	12,982	9,809	2,069
Leisure Facilities						
E.S. Marks Safety Upgrade	Moore Park	2015	2022	2,887	587	2,300
Moore Park Golf Entertainment Upgrade	Moore Park	2017	2022	3,521	1,721	1,800

Total, Works in Progress						7,469
Total, Major Works						7,469
Total, Minor Works						2,500
Total, Centennial Park and Moore Park Trust						9,969

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Hunter and Central Coast Development Corporation

Major Works

Works in Progress

Capitalisation of Public Infrastructure Built on Corporation Owned Land	Newcastle	2019	2023	40,192	25,464	7,969
Total, Works in Progress						7,969
Total, Major Works						7,969
Total, Minor Works						200
Total, Hunter and Central Coast Development Corporation						8,169

Planning Ministerial Corporation

Major Works

New Works

New Land Acquisitions	Various	2021	2022	40,000		40,000
Total, New Works						40,000

Works in Progress

Economic Recovery Planning Reform Measures	Various	2020	2023	40,000	10,000	15,000
General Land Acquisition	Various	2007	2031	868,220	393,220	45,000
Land Acquisition - M4 Westbound Off Ramp	Lidcombe	2021	2022	19,500		19,500
Strategic Open Green Space - Embellishments Program	Various	2018	2023	50,000	3,855	44,328
Strategic Open Green Space - Land Acquisitions	Various	2019	2024	100,056	23,112	25,000
Total, Works in Progress						148,828
Total, Major Works						188,828
Total, Planning Ministerial Corporation						188,828

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Property NSW

Major Works

New Works

Registrar General's Building Project	Sydney	2021	2024	119,266		10,026
Whole of Government Regional Hubs - Dubbo and Coffs Harbour	Various	2022	2024	103,200		18,900
Total, New Works						28,926

Works in Progress

Building Refurbishment Program	Various	2012	2031	137,629	57,060	49,019
Coffs Harbour Jetty Foreshore Precinct Project	Coffs Harbour	2020	2022	20,000	5,000	15,000
Revitalisation of Parramatta North Precinct	North Parramatta	2021	2022	4,300	3,000	1,300
Total, Works in Progress						65,319

Total, Major Works

94,245

Total, Property NSW

94,245

Office of the Independent Planning Commission

Leases

Lease Acquisitions between \$250,000 and \$20 million	Sydney	n.a.	n.a.	n.a.	n.a.	1,995
Total, Leases						1,995
Total, Minor Works						270
Total, Office of the Independent Planning Commission						2,265

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Western Sydney Parklands Trust

Major Works

Works in Progress

Bringelly Road Business Hub	Horningsea Park	2016	2022	11,718	10,347	1,371
Conservation Works	Various	2008	2031	24,910	14,718	1,161
Multipurpose Pathway	Various	2009	2031	27,863	13,783	1,476
NSW Motor Sports Strategy	Eastern Creek	2020	2022	33,400	28,925	4,475
Signage and Track Improvements	Various	2009	2022	7,263	6,778	485
Upgrade and Improve Park Facilities	Various	2010	2031	62,833	28,597	6,000
Total, Works in Progress						14,968
Total, Major Works						14,968
Total, Minor Works						1,525
Total, Western Sydney Parklands Trust						16,493

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Premier and Cabinet

Major Works

New Works

Ultimo Powerhouse Museum ^(a)	Ultimo	2021	n.a.	n.a.		3,767
Total, New Works						3,767

Works in Progress

Arts Maintenance and Upgrades Program	Various	2020	2022	103,835	33,502	67,166
New Powerhouse Museum in Parramatta (including Castle Hill)	Various	2019	2024	n.a.	200,391	156,168
Walsh Bay Arts Precinct Project	Dawes Point	2019	2022	371,340	290,729	80,611
Total, Works in Progress						303,945

Total, Major Works

307,712

Leases

Lease Acquisitions between \$250,000 and \$20 million	Sydney	n.a.	n.a.	n.a.	n.a.	402
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Total, Leases

402

Total, Minor Works

16,334

Total, Department of Premier and Cabinet

324,448

(a) Final delivery timeframe and costs will be confirmed following completion of planning and design process.

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Infrastructure NSW

Major Works

Works in Progress

Blackwattle Bay Redevelopment Project

Blackwattle Bay Urban Redevelopment	Pymont	2020	2029	165,239	42,212	17,884
New Sydney Fish Markets - Main Works	Glebe	2020	2024	750,000	43,396	243,389
Barangaroo - Arts & Culture Projects	Barangaroo	2017	2029	25,464	2,475	2,523
Barangaroo Developer Contributions Plan	Barangaroo	2019	2025	55,000	1,396	8,052
Barangaroo - Infrastructure Projects	Barangaroo	2020	2028	312,207	261,713	14,882
Sydney Football Stadium Redevelopment ^(a)	Moore Park	2019	2022	828,000	527,554	296,522
Total, Works in Progress						583,252
Total, Major Works						583,252
Total, Minor Works						105
Total, Infrastructure NSW						583,357

(a) Note the ETC of \$828 million reflects the total cost of the Sydney Football Stadium Redevelopment, which includes \$804.3 million capital expenditure and \$23.7 million operating costs'

Investment NSW

Major Works

Works in Progress

Global NSW Strategy	Sydney	2020	2029	7,200	34	3,766
Sydney Innovation & Technology Precinct	Various	2020	2022	12,345	2,447	9,898
Total, Works in Progress						13,664
Total, Major Works						13,664
Total, Investment NSW						13,664

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Parliamentary Counsel's Office

Major Works

Works in Progress

EnAct - Enhancement of Legislation and Publishing system	Sydney	2020	2022	750	162	588
Total, Works in Progress						588
Total, Major Works						588
Total, Minor Works						250
Total, Parliamentary Counsel's Office						838

Western Parkland City Authority

Major Works

New Works

Bradfield City Centre First Building	Bringelly	2021	2023	47,800		5,000
Bradfield City Centre Stage 1 Enabling Works	Bringelly	2021	n.a.	870,000		47,300
Total, New Works						52,300

Works in Progress

Advanced Manufacturing and Research Facility (Planning)	Bringelly	2020	2022	6,000	1,003	4,997
Aerotropolis Core Strategic Planning	Bringelly	2020	2022	8,750	5,997	2,753
Western Sydney Aerotropolis Enabling Works	Parramatta	2020	2022	15,000	1,255	13,745
Total, Works in Progress						21,495
Total, Major Works						73,795
Total, Minor Works						2,273
Total, Western Parkland City Authority						76,068

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Art Gallery of New South Wales

Major Works

Works in Progress

Sydney Modern Project - Expansion of the Art Gallery	Sydney	2017	2022	344,317	182,790	152,711
Total, Works in Progress						152,711
Total, Major Works						152,711
Total, Minor Works						5,700
Total, Art Gallery of New South Wales						158,411

Australian Museum

Major Works

New Works

Minerals Gallery – New Gallery Construction	Darlinghurst	2021	2022	1,800		1,800
Total, New Works						1,800
Works in Progress						
Pacific Gallery – Relocation and Expansion	Darlinghurst	2020	2023	3,095	92	511
Stage 1 Australian Museum Redevelopment	Darlinghurst	2018	2022	55,048	48,967	4,500
Total, Works in Progress						5,011
Total, Major Works						6,811
Total, Minor Works						13,667
Total, Australian Museum						20,478

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Historic Houses Trust of New South Wales

Major Works

Works in Progress

10-Year Capital Maintenance Program	Various	2016	2026	32,000	21,089	2,426
Asset Compliance Capital Maintenance Project	Various	2020	2022	2,000	1,600	400
Total, Works in Progress						2,826
Total, Major Works						2,826
Total, Minor Works						2,000
Total, Historic Houses Trust of New South Wales						4,826

State Archives and Records Authority of New South Wales

Major Works

Works in Progress

Critical Fire Protection Upgrade & Site Compliance Program	Kingswood	2018	2022	15,996	11,789	4,203
Total, Works in Progress						4,203
Total, Major Works						4,203
Leases						
Lease Acquisitions between \$250,000 and \$20 million	Caddens	n.a.	n.a.	n.a.	n.a.	4,466
Total, Leases						4,466
Total, Minor Works						1,193
Total, State Archives and Records Authority of New South Wales						9,862

State Library of New South Wales

Major Works

Works in Progress

Accessibility and Functionality Upgrades	Sydney	2020	2023	12,285	3,285	6,700
Digitisation for Regional Delivery Program	Sydney	2012	2022	59,550	53,996	5,554
Total, Works in Progress						12,254
Total, Major Works						12,254
Total, Minor Works						10,858
Total, State Library of New South Wales						23,112

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Independent Commission Against Corruption

Major Works

Works in Progress

Hearing Room Audio Visual Technology Replacement Project	Sydney	2020	2022	500	350	150
Total, Works in Progress						150
Total, Major Works						150
Total, Minor Works						1,265
Total, Independent Commission Against Corruption						1,415

New South Wales Electoral Commission

Major Works

New Works

Election Systems Upgrade

Voting Centre Device Refresh	Various	2021	2022	7,100		7,100
Total, New Works						7,100

Works in Progress

Election Systems Upgrade

Funding Disclosure & Compliance Online System	Various	2017	2022	16,856	10,634	6,222
Local Government Regulation Changes	Various	2019	2022	5,661	4,061	1,600
GovDC Reform	Sydney	2018	2022	1,448	1,028	420
State General Election	Various	2018	2022	1,596	859	737
Total, Works in Progress						8,979

Total, Major Works

16,079

Leases

Elizabeth Street Office Relocation and Lease	Sydney	2020	2022	41,903	41,178	725
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Total, Leases

725

Total, Minor Works

100

Total, New South Wales Electoral Commission

16,904

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

The following agencies have a minor works program only

Greater Sydney Commission	400
Resilience NSW	11,664
Destination NSW	333
Museum of Applied Arts and Sciences	3,968
Audit Office of New South Wales	2,220
Law Enforcement Conduct Commission	1,200
Ombudsman's Office	784
Public Service Commission	270

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Regional NSW

Major Works

New Works

Farms of the Future	Various	2021	2022	2,822		2,822
Lower Darling Fish Passage Program Phase 1	Pooncarie	2021	2022	119		119
Pests, Weeds & Disease Management	Various	2021	2022	500		500
Total, New Works						3,441

Works in Progress

2017 R&D Partnership with Grains Research Development Corporation	Various	2017	2027	20,000	5,344	4,000
Chickpea Breeding Program	Calala	2020	2023	5,000	1,065	2,935
Doppler Radar in Central and West NSW	Various	2019	2022	24,400	2,660	675
Gaden Trout Hatchery - Educational Tourism Destination	Jindabyne	2020	2022	3,017	46	2,971
Marine Estate Management Strategy	Various	2018	2022	3,606	1,203	1,880
Narrandera Fisheries Centre Upgrade	Gillienbah	2020	2022	5,600	588	5,012
Regional Digital Connectivity including Gig State project	Various	2019	2024	169,769	4,286	73,283
Special Activation Precincts Pre-Delivery Works	Various	2021	2023	75,000	5,000	50,000
Titles Management System	Various	2018	2022	5,078	3,549	1,529
World Class Food and Fibre - Stage 1	Various	2018	2022	50,000	32,772	14,572
World Class Food and Fibre - Stage 2	Various	2020	2023	50,819	1,551	36,653
Total, Works in Progress						193,510

Total, Major Works	196,951
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Total, Minor Works	9,715
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Total, Regional NSW	206,666
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Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Regional Growth NSW Development Corporation

Major Works

Works in Progress

Parkes Special Activation Precinct	Parkes	2020	2023	185,382	28,194	78,117
Wagga Wagga Special Activation Precinct	Bomen	2020	2024	150,584	1,131	22,123
Total, Works in Progress						100,240
Total, Major Works						100,240
Total, Regional Growth NSW Development Corporation						100,240

Local Land Services

Major Works

New Works

Land Acquisition	Breeza	2021	2022	12,000		12,000
Local Land Services Core Services	Various	2021	2023	3,000		1,500
Total, New Works						13,500

Works in Progress

Biodiversity Reforms	Various	2017	2022	12,746	9,364	1,500
Bushfire Insurance Fence Repairs	Various	2020	2022	1,999	763	1,236
Future Fund	Various	2018	2023	21,000	9,439	6,311
Total, Works in Progress						9,047
Total, Major Works						22,547

Leases

Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	1,386
Lease Acquisitions less than \$250,000	Various	n.a.	n.a.	n.a.	n.a.	1,878
Total, Leases						3,264
Total, Minor Works						300
Total, Local Land Services						26,111

The following agencies have a minor works program only

New South Wales Rural Assistance Authority	50
NSW Food Authority	1,100

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Department of Communities and Justice

Major Works

New Works

Dubbo Court Expansion	Dubbo	2021	2023	5,245		1,000
Improving Local Court Capacity	Various	2021	2023	1,003		852
Protect Highly Sensitive Data Phase 2	Various	2021	2031	175,000		30,000
Sustaining Critical Infrastructure Program Phase 2	Various	2021	2025	120,000		30,000
Total, New Works						61,852

Works in Progress

Albury Courthouse Upgrade	Albury	2020	2022	5,000	420	4,580
Civil Justice Initiatives	Sydney	2018	2022	2,565	2,379	186
Criminal Justice Reform Phase 2	Sydney	2020	2022	622	482	140
Digital Courts Reform Program	Various	2020	2023	33,069	8,536	14,479
Domestic Violence - Enhancement in Courts	Various	2020	2022	9,500	4,050	5,450
Electronic Monitoring of Sex Offender Parolees	Silverwater	2019	2022	3,759	3,563	196
6 Parramatta Square Relocation	Parramatta	2020	2025	23,372	3,183	16,736
Cyber Security Enhancements	Various	2020	2023	24,709	5,813	7,356
Prison Bed Capacity Program	Various	2015	2022	2,416,051	2,321,561	94,490
Prison Body Scanners for Correctional Centres	Various	2020	2022	15,200	14,395	805
Sustaining Critical Infrastructure Program	Various	2020	2022	100,000	39,000	61,000
Youth Justice System Reform Program	Various	2020	2022	6,058	3,620	2,438
Total, Works in Progress						207,856

Total, Major Works

269,708

Leases

Lease Acquisition - 6 Parramatta Square	Parramatta	n.a.	n.a.	n.a.	n.a.	500,321
Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	49,660
Lease Acquisitions less than \$250,000	Various	n.a.	n.a.	n.a.	n.a.	9,865

Total, Leases

559,846

Total, Minor Works

77,291

Total, Department of Communities and Justice

906,845

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Crown Solicitor's Office

Major Works

New Works

Enterprise business systems	Sydney	2021	2022	800		800
Total, New Works						800
Total, Major Works						800
Total, Minor Works						1,241
Total, Crown Solicitor's Office						2,041

Fire and Rescue NSW

Major Works

New Works

Marsden Park New Station and Fire Appliances	Riverstone	2021	2023	5,394		1,700
NSW Bushfire Inquiry Funding Package - Stage 2	Various	2021	2022	5,210		5,210
Oran Park New Station and Fire Appliances	Oran Park	2021	2023	6,194		1,700
Total, New Works						8,610

Works in Progress

Alexandria Fire Station Remediation and Renovation	Alexandria	2016	2022	7,500	1,500	6,000
Busby Land and New Station	Busby	2020	2023	6,662	1,762	300
Dungog Land and New Station	Dungog	2019	2022	2,116	516	1,600
Kingscliff New Station	Kingscliff	2020	2022	4,700	200	4,500
Muswellbrook Land and New Station	Muswellbrook	2019	2022	3,053	753	2,300
Replacement of Fire Appliances	Various	2011	2025	226,997	156,337	17,660
Ryde Land and New Station	Ryde	2018	2022	8,300	3,250	5,050
Stay Safe and Keep Operational Programme	Various	2020	2022	31,309	14,043	17,266
Wentworth Falls Fire Station Renovation	Wentworth Falls	2020	2022	1,630	130	1,500
Total, Works in Progress						56,176
Total, Major Works						64,786
Total, Minor Works						17,809
Total, Fire and Rescue NSW						82,595

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Legal Aid Commission of New South Wales

Major Works

New Works

Magistrates package - Local Court Capacity	Haymarket	2021	2023	300		300
Total, New Works						300
Total, Major Works						300
Leases						
Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	322
Total, Major Works						322
Total, Minor Works						6,569
Total, Legal Aid Commission of New South Wales						7,191

New South Wales Crime Commission

Major Works

New Works

Financial Investigations Capability Enhancement	Sydney	2021	2031	1,274		898
Total, New Works						898
Total, Major Works						898
Total, Minor Works						570
Total, New South Wales Crime Commission						1,468

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

NSW Police Force

Major Works

New Works

Electronic Countermeasure Devices	Various	2021	2023	830		470
Marine Vessel Replacement Program - Phase 2	Various	2021	2026	18,918		1,643
Singleton Police Station	Singleton	2021	2023	12,000		2,500
Total, New Works						4,613

Works in Progress

Bathurst Police Station Major Upgrade	Bathurst	2019	2023	7,000	490	3,220
Bega Police Station	Bega	2019	2023	13,000	3,853	5,980
Bourke Police Station Major Upgrade	Bourke	2019	2023	7,000	490	3,220
Critical Communications Enhancement Program - Australian Communications and Media Authority Compliance Program	Various	2019	2022	6,875	6,050	825
Cyber Security Transformation Program	Various	2021	2023	8,611	2,846	4,311
Digital Drivers Licence Phase 2	Various	2020	2022	1,118	643	475
Dubbo Regional Education and Training Centre	Dubbo	2020	2023	35,000	1,373	24,627
Firearms Registry Phases 1 and 2	Various	2020	2022	6,000	3,300	2,700
Fit-out of Vehicles Associated with an Additional 1,500 Police	Various	2019	2023	8,161	1,166	4,328
Goulburn Police Station	Goulburn	2019	2023	25,000	1,750	11,500
Integrated Policing Operations System	Various	2019	2028	n.a.	24,963	65,300
Jindabyne Area Police Stations Program	Jindabyne	2019	2023	13,000	910	5,980
Law Enforcement Monitoring Facility	Various	2020	2022	21,000	5,000	16,000
Moama Police Station	Moama	2020	2023	4,000	500	2,000
Multipurpose Police Station Program	Various	2018	2023	107,860	37,875	59,961
National Criminal Intelligence System Tranche 1	Various	2020	2022	5,243	2,662	2,581
National Facial Biometric Matching Capability Implementation in NSW	Various	2018	2022	1,760	1,690	70
Newcastle Police Station Refurbishment and Upgrade	Newcastle	2020	2024	6,500	1,500	2,000
Police Dog Transport Modules	Various	2017	2022	1,269	766	503
Police Dog Unit Command Facilities	Menai	2016	2023	7,214	340	3,778
Police Properties Economic Stimulus - Build, Retain, Preserve	Various	2020	2022	37,700	15,000	22,700

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

NSW Police Force (cont.)

Port Kembla Jetty Upgrade	Port Kembla	2020	2022	1,360	1,000	360
Prisoner Transport Modules	Various	2017	2022	5,882	1,371	4,511
Property Fit-out and Modifications to Accommodate an Additional 1,500 Police	Various	2019	2023	17,344	4,198	7,573
Road Safety Plan 2021	Various	2018	2023	2,322	1,882	200
Specialised Vehicle Replacement	Various	2018	2022	6,750	5,150	1,600
Technology Asset Refresh Program Phase 4	Various	2018	2022	40,000	31,260	8,740
Upgrade to the Goulburn Police Academy	Goulburn	2020	2023	60,000	1,500	19,000
Waverley Police Station	Waverley	2018	2023	25,000	275	10,095
Total, Works in Progress						294,138
Total, Major Works						298,751
Leases						
Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	26,066
Lease Acquisitions less than \$250,000	Various	n.a.	n.a.	n.a.	n.a.	34,777
Total, Leases						60,843
Total, Minor Works						29,807
Total, NSW Police Force						389,401

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

NSW Rural Fire Service

Major Works

New Works

NSW Bushfire Inquiry Funding Package - Stage 2	Various	2021	2023	25,748		7,441
Total, New Works						7,441

Works in Progress

NSW Bushfire Inquiry Funding Package - Stage 1	Various	2020	2031	13,922	3,204	4,362
Total, Works in Progress						4,362

Total, Major Works						11,803
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Leases

Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	482
Total, Leases						482

Total, Minor Works						17,462
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Total, NSW Rural Fire Service						29,747
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Office of Sport

Major Works

Works in Progress

Jindabyne Regional Sports Hub	Jindabyne	2020	2022	4,600	2,050	2,550
Total, Works in Progress						2,550

Total, Major Works						2,550
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Leases

Lease Acquisitions between \$250,000 and \$20 million	Sydney Olympic Park	n.a.	n.a.	n.a.	n.a.	300
Total, Leases						300

Total, Minor Works						5,593
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Total, Office of Sport						8,443
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Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Office of the NSW State Emergency Service

Major Works

Works in Progress

Critical Communications Enhancement Program (CCEP) - Stay Safe Keep Operational	Various	2018	2023	47,664	5,917	29,647
NSW SES Fleet - (Stage 1)	Various	2018	2028	116,043	38,713	15,373
Total, Works in Progress						45,020
Total, Major Works						45,020
Total, Minor Works						2,242
Total, Office of the NSW State Emergency Service						47,262

Multicultural NSW

Major Works

New Works

Digitalisation of Language Interpreting Services Delivery	Harris Park	2021	2022	1,000		1,000
Total, New Works						1,000
Total, Major Works						1,000
Total, Minor Works						1,500
Total, Multicultural NSW						2,500

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

NSW Trustee and Guardian

Major Works

Works in Progress

Business Intelligence System	Various	2011	2022	1,566	624	942
Client Management System	Various	2010	2022	16,936	16,004	932
Records Management System	Various	2012	2023	1,213	713	443
SAP Financial System	Various	2015	2023	3,209	2,442	100
Total, Works in Progress						2,417
Total, Major Works						2,417

Leases

Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	3
Total, Leases						3
Total, Minor Works						4,300
Total, NSW Trustee and Guardian						6,720

Judicial Commission of New South Wales

Leases

Lease Acquisitions less than \$250,000	Sydney	n.a.	n.a.	n.a.	n.a.	106
Total, Leases						106
Total, Minor Works						150
Total, Judicial Commission of New South Wales						256

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Office of the Children's Guardian

Major Works

Works in Progress

Digital Enhancements to the Working With Children Check Screening System	Redfern	2020	2022	450	350	100
NDIS Worker Check IT System	Redfern	2018	2022	4,779	4,300	479
Total, Works in Progress						579

Total, Major Works

579

Leases

Lease Acquisitions between \$250,000 and \$20 million	Redfern	n.a.	n.a.	n.a.	n.a.	1,039
Total, Leases						1,039

Total, Minor Works

310

Total, Office of the Children's Guardian

1,928

Office of the Director of Public Prosecutions

Major Works

Works in Progress

CASES matter management system replacement	Various	2020	2022	8,806	874	7,932
Wollongong Office Relocation - Fitout	Wollongong	2020	2021	2,000	1,800	200
Total, Works in Progress						8,132

Total, Major Works

8,132

Leases

Lease Acquisition - Office Space in Sydney	Sydney	2021	2034	84,608	-	17,298
Lease Acquisitions between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	n.a.	583

Total, Leases

17,881

Total, Minor Works

1,845

Total, Office of the Director of Public Prosecutions

27,858

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Transport for NSW

Major Works ^{(a)(b)}

Works in Progress

Central Coast Roads

Central Coast Highway, Tumby Road to Bateau Bay Road (Planning)	Wamberal - Bateau Bay	n.a.	n.a.	n.a.	4,027	6,000
Manns Road, Central Coast Highway to Narara Creek Road (Planning) (State and Federal Funded)	West Gosford - Narara	n.a.	n.a.	n.a.	9,632	6,686
Pacific Highway and Manns Road, Narara Creek Road to Parsons Road (Planning)	Narara - Lisarow	n.a.	n.a.	n.a.	25,297	4,443
Pacific Highway, Parsons Road to Ourimbah Street	Lisarow	n.a.	2023	178,000	120,780	27,800
Pacific Highway, Wyong Town Centre (Planning)	Wyong	n.a.	n.a.	n.a.	32,510	4,000

Easing Sydney's Congestion

Bus Priority Infrastructure (including Bus Rapid Transit Planning)	Various	n.a.	n.a.	n.a.	175,576	20,006
Gateway to the South Pinch Points	Various	n.a.	2022	300,000	203,002	32,000
Intelligent Congestion Management Program (Stage 1)	Various	n.a.	n.a.	n.a.	27,666	5,000
Intelligent Congestion Management Program (Stage 2)	Various	n.a.	n.a.	n.a.	78,179	35,118
Pinch Points and Clearways	Various	n.a.	n.a.	n.a.	350,704	170,000

Established Sydney Roads

Heathcote Road - The Avenue to Princes Highway (Planning)	Various	n.a.	n.a.	n.a.	2,000	5,000
Heathcote Road, Infantry Parade, Hammondville to The Avenue, Voyager Point (State and Federal Funded)	Holsworthy	n.a.	n.a.	n.a.	22,405	17,000
Heathcote Road, Woronora River Bridge	Heathcote	n.a.	n.a.	n.a.	2,821	15,000
Henry Lawson Drive Upgrade	Milperra	n.a.	n.a.	n.a.	6,855	14,000
Homebush Bay Drive Upgrade (Planning) (State and Federal Funded)	Liberty Grove	n.a.	n.a.	n.a.	1,666	5,000
King Georges Road, Stoney Creek Road to Connells Point Road (State and Federal Funded)	Penshurst	n.a.	n.a.	n.a.	13,312	17,000
Mona Vale Road, Manor Road to Foley Street	Mona Vale	n.a.	2022	250,000	123,799	29,000

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Transport for NSW (cont.)

New Hawkesbury River crossing at Richmond (Planning) (State and Federal Funded)	North Richmond	n.a.	n.a.	n.a.	5,229	5,000
Prospect Highway, Reservoir Road to St Martins Crescent (State and Federal Funded)	Prospect	n.a.	2023	252,000	32,831	30,000
Great Western Highway						
Katoomba to Lithgow Upgrade (Planning) (State and Federal Funded)	Katoomba - Lithgow	n.a.	n.a.	n.a.	26,600	107,000
Kelso to Raglan Upgrade	Kelso	n.a.	2023	n.a.	15,961	24,500
Hunter Roads						
Fingal Bay Link Road (Planning)	Port Stephens	n.a.	n.a.	n.a.	1,985	500
Hunter Pinch Points	Various	n.a.	2023	23,500	13,163	5,791
Nelson Bay Road Improvements	Williamtown	n.a.	n.a.	n.a.	16,097	7,500
Newcastle Inner City Bypass, Rankin Park to Jesmond (Preconstruction) (State and Federal Funded)	Williamtown	n.a.	n.a.	n.a.	64,228	29,000
Pacific Motorway, Extension to Raymond Terrace (Planning) (State and Federal Funded)	Hexham	n.a.	n.a.	n.a.	63,169	28,078
Interchanges and Accessibility						
Circular Quay Precinct Renewal (Planning)	Sydney	n.a.	n.a.	n.a.	63,462	20,000
Macquarie University Station Transport Interchange (State and Federal Funded)	Macquarie Park	n.a.	n.a.	n.a.	8,124	6,000
Transport Access Program - Commuter Wharf Upgrades	Various	n.a.	n.a.	n.a.	230,528	16,000
Light Rail						
Parramatta Light Rail Stage 1	Parramatta	n.a.	2023	2,400,000	1,730,632	627,000
Parramatta Light Rail Stage 2 (Planning)	Rydalmere	n.a.	n.a.	n.a.	22,000	30,000
New England Highway						
New England Highway, Belford to Golden Highway Upgrade	Belford	n.a.	2024	n.a.	17,208	26,199
New England Highway, Bolivia Hill Upgrade (State and Federal Funded)	Bolivia	n.a.	2021	134,000	116,894	16,000
New England Highway, Muswellbrook Bypass (Planning and Preconstruction)	Muswellbrook	n.a.	n.a.	n.a.	11,696	14,077
New England Highway, Singleton Bypass (Planning and Preconstruction) (State and Federal Funded)	Singleton	n.a.	n.a.	n.a.	22,311	14,000

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Transport for NSW (cont.)

New England Highway, Tenterfield Heavy Vehicle Bypass (Planning) (Federal Funded)	Tenterfield	n.a.	n.a.	n.a.	10,400	500
Newell Highway						
Newell Highway Flood Mitigation Works	Various	n.a.	n.a.	n.a.	3,394	3,000
Newell Highway Heavy Vehicle Pavement Upgrades (Planning and Preconstruction) (State and Federal Funded)	Narrabri - Boggabilla	n.a.	n.a.	n.a.	35,603	58,053
Newell Highway, New Dubbo Bridge (Planning) (State and Federal Funded)	Dubbo	n.a.	n.a.	n.a.	24,764	20,000
Newell Highway, Overtaking Lanes (State and Federal Funded)	Various	n.a.	2023	260,000	184,513	36,364
Newell Highway, Parkes Bypass (State and Federal Funded)	Parkes	n.a.	n.a.	n.a.	34,293	60,000
Other Major Programs						
Active Transport	Various	n.a.	n.a.	n.a.	162,337	64,837
Maritime Stimulus Program	Various	n.a.	n.a.	n.a.	14,526	74,885
New buses to cater for NSW Services	Various	n.a.	n.a.	n.a.	511,168	188,222
Road Safety	Various	n.a.	n.a.	n.a.	1,002,185	331,515
Pacific Highway						
Coffs Harbour Bypass (Planning and Preconstruction) (State and Federal Funded)	Coffs Harbour	n.a.	n.a.	n.a.	205,976	100,000
Princes Highway						
Albion Park Rail Bypass	Yallah - Oak Flats	n.a.	2021	630,000	518,583	55,000
Batemans Bay Bridge Replacement	Batemans Bay	n.a.	2023	274,000	215,361	35,273
Berry to Bomaderry Upgrade	Various	n.a.	2022	450,000	352,108	61,000
Mount Ousley Interchange (Planning) (State and Federal Funded)	Mount Ousley	n.a.	n.a.	n.a.	n.a.	6,250
Nowra Bridge Replacement over the Shoalhaven River (State and Federal Funded)	Nowra	n.a.	2024	342,000	162,605	72,000
Princes Highway Upgrade Program (Planning) (State and Federal Funded)	Nowra - Moruya	n.a.	n.a.	n.a.	32,267	88,000
Regional NSW Major Road and Bridge Upgrades						
Barton Highway Improvements (State and Federal Funded)	Goulburn	n.a.	n.a.	n.a.	53,483	52,000

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Transport for NSW (cont.)

Cobb Highway, New Murray River Bridge (NSW Contribution) ^(c)	Moama - Echuca	n.a.	2022	90,000	80,711	8,825
Golden Highway Safety and Productivity Works (State and Federal Funded)	Various	n.a.	2021	133,000	111,471	3,785
Hume Highway Heavy Duty Pavement Upgrade (State and Federal Funded)	Marulan	n.a.	n.a.	n.a.	11,174	18,358
Kings Highway, Nelligen Bridge Replacement	Nelligen	n.a.	n.a.	n.a.	26,351	74,790
Monaro Highway Upgrade Program	Williamsdale - Cooma	n.a.	n.a.	n.a.	11,560	10,000
Regional NSW Bridge Upgrades	Various	n.a.	n.a.	n.a.	154,589	5,000
Silver City and Cobb Highway Seal Extension	Various	n.a.	2022	210,000	153,111	27,388
Waterfall Way Upgrade	Various	n.a.	n.a.	n.a.	3,799	14,069
Regional and Freight Rail						
Lower Hunter Freight Corridor (Planning and Preservation)	Hexham - Fassifern	n.a.	n.a.	n.a.	4,754	12,176
Fixing Country Rail Program	Various	n.a.	n.a.	n.a.	42,644	3,791
Sydney Motorways						
Beaches Link (Planning)	Various	n.a.	n.a.	n.a.	77,000	60,000
M4 Motorway, Hill Road Improvement	Lidcombe	n.a.	n.a.	n.a.	16,040	4,000
M6 Extension Stage 1	Rockdale	n.a.	2025	3,115,000	325,578	541,000
Smart Motorways (Planning) (State and Federal Funded)	Various	n.a.	n.a.	n.a.	18,523	5,000
Sydney Gateway	Mascot	n.a.	n.a.	n.a.	571,518	585,000
Warringah Freeway Upgrade	Various	n.a.	n.a.	n.a.	n.a.	286,000
WestConnex (State and Federal Funded) ^(d)	Various	n.a.	2023	16,800,000	4,250,168	1,200,000
Western Harbour Tunnel	Various	n.a.	n.a.	n.a.	704,355	108,000
Western Sydney Growth Roads						
Appin Road Improvements (Federal Funded)	Appin	n.a.	n.a.	n.a.	9,917	4,000
Mamre Road, M4 Motorway to Erskine Park Road (Planning)	St Clair	n.a.	n.a.	n.a.	5,592	10,000
Memorial Avenue, Old Windsor Road to Windsor Road	Kellyville	n.a.	2024	224,000	86,225	48,000
Mulgoa Road Infrastructure Upgrade - M4 to Glenmore Parkway and Blaikie Road to Jamieson Road (Planning)	Jamisontown	n.a.	n.a.	n.a.	3,700	1,400

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Transport for NSW (cont.)

Mulgoa Road Infrastructure Upgrade – Jane Street and Blaikie Road to M4 Motorway (State and Federal Funded)	Jamisontown	n.a.	n.a.	n.a.	182,646	28,600
Spring Farm Parkway (Planning)	Menangle Park	n.a.	n.a.	n.a.	14,027	20,000
The Horsley Drive, M7 Motorway to Cowpasture Road (State and Federal Funded)	Horsley Park	n.a.	n.a.	n.a.	4,186	25,000
Western Sydney Long Term Strategic Transport Corridor Preservation	Various	n.a.	n.a.	n.a.	148,000	64,400
Western Sydney Infrastructure Plan						
M12 Motorway, M7 to The Northern Road (Planning and Preconstruction) (State and Federal Funded)	Badgerys Creek	n.a.	n.a.	n.a.	688,464	222,000
The Northern Road Upgrade (State and Federal Funded)	Cobbitty	n.a.	2023	1,660,000	1,426,724	47,434
Total, Works in Progress						6,164,613
Total, Major Works						6,164,613
Total, Minor Works						2,123,523
Total, Transport for NSW						8,288,136

(a) Estimated total cost (ETC) is the announced cost.

(b) Start dates are not shown since each project is an amalgamation of individual works. ETC and completion dates are not available (n.a.) at this stage for some projects as they are in the planning phase. Completion dates refer to when the project is operational or opened. Further works may be undertaken and costs incurred after the completion date.

(c) ETC represents the NSW contribution to the project. The 2021-22 allocation is the Transport for NSW contribution only.

(d) Note that \$800 million of the WestConnex ETC is allocated toward the delivery of Sydney Gateway.

(e) Represents a rolling annual program.

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Sydney Metro

Major Works

Works in Progress

Sydney Metro City and Southwest ^(a)	Chatswood - Bankstown	2014	2024	n.a.	10,095,832	3,062,457
Sydney Metro-Western Sydney Airport ^(b)	St Marys-Bringelly	2018	2026	n.a.	393,065	943,000
Sydney Metro West	Westmead - Sydney CBD	2017	2030	n.a.	2,198,665	2,881,000
Total, Works in Progress						6,886,457
Total, Major Works						6,886,457
Total, Minor Works						47,742
Total, Sydney Metro						6,934,199

(a) The Sydney Metro City and Southwest funding allocation includes funding from PPP finance leases. The Central Walk project is part of this project and is under Transport Asset Holding Entity as the asset owner.

(b) Major civil construction work on the Sydney Metro - Western Sydney Airport project is expected to be completed in 2026. The start of rail operations is subject to the start of passenger airline services.

The following agency has a minor works program only

Office of Transport Safety Investigations

22

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

The Treasury ^(a)

Major Works

New Works

Productivity Reform - Supporting Economic Recovery	Sydney	2022	2022	1,000		1,000
Zero and Low Emission Vehicle Reform Project	Various	2022	2036	n.a.		1,035
Total, New Works						2,035
Works in Progress						
Financial Management Transformation Optimisation	Sydney	2019	2022	4,942	897	4,045
Total, Works in Progress						4,045
Total, Major Works						6,080
Total, Minor Works						3,347
Total, The Treasury						9,427

(a) A number of capital projects from 2020-21 no longer appear due to recent Machinery of Government changes.

Workers' Compensation (Dust Diseases) Authority

Major Works

New Works

Enhancements to IT Systems and Screening Equipment	Sydney	2021	2023	13,200		8,900
Total, New Works						8,900
Total, Major Works						8,900
Total, Minor Works						40
Total, Workers' Compensation (Dust Diseases) Authority						8,940

The following agency has a minor works program only

NSW Self Insurance Corporation

170

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

The Legislature

Major Works

New Works

Electorate Offices Relocation Fit-out	Various	2021	2022	1,000		1,000
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Total, New Works						1,000
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Works in Progress

Audiovisual Services	Sydney	2020	2023	14,213	3,152	6,164
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Digital Parliament	Sydney	2020	2023	26,271	7,463	13,909
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Infrastructure Upgrades at Parliament House	Sydney	2019	2022	5,174	4,084	1,090
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Parliament House Ceiling and Building Services Replacement	Sydney	2016	2023	23,585	18,899	4,190
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Parliament House Tower Block Membrane Replacement	Sydney	2016	2023	20,835	5,449	8,306
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Total, Works in Progress						33,659
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Total, Major Works						34,659
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Leases

Lease Acquisition - Electorate Offices	Various	n.a.	n.a.	n.a.	n.a.	4,178
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Total, Leases						4,178
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Total, Minor Works						3,862
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Total, The Legislature						42,699
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6. PUBLIC NON-FINANCIAL CORPORATIONS PROJECTS

6.1 Public non-financial corporations projects

Transport

Transport Asset Holding Entity of New South Wales	6 - 3
NSW Trains	6 - 4
Sydney Trains	6 - 4
State Transit Authority of New South Wales	6 - 4
Sydney Ferries	6 - 4

Water

Hunter Water Corporation	6 - 5
Sydney Water Corporation	6 - 5
Water NSW	6 - 7

Ports

Newcastle Port Corporation (trading as Port Authority of NSW)	6 - 8
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Housing

New South Wales Land and Housing Corporation	6 - 9
Teacher Housing Authority of New South Wales	6 - 9

Property

Place Management NSW	6 - 10
Sydney Opera House Trust	6 - 10
Venues NSW	6 - 11
Forestry Corporation of New South Wales	6 - 11
Landcom	6 - 11

Other

Waste Assets Management Corporation	6 - 12
Zoological Parks Board of New South Wales	6 - 12

Electricity

Essential Energy	6 - 13
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Table 6.1: Capital investment by public non-financial corporations

Agency	Capital Expenditure			
	2020-21	2020-21	2021-22	Variation ^(b)
	Budget ^(a)	Revised ^(a)	Budget ^(a)	
	\$m	\$m	\$m	\$m
Transport				
Transport Asset Holding Entity	2,807.6	2,559.2	3,375.6	816.4
Sydney Trains	34.0	31.1	29.7	(1.4)
State Transit Authority of New South Wales	0.4	0.4	0.4	0.0
Sydney Ferries ^(c)	16.8	17.6	17.7	0.1
NSW Trains	10.8	17.0	4.4	(12.6)
Water				
Hunter Water Corporation	220.9	210.6	187.8	(22.8)
Sydney Water Corporation	1,642.8	1,040.3	1,666.4	626.1
Water NSW	352.4	234.3	263.5	29.2
Ports				
Newcastle Port Corporation (trading as Port Authority of NSW)	53.9	37.4	41.8	4.4
Housing				
New South Wales Land and Housing Corporation	593.1	547.8	751.7	203.9
Teacher Housing Authority of New South Wales	5.3	1.0	4.6	3.5
Property				
Place Management NSW	25.5	10.3	29.5	19.2
Sydney Cricket and Sports Ground Trust ^(d)	47.6	11.9	...	(11.9)
Sydney Opera House Trust	136.9	112.4	62.0	(50.4)
Venues NSW ^(d)	10.0	36.1	74.6	38.5
Forestry Corporation of New South Wales	17.2	14.7	12.5	(2.2)
Landcom	5.0	3.9	4.1	0.1
Other				
Waste Asset Management Corporation	0.3	0.1	0.3	0.3
Zoological Parks Board of New South Wales	27.6	11.1	85.2	74.2
Electricity				
Essential Energy	570.4	488.9	597.7	108.8
Total^(e)	6,578.7	5,386.2	7,209.4	1,823.2

(a) The difference between total investment in Table 6.1 and the total of agency programs in the project list represents the capitalising of interest

(b) The variation is from 2020-21 Revised to the 2021-22 Budget. Discrepancies between totals are due to rounding.

(c) Capital expenditure on fleet maintenance has not been included.

(d) From 1 December 2020 the Sydney Cricket and Sports Ground Trust and Venues NSW merged.

(e) Public Non-Financial Corporations investment published in Table A1.9 of Budget Paper 1 may not sum to the totals of agency programs published in Table 6.1. The difference represents intra-sector eliminations.

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Transport Asset Holding Entity of New South Wales

Major Works ^(a)

Works in Progress

Automatic Train Protection	Various	2008	n.a.	n.a.	774,988	35,000
Central Walk ^(b)	Sydney	2017	2022	n.a.	441,751	45,690
Commuter Car Parking Program (State and Federal Funded)	Various	2019	n.a.	n.a.	155,971	232,000
Fast Rail (Planning and Minor Works) (State and Federal Funded)	Various	2019	2026	326,000	25,088	45,000
Fixing Country Rail	Various	n.a.	n.a.	n.a.	47,985	60,000
Main Western Rail Line Capacity Enhancements	Lithgow - Dubbo/Parkes	n.a.	n.a.	n.a.	30,899	25,000
Mariyung Fleet (New Intercity Fleet)	Various	2014	2024	2,880,000	1,624,023	345,000
More Trains, More Services	Various	2016	n.a.	n.a.	2,417,934	1,133,000
Regional Rail Fleet Program ^(c)	Various	2017	n.a.	1,260,000	115,329	320,000
Transport Access Program ^(d)	Various	2011	n.a.	n.a.	1,761,025	365,000
Total, Works in Progress						2,605,690
Total, Major Works						2,605,690
Total, Minor Works						769,890
Total, Transport Asset Holding Entity of New South Wales						3,375,580

(a) A number of Estimated Total Costs (ETCs) and dates are shown as "n.a." reflecting that the program is a rolling program. ETC is the

(b) This project is being delivered as part of the Sydney Metro City and South West project and is being built at Central Station

(c) Capital ETC excludes financing cost for Public Private Partnership

(d) Includes a number of projects which commenced prior to 2011-12 and are now included in the larger Transport Access Program

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

NSW Trains

Leases

Lease Acquisition between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	3207	23
Total, Leases						23
Total, Minor Works						4,354
Total, NSW Trains						4,377

Sydney Trains

Leases

Lease Acquisition between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	11,077	15,663
Total, Leases						15,663
Total, Minor Works						14,000
Total, Sydney Trains						29,663

The following agencies have a minor works program only

State Transit Authority of New South Wales	435
Sydney Ferries	23,154

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Hunter Water Corporation

Major Works

New Works

Enhancement of Wastewater Infrastructure	Various	2021	2027	149,750		564
Enhancement of Water Infrastructure	Various	2021	2031	121,896		843
Other Business Projects	Various	2021	2024	5,571		1,200
Total, New Works						2,607

Works in Progress

Enhancement of Wastewater Infrastructure	Various	2015	2028	261,580	166,298	49,598
Enhancement of Water Infrastructure	Various	2019	2026	110,571	12,819	31,423
Enhancement of Water and Sewerage Infrastructure	Various	2018	2031	143,191	27,317	20,113
Wastewater Pump Station Improvement Compliance Program	Various	2020	2024	n.a.	n.a.	649
Other Business Projects	Various	2015	2025	105,918	32,468	19,580
Total, Works in Progress						121,363

Total, Major Works	123,970
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Total, Minor Works	63,870
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Total, Hunter Water Corporation	187,840
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Sydney Water Corporation

Major Works

New Works

Digital Customer Platform	Parramatta	2020	2022	29,040	8,112	17,556
Malabar System Stage 1	Malabar	2020	2025	376,000	240	8,000
Total, New Works						25,556

Works in Progress

Blue Mountains Cascades Water Supply	Katoomba	2020	2024	55,433	11,540	26,800
Business Experience Platform (BxP)	Various	2015	2022	117,160	93,553	28,427
Critical Watermain Program	Various	1998	2031	701,299	514,414	36,050
Cronulla Wastewater Treatment Plant Upgrade	Greenhills Beach	2019	2026	124,000	754	2,600
Greater Parramatta Olympic Peninsula	Parramatta	2019	2026	199,094	9,450	33,727

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Sydney Water Corporation (cont.)

Growth Works to Service Urban Development	Various	1995	2031	6,051,981	2,022,777	212,027
Information Technology Projects	Various	2001	2031	1,344,733	757,924	72,146
Maintain Water Distribution Systems	Various	1995	2031	4,399,902	1,763,264	108,283
Maintenance Plant Renewals	Various	2001	2031	113,151	69,556	4,000
Northern Suburbs Ocean Outfall Sewer Desilt and Rehabilitation Package B, C and D	Manly	2019	2026	183,192	54,892	48,200
North Head Wastewater Treatment Plant Biosolids Amplification	Manly	2019	2024	94,000	11,684	12,000
Northwest Treatment Hub Phase 2	Various	2019	2028	939,703	10,563	30,000
Property Management and Acquisition	Various	2001	2031	773,865	510,732	37,018
Prospect Macarthur Link Infrastructure	Prospect	2020	2024	578,000	170,429	176,100
Quakers Hill Wastewater Treatment Plant Renewal	Quakers Hill	2016	2022	380,940	352,624	37,368
Recycled Water Projects	Various	2014	2024	73,967	29,645	25,318
Richmond Water Recycling and Wastewater Treatment Plant Consolidation	Various	2019	2023	92,500	3,046	7,000
Sewage Overflow Abatement	Various	1995	2031	2,143,957	1,248,292	119,127
Sewer Network Reliability Upgrades	Various	1995	2031	3,064,464	1,562,545	136,662
Upper South Creek Advanced Water Recycling Centre	Various	2021	2025	1,239,000	26,426	80,000
Stormwater Asset Renewals	Various	2008	2031	560,864	147,228	42,334
Upgrade Reliability of Sewage Treatment Plants	Various	1995	2031	2,510,295	1,253,721	141,835
Vaucluse Diamond Bay Sewer Improvement	Vaucluse	2021	2025	86,000	3,989	14,000
Water Meter Replacement Program	Various	1995	2031	308,439	188,774	11,331
West Camden Wastewater Treatment Plant Upgrade Stage 3	Grasmere	2018	2024	219,981	7,950	120,000
Total, Works in Progress						1,562,353
Total, Major Works						1,587,909
Total, Sydney Water Corporation						1,587,909

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Water NSW

Major Works

New Works

Property Lease Renewal	Various	2021	2031	3,937		569
Upper Canal Replacement	Parramatta	2021	2031	15,402		4,422
Total, New Works						4,991

Works in Progress

Blue Mountains System Upgrade	Katoomba	2016	2022	9,926	8,694	1,232
Broken Hill Pipeline	Broken Hill	2017	2024	387,879	380,341	3,083
Burrendong Cold Water Pollution Control	Wellington	2012	2025	4,296	3,882	99
Catchments Upgrade	Various	1998	2031	30,243	8,841	4,615
General Upgrades	Various	1999	2031	928,042	349,086	45,257
Integrated Surveillance Monitoring, Automation and Remote Telemetry	Dubbo	2010	2031	21,863	18,524	553
Keepit Dam Upgrade	Keepit	1994	2022	124,594	121,278	3,316
Other Resilience Measure	Various	2019	2031	72,242	62,987	875
Warragamba Dam General Upgrade	Warragamba	1997	2031	148,529	12,065	371
Warragamba E-flows Construction	Warragamba	2018	2027	124,882	4,669	2,968
Warragamba Pipelines Upgrade	Warragamba	1998	2031	66,027	35,148	23,529
Water Security in the Border Rivers Region ^(a)	Various	n.a.	n.a.	n.a.	n.a.	n.a.
Water Security in the Lachlan Valley ^(a)	Various	n.a.	n.a.	n.a.	n.a.	n.a.
Water Security in the Peel Valley ^(a)	Various	n.a.	n.a.	n.a.	n.a.	n.a.
Total, Works in Progress						156,687

Total, Major Works	161,678
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Total, Minor Works	101,843
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Total, Water NSW	263,521
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(a) Dam funding is subject to completion of business cases and final investment decisions.

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Newcastle Port Corporation

Major Works

Works in Progress

Fire Fighting Capability Platforms	Barangaroo	2020	2023	n.a.	1,026	n.a.
Glebe Island - Multi-User Facility	Rozelle	2019	2022	n.a.	4,981	n.a.
Glebe Island - Utilities and Ancillary Items	Rozelle	2020	2022	n.a.	n.a.	n.a.
Overseas Passenger Terminal Berthing Infrastructure	The Rocks	2019	2022	n.a.	14,429	n.a.
Overseas Passenger Terminal Plant Replacement	The Rocks	n.a.	n.a.	n.a.	n.a.	n.a.
Total, Works in Progress						27,392
Total, Major Works						27,392
Total, Minor Works						14,440
Total, Newcastle Port Corporation						41,832

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

New South Wales Land and Housing Corporation

Major Works

New Works

Social Housing - Asset Improvement	Various	2021	2022	112,270		112,270
Social Housing - New Supply	Various	2021	2027	148,174		58,800
Total, New Works						171,070

Works in Progress

Social Housing - Asset Improvement	Various	2020	2022	160,000	70,000	90,000
Social Housing - New Supply	Various	2020	2031	1,325,414	173,692	444,470
Total, Works in Progress						534,470

Total, Major Works

705,540

Total, Minor Works

46,150

Total, New South Wales Land and Housing Corporation

751,690

Teacher Housing Authority of New South Wales

Major Works

New Works

New Houses to Meet Demand Growth	Various	2021	2023	3,800		2,500
Total, New Works						2,500

Works in Progress

New Houses to Meet Demand Growth	Various	2020	2022	3,070	1,020	2,050
Total, Works in Progress						2,050

Total, Major Works

4,550

Total, Teacher Housing Authority of New South Wales

4,550

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Place Management NSW

Major Works

Works in Progress

Darling Harbour Public Domain Upgrade	Sydney	2012	2031	83,549	15,763	9,213
The Rocks Public Domain Upgrade	The Rocks	2012	2031	64,672	23,667	7,776
White Bay Power Station	Rozelle	2020	2022	14,043	1,500	12,543
Total, Works in Progress						29,532
Total, Major Works						29,532
Total, Place Management NSW						29,532

Sydney Opera House Trust

Major Works

New Works

Critical Upgrades to Sydney Opera House Sea Walls and Broadwalk Structures - Investigation and Design Phase	Sydney	2021	2023	3,930		1,905
Total, New Works						1,905
Works in Progress						
Security Systems Upgrade	Sydney	2018	2023	27,759	21,589	6,170
Sydney Opera House Stage 1 Renewal	Sydney	2017	2022	217,874	185,960	31,914
Total, Works in Progress						38,084
Total, Major Works						39,989
Total, Minor Works						22,008
Total, Sydney Opera House Trust						61,997

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Venues NSW

Major Works

Works in Progress

Sydney Football Stadium Associated Works ^(a)	Moore Park	2021	2022	92,455	28,596	63,859
Total, Works in Progress						63,859
Total, Major Works						63,859
Total, Minor Works						10,712
Total, Venues NSW						74,571

(a) Includes the Stadium Club and Sydney Football Stadium Fixtures, Furniture and Equipment

Forestry Corporation of New South Wales

Major Works

Works in Progress

Road & Bridges	Various	2019	2031	9,225	2,491	481
Total, Works in Progress						481
Total, Major Works						481
Total, Minor Works						12,007
Total, Forestry Corporation of New South Wales						12,488

The following agencies have a minor works program only

Landcom	4,050
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Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Waste Assets Management Corporation

Major Works

Works in Progress

Former Pasminco Smelter Site	Boolaroo	2019	2022	399	249	150
Upgrade Excavator, Motor Vehicle and Monitoring Equipment	Eastern Creek	2018	2025	774	119	180
Total, Works in Progress						330

Total, Major Works						330
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Total, Waste Assets Management Corporation						330
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Zoological Parks Board of New South Wales

Major Works

New Works

Taronga Zoo Infrastructure Upgrades	Mosman	2021	2024	81,300		22,800
Total, New Works						22,800

Works in Progress

NSW Centre for Wildlife Rescue, Conservation Medicine and Species Recovery at Taronga Zoo and Taronga Western Plains Zoo	Various	2020	2024	70,369	5,414	32,086
Taronga Western Plains Zoo Platypus Visitor and Education Facility	Dubbo	2020	2023	8,800	401	7,970
Taronga Zoo Commercial Buildings and Infrastructure Upgrade	Mosman	2019	2031	68,338	6,625	1,893
Visitor Experience - Taronga Western Plains Zoo	Dubbo	2014	2025	48,402	31,764	2,596
Visitor Experience - Taronga Zoo	Mosman	2014	2025	117,761	63,648	15,392
Total, Works in Progress						59,937

Total, Major Works						82,737
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Total, Minor Works						2,500
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Total, Zoological Parks Board of New South Wales						85,237
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Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Essential Energy

Major Works

Works in Progress

Casino to Urbenville Subtransmission Line	Boomi Creek	2018	2022	3,605	3,583	22
Cybersecurity	Port Macquarie	2019	2024	25,300	5,359	10,291
Electronic Key Access System - Depots	Various	2021	2030	2,503	2,162	37
Enterprise Asset Management	Port Macquarie	2020	2024	50,129	4,564	13,142
Enterprise Resource Planning	Port Macquarie	2019	2024	53,737	32,336	12,570
Menindee to Sunset Strip Small Pipeline and Pumping Station	Menindee	2019	2022	1,840	945	895
Overhead Mains Replacement Southern Region	Various	2017	2024	43,443	27,843	6,000
PowerOn Systems Upgrade	Various	2019	2022	10,003	9,104	899
Stephens Creek Reservoir Pipeline	Broken Hill	2019	2023	7,850	5,050	2,800
Tharbogang to Nericon Subtransmission Line	Tharbogang	2018	2023	1,939	39	200
Waste Water Treatment Plant Replacement	Broken Hill	2018	2024	23,130	230	900
Water Treatment Plant Works	Broken Hill	2018	2023	2,448	200	1,350
Total, Works in Progress						49,106
Total, Major Works						49,106
Total, Minor Works						548,544
Total, Essential Energy						597,650