

Web Tables E.1: Top 30 sustainment products by expenditure 2023–24

Domain/ Product Name	Product Environment/ Number	Budget Estimate 2023-24 ¹ \$m	Revised Estimate 2023-24 ² \$m	Actual expenditure 2023-24 \$m	Variation \$m	Product update and explanation of variation 2023-24
			(a)	(b)	(b-a)	
Air Domain						
F/A18F Super Hornet & Growler Weapon System	CAF21	534	548	538	-10	<p>The Air Combat and Airborne Electronic Attack capability comprises a fleet of 24 F/A-18F Super Hornet and 12 EA-18G Growler aircraft, with associated support elements operating from RAAF Base Amberley in Queensland. The F/A-18F Super Hornet delivers Air Combat capability. The EA-18G Growler is an electronic attack aircraft capable of disrupting, deceiving or denying a broad range of military electronic systems, including radars and communications. Both capabilities are operated by Number 82 Wing from RAAF Base Amberley in Queensland.</p> <p>During 2023-24, Defence procured one additional Growler (under AIR5349 Phase 3), restoring the fleet to 12, following the loss of one aircraft in 2018. F/A-18F and EA-18G aircraft underwent planned capability upgrades, as a part of the United States Navy managed Spiral Upgrade Program to ensure the platform's ongoing lethality and survivability in a contested air combat environment, and to maintain configuration alignment with United States Navy.</p>
F-35 Joint Strike Fighter	CAF30	484	500	495	-5	<p>The F-35A Lightning II capability currently comprises 62 aircraft based at RAAF Base Williamtown in New South Wales and RAAF Base Tindal in the Northern Territory. The aircraft and associated support elements provide Australia with a fifth-generation Air Combat capability. In-service sustainment is delivered through the Joint Strike Fighter Cooperative Program and sovereign contracts with Australian Industry.</p> <p>During 2023-24, Defence continued to mature the F-35A sustainment support system to meet the directed level of operational capability and Air Force pilot training throughput requirements.</p> <p>The variation is due to delayed billing from the F-35 Joint Program office. This variation includes the \$10 million transfer from CAF21.</p>
Airborne Early Warning and Control System - AEWC	CAF20	279	284	286	2	<p>The Airborne Early Warning and Control capability comprises six E-7A Wedgetail aircraft and associated support elements operated from RAAF Base Williamtown in New South Wales. Sustainment is provided under a performance-based arrangement for maintenance, logistics, engineering, training and program management to support the capability.</p> <p>During 2023-24, the focus was on advancing multiple mission system obsolescence remediation activities, implementing safety and cybersecurity enhancements, and maximising aircraft fleet availability to support international partner training.</p> <p>The variation is primarily due to foreign exchange updates, increased sustainment and operational support costs.</p>

Domain/ Product Name	Product Environment/ Number	Budget Estimate 2023-24 ¹ \$m	Revised Estimate 2023-24 ² \$m	Actual expenditure 2023-24 \$m	Variation \$m	Product update and explanation of variation 2023-24
P-8A Poseidon Maritime Patrol and Response	CAF35	182	187	217	30	<p>The Maritime Patrol and Response capability currently comprises 12 P-8A Poseidon aircraft and support elements operated from RAAF Base Edinburgh, SA. The fleet will grow to 14 in 2024-25. Support elements include three Mobile Tactical Operation Centres including deployable flyaway kits, and various Training Support Systems including two Operational Flight Trainers and Weapons Tactics Trainers. The capability is supported via a cooperative program with the United States Navy and a Through Life Support contract for sustainment within Australia.</p> <p>During 2023-24 the focus remained on maturing sustainment relationships between the Through-Life Support contractor and the United States Navy P-8A Cooperative Program.</p> <p>The variance is due to the additional procurement of sonobuoys.</p>
KC-30A Weapon System Multi-role Tanker Transport	CAF22	171	176	177	1	<p>The Multi-Role Tanker Transport capability comprises seven KC-30A aircraft, a flight simulator and associated support elements, operated from RAAF Base Amberley, QLD. All seven aircraft are capable of air-to-air refuelling from pod and boom systems, and airlift logistics support. In 2019, the seventh aircraft was delivered with a government transport configuration. Support is provided through a performance based arrangement for maintenance, logistics, engineering, training and program management to support the capability.</p> <p>During 2023-24, the focus remained on the continued maturation of sustainment performance, supporting military operations, and the expansion of aircraft types certified as capable of air-to-air refuelling from the KC-30A Multi-Role Tanker Transport. Mid-life upgrade activities on the KC-30A fleet also progressed.</p>
C-17 Heavy Air Lift Weapons System	CAF19	169	174	165	-9	<p>The Heavy Airlift capability comprises eight C-17A Globemaster III aircraft, a flight simulator, and associated support elements operated from RAAF Base Amberley, QLD. The majority of sustainment support for aircraft and training systems is provided via United States Air Force Foreign Military Sales global support arrangements for the worldwide C-17A Globemaster fleet. These global sustainment arrangements are supplemented by a contract for support services within Australia.</p> <p>During 2023-24, a number of minor upgrades to the fleet continued to be undertaken to address obsolescence, rectify minor deficiencies, and maintain configuration alignment with the United States Air Force. The upgrades treated obsolescence of the heads up display and improved flight deck software.</p> <p>The variance is due to lower than planned Foreign Military Sales disbursements.</p>

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C130J-30 Weapon System	CAF06	141	144	137	-7	<p>The Medium Airlift capability consists of 12 C-130J Hercules aircraft, a flight simulator, and associated support elements operated from RAAF Base Richmond in New South Wales. The capability is supported by two performance-based contracts for deeper level maintenance, logistics and engineering support for the aircraft, and for support for the propulsion system.</p> <p>During 2023-24, the focus remained on managing component obsolescence and aging aircraft structural repairs, while concurrently delivering six further C-130J Block Upgrade enhancements. Propulsion and training system improvements included focus on improved service delivery and industry partner scheduling to manage cost and risk ahead of planned withdrawal.</p> <p>The variance is due to planned expenditures unable to be realised within 2023-24, such as for the return of aircraft held in deeper maintenance.</p>
Lead-In Fighter Hawk 127 Weapon System	CAF03	135	137	145	8	<p>The Lead-In Fighter Training capability comprises 33 Hawk 127 lead-in fighter aircraft and related support systems and is operated from RAAF Bases Williamtown in New South Wales and Pearce in Western Australia.</p> <p>During 2023-24, the focus was on generating required rates of availability to support Air Force requirements, while supporting the embodiment of new engines delivered by the Lead-In Fighter Capability Assurance project.</p> <p>The variance is due to activity carried from 2022-23.</p>
Pilot Training System	CAF37	123	129	128	-1	<p>The Pilot Training System comprises 49 Pilatus PC-21 aircraft, seven flight training devices, six cockpit procedural trainers, mission pre-briefing and debriefing systems, personal learning devices, learning environments and courseware. This capability provides an integrated pilot training system for ab-initio pilots and qualified flying instructors for Navy, Army and Air Force. Aircraft currently operate from RAAF Bases at East Sale in Victoria, Pearce in Western Australia, Edinburgh in South Australia and Williamtown in New South Wales.</p> <p>During 2023-24, the focus remained on executing initiatives to improve throughput of ab-initio students.</p>
MC-55A Peregrine Airborne ISREW Capability	CAF40	115	88	93	6	<p>The MC-55A Peregrine Airborne Intelligence Surveillance, Reconnaissance and Electronic Warfare Capability comprises four MC-55 Peregrine aircraft and related support systems.</p> <p>During 2023-24, the focus remained on the development of platform support arrangements.</p> <p>The variation is primarily due to additional Foreign Military Sales disbursements.</p>

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Wide Area Surveillance (OTHR)	CAF13	111	100	98	-2	<p>The Wide Area Surveillance Capability is delivered through the High Frequency Radar system known as the Jindalee Operational Radar Network (JORN). JORN comprises three Over-The-Horizon-Radars located in proximity to Longreach in Queensland, Laverton in Western Australia and Alice Springs in the Northern Territory.</p> <p>During 2023-24, the focus in sustainment remained on obsolescence management, capability preparedness and system availability.</p> <p>The variance is primarily due to the net impact of delays in minor facilities works.</p>
Special Purpose Aircraft	CAF09	96	108	89	-19	<p>Sustainment of the Special Purpose Aircraft is provided at Defence Establishment Fairbairn in the Australian Capital Territory, through an Australian support contract.</p> <p>During 2023-24, focus remained on disposal of two Boeing Business Jet 737-700 aircraft and introduction into service of two BBJ 737 MAX 8 aircraft.</p> <p>The variance is due to the delayed procurement of spares to support the introduction into service of the aircraft.</p>
Defence Enterprise Programs						
Explosive Ordnance Manufacturing Facilities	CJC01	100	134	125	-9	<p>Government Owned Contractor Operated (GOCO) Explosive Ordnance Manufacturing Facilities product ensures operations at the munitions factories at Benalla and Mulwala are safe, compliant, and sustainable. The product provides stock surety by maintaining ongoing manufacturing operations with a large professional workforce, facilities and supply chain management. Together these deliver specified ADF domestic munitions, as well as additional surge capacity for munitions manufacture.</p> <p>During 2023-24, the product has continued to deliver key sustainment activities, while expanding targeted domestic munitions manufacturing.</p> <p>The variation was due to additional funds being allocated to support ongoing sustainment and uplift of minor facilities works projects.</p>
Land Domain						
Multi Role Helicopter - TLH MRH90	CA48	285	183	163	-20	<p>In September 2023, the Government announced that the Multi-Role Helicopter (MRH) fleet would not return to flying operations. The sustainment contract expired 31 December 2023.</p> <p>On 16 December 2023, Defence and North Atlantic Treaty Organisation (NATO) Helicopter Industries entered into a formal arrangement for the continued disassembly of MRH90 aircraft and sale of a significant number of spare parts. In parallel, the Commonwealth sold and transferred parts and components to New Zealand. Disposal activities are expected to be finalised by the close of 2024.</p> <p>The variance is due to closure of the aircraft contract, delays in disposal of aircraft.</p>

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Explosive Ordnance - Army Munitions Branch	CA59	271	242	202	-39	<p>The Army Munitions and Guided Weapons product supports Army's explosive ordnance inventory. The inventory consists of small arms ammunition; pyrotechnics; mortar and artillery ammunition; special purpose ammunition; demolition stores; vehicle ammunition; direct fire; and Army guided weapons. Guided weapons are the Javelin anti-tank missile; RBS 70 Bolide Missile anti-aircraft missile; and the AGM114 Air to Ground missile.</p> <p>CA59 also includes sustainment of inventory used by Navy and Air Force, where Army is the lead Service.</p> <p>During 2023-24, the product has continued to enhance land explosive ordnance inventory with the refinement of through-life management plans and transitioning to in-service support of new capabilities procured by major projects.</p> <p>The variation is primarily due to delivery delays of munitions and contracting delays in munitions logistics movements.</p>
Armed Reconnaissance Helicopter Weapons System	CA12	161	191	155	-35	<p>The Armed Reconnaissance Helicopter fleet (ARH) Tiger continues to experience issues with availability and supportability. The reliability and serviceability across Australia's ARH Tiger fleet remains under pressure.</p> <p>During 2023-24, Defence implemented a fleet stabilisation plan, which is providing some relief to the supply chain. It involves removing aircraft from the operational fleet in order to harvest critical parts. Defence intends to operate ARH Tiger through to the end of 2026, with a planned staged drawdown commencing in 2025.</p> <p>The variance is due to lower than budgeted Rate of Effort achievement, delays in deliverables and ARH Fleet Stabilisation. This involves the removal of operational aircraft from the aircraft fleet to support a revised Rate of Effort requirement and to address ongoing parts supply issues.</p>
Battlespace Communication Systems	CA31	118	142	137	-6	<p>Battlespace Communication Systems comprise a range of deployable voice and data communications systems for command and control.</p> <p>During 2023-24, key activities included capability enhancements to the trunk system, as the backbone of a deployed network, acquisition of a new mobile retransmission system, reduction and disposal of obsolete radio systems, and support for design, acquisition and sustainment.</p> <p>The variation is due to lower than planned Foreign Military Sales disbursements and a reduction in costs in one of the support contracts.</p>

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Protected Mobility Fleet - Bushranger	CA04	115	125	126	1	<p>This product provides in-service support for the Bushmaster and Hawkei Protected Mobility Vehicles. Support is provided by regional Joint Logistics Units and the vehicle manufacturer, Thales Australia. Contractor deliverables include engineering support, provision of spares, and heavy-grade repair.</p> <p>During 2023-24, Bushmaster sustainment continued and the Hawkei support system was matured in preparation for the rollout of the capability. The fleet also supported the foreign gifting and sale of Bushmaster vehicles in accordance with Government direction.</p> <p>The variation is due to the earlier than scheduled procurement of spares to compensate for increasing supply-chain lead times, and to build the inventory of Hawkei spares to support the rollout of the capability in 2024-25.</p>
ADO Commercial Vehicles Fleet	CA19	96	72	87	15	<p>Defence's commercial vehicle fleet comprises approximately 6,000 vehicles and trailers. The fleet ranges from passenger sedans through to heavy rigid trucks, touring coaches and aviation refuelling vehicles. SG Fleet provide fleet management services as part of a whole of Australian Government Fleet Services contract.</p> <p>During 2023-24, the passenger and light-medium commercial fleet was replaced as part of a rolling vehicle replacement program. The fleet continued the procurement of low emission vehicles to support the Government's target of reducing Australia's carbon emissions.</p> <p>The variance is due to the earlier procurement of new vehicles to alleviate cost pressures for 2024-25.</p>
Maritime Domain						
Collins Class Submarine	CN10	717	742	801	59	<p>The Collins class submarine product comprises support arrangements to safely maintain the materiel capability of six Collins class submarines and the present submarine escape and rescue capability. This work is conducted under enterprise arrangements with industry and through key contracts with ASC Pty Ltd, Raytheon Australia, Thales Australia, BAE Systems Australia, PMB Defence, James Fisher Defence and other providers.</p> <p>During 2023-24, the product focussed on achieving international benchmark availability of the Collins class and recovering the maintenance program to pre-COVID standard.</p> <p>Variation to the 2023-24 estimate was required to de-risk future Collins activities and pressure.</p>

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Anzac Class Frigate	CN02	375	392	405	12	<p>The Anzac-class frigate product comprises support arrangements to maintain the capability of the Anzac-class frigates and support systems through the provision of materiel support, maintenance and engineering services.</p> <p>During 2023-24, the focus was on completing the scheduled Anzac class maintenance activities, and continuing the Anzac Midlife Capability Assurance Program also continued over this period.</p> <p>This program progressed upgrades to maritime communications under SEA 1442 Phase 4, and Air Search Radar Replacement under SEA 1448 Phase 4B. There was also a number of activities undertaken in line with the Government response to the Independent Analysis of Navy's Surface Combatant Review, including withdrawal from service of HMAS <i>Anzac</i>.</p> <p>The variation was primarily due to additional expenditure approved by Navy to support the high level of maintenance activity across the fleet at the end of the period.</p>
Hobart Class Destroyer	CN40	249	239	242	4	<p>The Hobart class destroyer product comprises support arrangements to maintain the capability of three Hobart class destroyers through the provision of materiel support and ongoing maintenance of the ships and associated equipment, systems and operator training facilities.</p> <p>During 2023-24, the scheduled Hobart class maintenance activities were completed to ensure Navy's requirements were achieved while examining opportunities for continual improvement and efficiency. Preparations increased to support the intended Aegis Upgrade Program (SEA 4000 Phase 6), and integration of the Tomahawk cruise missile into the class.</p> <p>The variation was primarily due to increased engineering change activities for HMAS Brisbane.</p>
MH-60R Seahawk Romeo Helicopter	CN35	195	190	174	-16	<p>The MH-60R Seahawk 'Romeo' capability is operated from HMAS Albatross in Nowra NSW, supporting eight embarked flights in Navy ships. In-service support is led through a United States Government Foreign Military Sales case.</p> <p>During 2023-24, the focus was on the extension of current sustainment arrangements, inclusive of expansion in capacity to support the additional helicopters delivered under the Improved Embarked Logistics Support Helicopter project (SEA9100 Phase 1).</p> <p>The variance is due to lower than expected Foreign Military Sales expenditure on repairable items activities.</p>

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Canberra Class Amphibious Ship	CN34	173	187	177	-10	<p>The Canberra-class Landing Helicopter Dock products support comprises arrangements to maintain the capability of the two Canberra-class Landing Helicopter Docks and 12 Landing Helicopter Docks landing craft, through the provision of materiel support and ongoing maintenance of the ships and associated equipment, systems and operator training facilities.</p> <p>During 2023-24, the focus was on delivering the scheduled maintenance activities, preparing for transition of in-service support arrangements, and progression of design activities for the Canberra class capability assurance program (SEA 2048 Phase 6).</p> <p>The variation was primarily due to reductions in product expenditure approved by Navy and delays associated with engineering design changes and inventory delivery.</p>
Anzac Class Frigate Capability Assurance Program	CN65	133	172	146	-26	<p>The scope of the Anzac-class frigate Capability Assurance Program (CAP) was to conduct power, weight and space margin remediation activities to support revised Anzac class Planned Withdrawal Dates.</p> <p>During 2023-24, in line with the Government response to the Independent Analysis of Navy's Surface Combatant Review, the Program was cancelled - any activities envisaged under the Program that are still required will move to become part of ongoing sustainment activities for the class.</p> <p>The variation was due to the cancellation of the Program and the associated reduction in work effort and inventory requirements to support the planned activities.</p>
Navy Explosive Ordnance	CN54	119	123	172	48	<p>The Navy Explosive Ordnance product supports Navy's guided weapons and explosive ordnance. This includes precision guided munitions, countermeasures, navigational outfits and Naval gunnery. Navy's guided weapons are categorised into three main streams: maritime strike and munitions, undersea weapons, and air and missile defence.</p> <p>During 2023-24, the product has continued to maintain existing inventories at funded readiness levels, incorporated new products into existing support systems, and prepared support systems to meet future inventory demand.</p> <p>The variation was predominantly due to earlier than planned receipt of Mk48 heavyweight torpedo components, consumables and technical services.</p>
Aegis Combat System	CN60	114	117	89	-27	<p>The CN60 Product Schedule supports the sustainment of the Aegis Combat System in the Hobart-class destroyer, and its supporting test and training infrastructure in Australia and the United States.</p> <p>During 2023-24 the product focused on improved Australian Industry and Supply Chain resilience, and the delivery of immediate enhancements to the lethality of Navy's surface combatant fleet through updates to the Aegis combat system software and hardware.</p> <p>The 2023-24 variation evolved from lower than anticipated Foreign Military Sales (FMS) case disbursements, Australian Industry delivering cost savings realised through product efficiencies, as well as, reduced demand for inventory repair and replacement activities.</p>

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Armidale Class Patrol Boat	CN09	107	104	102	-2	The scope of the patrol boat capability consists of two leased Cape-class, three Armidale-class and seven SEA1445 Cape-class supported by contracted in service arrangements for material support, maintenance and engineering. The variation was due to a reduction in forecasted Direct Variable Costs relating to a maintenance period.
Maritime Electronic Warfare and Radar Systems	CN24	96	112	148	36	Maritime Electromagnetic Warfare and Radar Systems support provides development, sustainment and disposal of current and future electromagnetic warfare and intelligence systems, enabling battlespace awareness and manoeuvre within the electromagnetic spectrum in support of maritime deployments and operations. During 2023-24, the product continued to provide fleet wide support and sustainment of electromagnetic warfare and intelligence systems. The variance is due to approved expenditure to relieve financial pressure in 2024-25 and the approved procurement of critical spares for the Navy platforms supporting operations.
Total - Top 30 Products		5,964	6,042	6,019	-23	
Other Sustainment Product Estimates		4,108	3,650	3,396	-254	
Total Sustainment Product Funds Available		10,072	9,692	9,415	-277	
Support to Operations		67	103	75	-29	
Total Sustainment and Operations Funding		10,139	9,795	9,490	-306	

Notes:

1. The budget estimate for 2023-24 was published in the Portfolio Budget
2. The revised estimate for 2023-24 was published in the Portfolio Additional
3. In the 2023-24 PBS and PAES, the Sustainment Product 'CN 62 - Collins Life of Type Extension' was also disclosed. During 2023-24 the Product was wound up and transferred to Acquisition project SEA1450PH1. Accordingly this product has no expenditure and has been removed from the table.
4. Totals in the columns may not total due to rounding.

Web Table D.2: Top 30 Acquisition Projects by Expenditure 2023–24

Domain/Project Name	Project Number/Phase	Project Inputs to Capability	Approved Project Expenditure	Cumulative Expenditure to 30 June 2023	Budget Estimate 2023-24 ¹	Revised Estimate 2023-24 ²	Final Plan 2023-24 ³	Actual Expenditure 2023-24 ⁴	Variation 2023-24 ⁵	Project update and explanation of variation 2023-24
		\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	
Air Domain										
New Air Combat Capability	AIR 6000 Phase 2A/B	Military Equipment Acquisition	16,589	11,833	870	564	567	578	11	This project is approved to acquire 72 F-35A Lightning II (Joint Strike Fighter) aircraft and supporting elements to form four squadrons – three squadrons for operations and one squadron for training. The prime contractor, Lockheed Martin, is contracted to the United States Government to develop and produce F-35A aircraft. Australia is procuring the aircraft through a cooperative partnership. During 2023-24, the project progressed activities to deliver the remaining 9 of 72 aircraft and continued delivery of spares and support equipment. The variation is due to the majority of air vehicle and some support equipment costs being realised in the current financial year.
		Other Project Inputs to Capability	1,728	1,539	0	1	1	2	1	
Multi-mission Unmanned Aircraft System	AIR 7000 Phase 1B	Military Equipment Acquisition	2,448	926	315	329	321	259	(62)	This project is approved to acquire the MQ-4C Triton Remotely Piloted Aircraft System for maritime patrol and other intelligence, surveillance and reconnaissance roles. The aircraft and systems are being procured through a cooperative program with the United States Navy. The approved scope includes the first three aircraft, associated operations and training systems and facilities, and integration into Defence networks. A fourth aircraft was approved in April 2023. During 2023-24, project activities continued with the arrival of the first aircraft in June 2024 and the installation of support systems. The variation is primarily due to delays from several contractors under the Cooperative Program with the United States Navy and lower than forecast Interim Sustainment Support Contract expenditure.
		Other Project Inputs to Capability	647	109	182	114	127	135	8	
Ground Based Air & Missile Defence Enhancement	LAND 19 Phase 7B	Military Equipment Acquisition	1,241	822	190	226	209	201	(8)	This project will deliver Army's new Short Range Ground Based Air Defence system. This is an enhanced version of the Raytheon/Kongsberg National Advanced Surface to Air Missile System, which incorporates guided missiles and missile launchers, command and control shelters, electro-optical sensors and radars mounted on current Army vehicles. Australian-developed radars from CEA Technologies will be provided as Government furnished equipment to replace the United States-developed Sentinel radar in the system. During 2023-24, the project continued progressing integration, testing, operator training, and the manufacture and delivery of equipment. The variation is predominantly due to lower than forecast Foreign Military Sales disbursements.
		Other Project Inputs to Capability	286	23	157	85	104	107	4	
Enhanced Maritime Strike for Air Combat Capability	AIR 3023 Phase 1	Military Equipment Acquisition	1,096	255	333	386	153	101	(53)	The project will deliver an advanced Maritime Strike capability for the RAAF under a US Navy Foreign Military Sales case. During 2023-24, the project has continued to progress acquisition activities for the Long Range Anti-Ship Missile and enabling systems for deliveries in 2024-25. The variation is primarily due to the realignment of the delivery schedule for US Foreign Military Sales activities related to aircraft integration, mission planning, targeting and testing.
		Other Project Inputs to Capability	5	4	3	0	0	0	(0)	
Long Range ISREW Aircraft	AIR 555 Phase 1	Military Equipment Acquisition	2,395	1,691	175	178	181	144	(37)	The project is delivering a first-of-type airborne intelligence, surveillance and reconnaissance capability comprising four MC-55A Peregrine aircraft, associated mission, ground and support systems, and Australian-based facilities. The project is primarily a developmental Foreign Military Sales acquisition through the United States Air Force. During 2023-24, the project delivered the main Squadron and simulator facilities at RAAF Base Edinburgh, SA. The variation is primarily due to lower than forecast Foreign Military Sales disbursements.
		Other Project Inputs to Capability	498	306	116	90	96	101	4	
Advanced Growler Development	AIR 5349 Phase 6	Military Equipment Acquisition	3,222	482	206	244	303	271	(31)	The Advanced Growler project is a long-term developmental project, driven by the requirement to keep the Australian Growler Airborne Electronic Attack Capability common and fully interoperable with the United States Navy. Key elements of the project include cooperative development of the Next Generation Jammer weapon system, introduction of the Advanced Anti-Radiation Guided Missile – Extended Range, and upgrades to Defence Electronic Warfare Ranges training capability. During 2023-24, the project continued to develop and produce Next Generation Jammer capabilities through a cooperative program with the United States Navy, and progress Electronic Warfare Range design activities with industry stakeholders. The variation is due to the deferral of payment for Next Generation Jammer – Mid-Band development costs to 2024-25.
		Other Project Inputs to Capability	329	25	54	36	25	26	1	
Multi Domain Joint Strike - Air Launch	AIR 6004 Phase 2	Military Equipment Acquisition	578	11	180	89	57	28	(30)	The project will deliver a Joint Air-to-Surface Standoff Missile capability for the RAAF under a US Air Force Foreign Military Sales case. During 2023-24, the project has continued to progress acquisition activities for the Joint Air to Surface Standoff Missile – Extended Range and integration onto the F/A-18F Super Hornet. The variation is primarily due to the realignment of the delivery schedule for Foreign Military Sales activities related to aircraft integration, including Test and Evaluation, and revised financial forecasts for the delivery of weapons.
		Other Project Inputs to Capability	0	0	-	-	-	-	-	
Weapons & Countermeasures for Air Combat Capability	AIR 6000 Phase 3	Military Equipment Acquisition	831	211	172	114	65	155	91	The project will acquire reserve stocks of bombs and munitions through Foreign Military Sales and Direct Commercial Sales for the RAAF Air Combat Capability (F-35A and F/A-18F). During 2023-24, the project has continued to accept deliveries for Small Diameter Bomb I and II, 500lb and 2000lb guided bombs and countermeasures. The variation is primarily due to the accelerated procurement of advanced JDAM tail kits (SABR-M) and earlier than forecast SDBII Foreign Military Sales deliveries.
		Other Project Inputs to Capability	0	0	-	-	-	0	0	
Lead-In Fighter Capability Assurance	AIR 5438 Phase 2	Military Equipment Acquisition	542	166	159	121	141	150	9	The Lead-In Fighter Capability Assurance project is upgrading the Hawk 127 Lead-In Fighter Training System and replacing the aircraft engines, ensuring the training system is safe and fit-for-purpose through to the revised Hawk 127 planned withdrawal date of 2022. During 2023-24, the engine flight test program was conducted and fleet engine embodiment commenced. The variation is due to additional engine assembly built payments.
		Other Project Inputs to Capability	-	-	-	-	-	-	-	
MQ-28A Ghost Bat	DEF 6014 Phase 2	Military Equipment Acquisition	846	218	145	359	281	257	(24)	The project is developing the MQ-28A Ghost Bat in partnership with Boeing Defence Australia. The project will deliver a capability demonstration and three Block 2 aircraft in 2025. During 2023-24, the project continued to develop and assess the MQ-28A through testing in both live and digital environments, including ongoing engagement with the United States under the Combat Collaborative Aircraft Project Arrangement. The variation is primarily due to delayed procurement of materials for Block 2 production aircraft.
		Other Project Inputs to Capability	12	0	0	5	1	1	(0)	
P-8A Maritime Patrol & Response Aircraft System	AIR 7000 Phase 2	Military Equipment Acquisition	5,681	4,591	118	93	93	110	17	The project is approved to acquire 14 P-8A Poseidon aircraft and supporting elements for maritime patrol and other intelligence, surveillance and reconnaissance roles. The aircraft and systems are being procured through a cooperative program with the United States Navy. This includes a suite of aircrew and maintenance training systems, three Mobile Tactical Operations Centres, and logistics support elements. During 2023-24, the project continued to progress updates across the Australian fleet to align the aircraft and training system configurations with the latest P-8A capability baseline. The variation is due to earlier than expected aircraft spare parts and training systems related expenditure through the Co-operative program with the United States Navy.
		Other Project Inputs to Capability	943	813	27	16	7	10	3	

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Domain/Project Name	Project Number/Phase	Project Inputs to Capability	Approved Project Expenditure		Cumulative Expenditure to 30 June 2023		Budget Estimate 2023-24 ¹	Revised Estimate 2023-24 ²	Final Plan 2023-24 ³	Actual Expenditure 2023-24 ⁴	Variation 2023-24 ⁵	Project update and explanation of variation 2023-24
			\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	
Growler Airborne Electronic Attack Capability	AIR 5349 Phase 3	Military Equipment Acquisition	3,526	2,903	135	98	75	52	(22)	The Growler Airborne Electronic Attack Capability project will acquire 12 EA-18G Growler aircraft, ALQ-99 Tactical Jamming Systems, associated weapons, support and training systems to establish an airborne electronic attack capability for Defence. During 2023-24, the project finalised initial weapons integration activities for the EA-18G Growler capability, continued establishment of the Mobile Threat Training Emitter System, and received further deliveries for the Airborne Electronic Attack Systems. The variation is due to lower than anticipated Foreign Military Sales disbursements for the procurement of Airborne Electronic Attack Systems spares and sovereign maintenance capability.		
		Other Project Inputs to Capability	472	472	-	-	0	0	0			
Air to Air Weapons for Joint Strike Fighter	AIR 6000 Phase 5	Military Equipment Acquisition	921	387	135	100	84	51	(33)	The project will acquire the war stock and training reserve of air-to-air missiles for the RAAF Air Combat Capability and, in the process, remediate and replace the legacy air-to-air missile reserve currently used by the air combat fleet. During 2023-24, the project has continued to progress acquisition activities and accept deliveries for AIM-9X Sidewinder and AIM-120D Advanced Medium Range Air to Air Missiles. The variation is primarily due to lower than forecast US Foreign Military Sales disbursements due to the re-phasing of AIM-120D deliveries.		
		Other Project Inputs to Capability	-	-	-	-	-	-	-			
Information and Cyber												
Enhanced HF Communications Re-Modernisation Program	JNT 9101 Phase 1	Military Equipment Acquisition	842	182	178	181	172	145	(28)	This project will enhance the Defence High Frequency Communications System. This involves facilities upgrades at 10 sites across Australia, replacing mission system equipment and introducing enhanced technology into the system. The enhanced capability will provide greater communications capacity and faster speeds, and improved interoperability between Defence and its partners. During 2023-24, the project commenced the enhancement of the Defence High Frequency Communications System at Townsville, QLD and Roverina, NSW. The project has progressed with the design of the enhanced High Frequency Communications System and engaged with our coalition partners to ensure interoperability. The project also successfully transitioned the in-service support contract for the Defence High Frequency Communications Systems to the new prime contractor. The variation is due to delays to the delivery of the Preliminary Design Review and to the construction of facilities.		
		Other Project Inputs to Capability	411	27	106	26	26	6	(20)			
Joint Data Networks	JNT 9347 Phase 1	Military Equipment Acquisition	575	103	131	116	102	70	(32)	This project will expand and modernise Defence's Joint Data Networks to enhance command and control through the timely distribution and management of tactical and intelligence data between aircraft, ships, vehicles and ground nodes. During 2023-24, the project focused on delivering key tactical data link equipment and radios, supported integration on Defence platforms, and continued progressing design and development for future Joint Data Network Systems. The variation is due to lower than forecast Foreign Military Sales disbursements and delays to contract milestones, integration activities and facilities upgrade funding.		
		Other Project Inputs to Capability	139	75	16	21	13	11	(2)			
Land Domain												
Main Battle Tank Upgrade, Combat Engineering Vehicles	LAND 907 Phase 2	Military Equipment Acquisition	2,360	152	971	629	580	630	50	The project will deliver 75 M1A2 Abrams Main Battle Tanks to replace the in-service M1A1 variant, 52 Combat Engineering Vehicles, and associated materiel and initial support. The vehicles will be acquired through the United States Government Foreign Military Sales program. During 2023-24, the Main Battle Tanks and Combat Engineering Vehicles commenced full rate production. The project continued to undertake detailed preparation for the delivery of the vehicles in partnership with the United States Government. This included planning for introduction into service and enduring support of the capabilities, and establishment of contracts with Australian industry for training systems and engineering / logistics support. The variation is primarily due to early Foreign Military Sales disbursements for the Main Battle Tank, Assault Breaching Vehicle and Joint Assault Bridge cases.		
		Other Project Inputs to Capability	36	11	5	5	4	4	0			
Mounted Combat Reconnaissance Capability	LAND 400 Phase 2	Military Equipment Acquisition	5,775	2,421	812	612	493	369	(124)	The project will deliver 211 Boer 5x8 Combat Reconnaissance Vehicles for Reconnaissance, Joint Fires and Surveillance, Multi-Purpose, Command, Repair and Recovery roles. An additional 12 Mission Modules will be delivered, providing the Army the ability to rapidly re-role from one variant to another. The vehicles will replace the ADP's current combat reconnaissance vehicle capability, the Australian Light Armoured Vehicle. The primary role of the vehicles will be to perform ground-based reconnaissance and counter-reconnaissance activities. During 2023-24, the project focused on the progression of the designs of the Block II variants with production activities for the reconnaissance variant continuing in parallel. The project commenced delivery of the Block II vehicles. The variation is primarily due to the rescheduling of contract milestones and deliveries.		
		Other Project Inputs to Capability	128	47	13	13	12	12	0			
MRH Rapid Replacement	LAND 4507 Phase 1	Military Equipment Acquisition	3,492	175	642	366	347	288	(59)	The Multi-Role Helicopter (MRH) Rapid Replacement project will acquire 40 UH-60M Black Hawks via the United States Government Foreign Military Sales program as a proven and mature utility helicopter to replace the current MRH50 Taipan. During 2023-24, the project was focused on delivery, acceptance and flight operation of the first six UH-60M aircraft through a Foreign Military Sales arrangement with the United States Government. The project also delivered spares and support equipment, and conducted test and evaluation activities. The variation is primarily due to a net underspend on the UH-60M Black Hawk acquisition Foreign Military Sales case. Key drivers for this variance were minor delays to the production milestone achievement for aircraft 010 and 011 and costs not yet incurred for engines due to the United States Army's 'borrow and payback' arrangements.		
		Other Project Inputs to Capability	379	8	34	30	17	13	(4)			
Armed Reconnaissance Helicopter (ARH) Replacement	LAND 4503 Phase 1	Military Equipment Acquisition	4,560	94	285	114	160	254	94	The Armed Reconnaissance Helicopter (ARH) Replacement project will acquire 29 AH-64E Apache aircraft as a proven and mature helicopter to replace the current Tiger helicopter capability. During 2023-24, the project was focused on pursuing initial provisioning through the Foreign Military Sales arrangements with the United States Army and developing AH-64E Apache sustainment arrangements. The variation is primarily due to higher than anticipated Foreign Military Sales disbursements.		
		Other Project Inputs to Capability	584	9	21	12	9	8	(2)			
Protected Mobile Fires	LAND 8116 Phase 1	Military Equipment Acquisition	1,329	438	228	249	247	256	10	The Protected Mobile Fires project will deliver 30 Self-Propelled Howitzers (SPH) and 15 Armoured Ammunition Resupply Vehicles (AARV). During 2023-24, the project concluded major design work and commenced and completed manufacture of Batch 1 vehicles, consisting of 2 x SPH and 1 x AARV. Construction of Batch 2 hulls and turrets by Elphinstone in Wymyard also commenced on schedule, as did the Republic of Korea Verification and Validation Program. The variation is due to earlier than forecast completion of contract milestones, early achievement of Foreign Military Sales case disbursements, and price escalation costs.		
		Other Project Inputs to Capability	42	5	10	13	7	1	(5)			
Special Operations Capability Enhancement	LAND 1508 Phase 1	Military Equipment Acquisition	338	162	74	33	26	23	(2)	This project will provide Special Operations with leading edge capability including body armour, weapons, diving, parachuting, roping and climbing systems, medical and search and rescue, communications, human performance training and support. During 2023-24, the project will continue to deliver the first tranche of capabilities and continue planning and delivery of the second tranche of capabilities. The variation is primarily due to the timing of Foreign Military Sales disbursements.		
		Other Project Inputs to Capability	565	60	91	45	32	30	(2)			
ADP Small Arms Replacement	LAND 159 Phase 1	Military Equipment Acquisition	506	51	140	145	112	126	15	This project will replace and upgrade weapons systems ranging from fighting knives, pistols, rifles and machine guns to Anti-Tank Guided Missile systems. During 2023-24, the project undertook activities to prepare for delivery of a first tranche and develop options for a second tranche. The variation is due to earlier than forecast delivery of the Personal Defence Weapon System and Long Range Sniper Capability System.		
		Other Project Inputs to Capability	32	15	22	9	9	5	(4)			

Web Table D.2: Top 30 Acquisition Projects by Expenditure 2023–24

Domain/Project Name	Project Number/Phase	Project Inputs to Capability	Approved Project Expenditure		Cumulative Expenditure to 30 June 2023		Budget Estimate 2023-24 ¹	Revised Estimate 2023-24 ²	Final Plan 2023-24 ³	Actual Expenditure 2023-24 ⁴	Variation 2023-24 ⁵	Project update and explanation of variation 2023-24
			\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	
Tactical Training Vehicles	LAND 121 Phase 5B	Military Equipment Acquisition Other Project Inputs to Capability	1,717 230	830 156	133 23	128 29	128 20	130 18	2 (2)	This project will complete the medium and heavy vehicle capability replacement program commenced under project LAND 121 Phase 3B. It will acquire an additional 1,044 medium and heavy vehicles (MHC), 872 modules and 812 trailers. During 2023-24, the project has continued to deliver production vehicles, modules, and trailers. The variation is primarily due to higher than planned escalation costs on several milestones within the Module Gun Stores/Ammunitions and Personal Restraint Module contracts.		
ADF Deployable Health	JNT 2060 Phase 3	Military Equipment Acquisition Other Project Inputs to Capability	407 12	145 7	152 3	104 2	104 1	115 1	11 (0)	This project will deliver a Deployable Health Capability for Army and Air Force that includes an integrated, modular and scalable system ranging from basic primary health care and first aid, through to hospital care, including acute treatment and intensive care. The project will facilitate the construction and use of the Deployable Health Capability Support Centre in Bundamba, QLD. During 2023-24, the project continued to finalise the design and delivery of the Deployable Health Capability Mission System. The Contract Materiel Release 1 milestone (Various Module Deliveries and associated training) was accepted by the Commonwealth. Operational Test and Evaluation was successfully conducted in October 2023. The project declared Initial Operational Capability in December 2023, with remediation activities completed in April 2024. The variation is due to earlier than forecast materiel delivery and acceptance, and payment of associated milestones.		
Tactical Unmanned Aerial Vehicles Upgrade	LAND 129 Phase 3	Military Equipment Acquisition Other Project Inputs to Capability	385 85	95 7	91 35	113 30	121 29	101 11	(20) (17)	This project will replace and enhance the existing Tactical Uncrewed Aerial System capability. During 2023-24, the project was focused on the delivery of UAS and other launch and recovery equipment. This also included the documentation, as well as operator and maintenance training required to achieve the capability's Initial Materiel Release and Initial Operational Capability. Additionally, the project has continued executing initial support contract arrangements in preparation for formal introduction into service. The variation is due to delayed delivery of contract milestones relating to the Uncrewed Aerial System and Protected Mobility Vehicles.		
Joint Counter Improvised Explosive Device	LAND 154 Phase 4	Military Equipment Acquisition Other Project Inputs to Capability	615 70	284 21	118 7	96 11	68 10	93 6	24 (4)	This project provides a Joint Counter Improvised Explosive Device Capability to protect against radio controlled improvised explosive devices, equipment for Explosive Ordnance Disposal teams and, search neutralisation and exploitation capabilities for the Australian Defence Force. During 2023-24, the project has continued delivering remote positioning vehicles, as well as progressing mounted and dismounted force protection equipment and detectors for route clearance. The variation is due to higher than forecast Foreign Military Sales expenditure.		
Maritime Domain												
Hunter Class Frigate - Design and Construction	SEA 5000 Phase 1	Military Equipment Acquisition Other Project Inputs to Capability	25,924 1,200	2,570 498	780 110	1,191 59	1,063 133	1,068 140	5 6	As a foundation project in the Government's Continuous Naval Shipbuilding Program, SEA5000 Phase 1 – Hunter Class Frigate Design and Construction (the project) will deliver six Hunter Class frigates optimised for anti-submarine warfare to maintain the Royal Australian Navy's (RAN) Tier 1 Surface Combatant capability. In February 2024, following the Independent Analysis of the Navy's Surface Combatant Fleet, the Government committed to the construction of six Hunter Class frigates of the same configuration in two batches of three. This is an update from the previous Government's commitment to build nine Hunter Class frigates in three batches of three. The Government has approved the construction for the first three frigates in 2024-25 and the project will return to Government for approval of the subsequent three frigates later in this decade. During 2023-24, the project continued to progress Design and Productionisation activities inclusive of prototyping and procurement of Long Lead Time Items (LLTI) for the first three ships, preparing the way for the commencement of construction in 2024-25. The 2023-24 variation is predominantly due to performance improvements in supply chain delivery in the later part of the financial year.		
Arafura Class Offshore Patrol Vessel	SEA 1180 Phase 1	Military Equipment Acquisition Other Project Inputs to Capability	3,705 984	1,337 338	414 220	419 166	289 179	218 156	(71) (24)	The project will acquire six new vessels based on an existing design, to replace and improve upon the capability delivered by the Armidale class patrol boats. The Arafura class offshore patrol vessels (OPV) primary role will be the maritime patrol and response operations in support of the National Civil Surveillance Program in order to contribute to protecting Australia's territory, territorial seas, and Economic Exclusion Zone. During 2023-24, the project continued to progress the build of six OPVs including launch of OPV 2 in November 2023. The variation is mainly due to delays to acceptance of OPVs 1 and 2, which were not achieved as expected in 2023-24.		
Navy Guided Weapons Sub-Program	SEA 1300 Phase 1	Military Equipment Acquisition Other Project Inputs to Capability	8,853 84	1,202 1	545 7	753 10	728 5	559 3	(169) (3)	The Navy Guided Weapons Sub-Program was established through the 2020 Force Structure Plan and introduce a programmatic approach in delivering Navy guided weapon capabilities. The programmatic approach will ensure alignment with the National Naval Shipbuilding Enterprise, the Guided Weapons and Explosive Ordnance Group and Navy's combat management systems. During 2023-24, the project has continued to progress development and acquisition activities related to long-range anti-ship missiles, extended range surface-to-air missiles, advanced lightweight torpedoes and advanced maritime land strike capabilities. The variation is primarily a result of lower US Foreign Military Sales case reimbursements due to the realignment of delivery schedules for some weapons.		
Hobart Class Destroyer - Aegis Capability Upgrade	SEA 4000 Phase 6	Military Equipment Acquisition Other Project Inputs to Capability	4,290 145	232 4	232 3	499 7	399 11	284 4	(115) (7)	This project will increase the ADF air and missile defence capability. The project will upgrade the three destroyers' Aegis combat system to Aegis Baseline 9 and replace the Kongsberg Australian Tactical Interface with a Saab Australia developed Australian Interface. This will reduce the risk of obsolescence and increase the range of missions that the Hobart class destroyers can conduct. The project will also facilitate interdependent projects to deliver selected capability insertions, to achieve Navy's surface combatant Minimum Viable Capability (MVC). During 2023-24, the project focused on completing the required artefacts and project plans to achieve 2nd pass approval in Jun 24, while in parallel progressing design and mobilisation activities for the Destroyer upgrade. The project also focused on engagement with interdependent projects and contract establishment for the selected capability insertions. The variation was primarily attributable to FMS underachievement (\$28m), shortfalls against Platform Installer, Naval Construction Branch and Australian Interface contracts (\$40m), and underperformance across contracts contributing to capability insertions for the Hobart Class Minimum Viable Capability (\$26m). Industry partners' resource constraints were also an attributable factor. The 23-24 underspend is inclusive of SEA4000 Phase 6 legacy activities which were incorporated into the SEA4000 Phase 6 project in the FY.		
Total Top 30 Projects (Gross Plan) - Total			115,629	39,546	10,323	9,488	8,546	7,901	(646)			
Total Top 30 Projects (Gross Plan) - Other Project Inputs to Capability			10,043	4,580	1,267	836	880	812	(68)			
Total Top 30 Projects (Gross Plan) - Military Equipment Acquisition			105,586	34,966	9,057	8,650	7,666	7,088	(578)			
Total Approved Project Gross Plans - Military Equipment Acquisition			100,216	35,276	3,848	6,207	5,821	5,573	(248)			
Total Approved Projects (Gross Plan) - Military Equipment Acquisition			205,802	70,242	12,905	14,857	13,487	12,661	(826)			

Notes:
1. The budget estimate 2023-24 was published in the Portfolio Budget Statements 2023-24.
2. The revised estimate 2023-24 was published in the Portfolio Additional Budget Statements 2023-24.
3. The final plan 2023-24 is the final approved annual budget for the project, inclusive of variations for foreign exchange movements and changes to materiel acquisition agreements.
4. Actual expenditure includes transactions in foreign currency applicable at the exchange rate at the time of the transaction. The budget estimate, revised estimate and final plan include foreign currency exposures converted using the budgeted exchange rates applicable to the respective budget update.
5. Variation is difference between actual expenditure 2023-24 and final plan 2023-24.

Web Table D.2: Top 30 Acquisition Projects by Expenditure 2023–24

Domain/Project Name	Project Number/Phase	Project Inputs to Capability	Approved Project Expenditure	Cumulative Expenditure to 30 June 2023	Budget Estimate 2023-24 ¹	Revised Estimate 2023-24 ²	Final Plan 2023-24 ³	Actual Expenditure 2023-24 ⁴	Variation 2023-24 ⁵	Project update and explanation of variation 2023-24
		\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	

⁶ Figures may not add due to rounding.

Web Table D.3: Top 30 Acquisition Projects Budget Status 2023-24

Domain/Project Name	Project Number/Phase	Project Inputs to Capability	Government Approvals at Second Pass ^{1,2}	Subsequent Government Approvals - Scope Scheduled ³	Subsequent Government Approvals - Scope Variation ⁴	Real Cost Variation ⁵	Transfer ⁶	Foreign Exchange Variation ⁷	Price Indexation ⁸	Total Approval
			\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Air Domain										
New Air Combat Capability	AIR 6000 Phase 2A/B	Military Equipment Acquisition	2,752	10,515	0	-3	-39	3,013	351	16,589
		Other Project Inputs to Capability	1,516	0	0	0	210	0	0	1,726
Multi-mission Unmanned Aircraft System	AIR 7000 Phase 1B	Military Equipment Acquisition	2,071	270	0	-4	14	96	0	2,448
		Other Project Inputs to Capability	489	0	0	143	15	0	0	647
Ground Based Air & Missile Defence Enhancement	LAND 19 Phase 7B	Military Equipment Acquisition	1,274	0	0	0	0	-33	0	1,241
		Other Project Inputs to Capability	287	0	0	0	0	0	0	286
Enhanced Maritime Strike for Air Combat Capability	AIR 3023 Phase 1	Military Equipment Acquisition	1,081	0	0	-10	16	9	0	1,096
		Other Project Inputs to Capability	28	0	-10	0	-13	0	0	5
Long Range ISREW Aircraft	AIR 555 Phase 1	Military Equipment Acquisition	2,166	0	0	-3	62	169	0	2,395
		Other Project Inputs to Capability	560	0	0	0	-61	0	0	498
Advanced Growler Development	AIR 5349 Phase 6	Military Equipment Acquisition	3,222	0	0	0	-73	73	0	3,222
		Other Project Inputs to Capability	255	0	0	0	76	-1	0	329
Multi Domain Joint Strike - Air Launch	AIR 6004 Phase 2	Military Equipment Acquisition	498	0	0	0	7	71	0	576
		Other Project Inputs to Capability	0	0	0	0	0	0	0	0
Weapons & Countermeasures for Air Combat Capability	AIR 6000 Phase 3	Military Equipment Acquisition	760	0	0	0	0	71	0	831
		Other Project Inputs to Capability	0	0	0	0	0	0	0	0
Lead-In Fighter Capability Assurance	AIR 5438 Phase 2	Military Equipment Acquisition	586	0	-64	0	0	20	0	542
		Other Project Inputs to Capability	0	0	0	0	0	0	0	0
MQ-28A Ghost Bat	DEF 6014 Phase 2	Military Equipment Acquisition	451	390	0	0	0	5	0	846
		Other Project Inputs to Capability	3	9	0	0	0	0	0	12
P-8A Maritime Patrol & Response Aircraft System	AIR 7000 Phase 2	Military Equipment Acquisition	3,578	1,720	-20	-145	-4	532	21	5,681
		Other Project Inputs to Capability	774	0	0	0	169	0	0	943
Growler Airborne Electronic Attack Capability	AIR 5349 Phase 3	Military Equipment Acquisition	1,155	1,789	0	-395	0	976	0	3,526
		Other Project Inputs to Capability	214	0	0	-14	272	0	0	472
Air to Air Weapons for Joint Strike Fighter	AIR 6000 Phase 5	Military Equipment Acquisition	893	0	0	0	0	28	0	921
		Other Project Inputs to Capability	0	0	0	0	0	0	0	0
Information and Cyber										
Enhanced HF Communications Re-Modemisation Program	JNT 9101 Phase 1	Military Equipment Acquisition	854	0	0	0	-11	-1	0	842
		Other Project Inputs to Capability	399	0	0	0	11	0	0	411
Joint Data Networks	JNT 9347 Phase 1	Military Equipment Acquisition	556	0	0	0	5	14	0	575
		Other Project Inputs to Capability	142	0	0	0	-6	3	0	139
Land Domain										
Main Battle Tank Upgrade, Combat Engineering Vehicles	LAND 907 Phase 2	Military Equipment Acquisition	2,066	0	0	0	0	294	0	2,360
		Other Project Inputs to Capability	40	0	0	0	-4	0	0	36
Mounted Combat Reconnaissance Capability	LAND 400 Phase 2	Military Equipment Acquisition	5,763	0	0	0	0	12	0	5,775
		Other Project Inputs to Capability	119	0	2	0	6	0	0	128
MRH Rapid Replacement	LAND 4507 Phase 1	Military Equipment Acquisition	3,355	0	0	0	3	134	0	3,492
		Other Project Inputs to Capability	356	0	0	0	21	2	0	379
Armed Reconnaissance Helicopter (ARH) Replacement	LAND 4503 Phase 1	Military Equipment Acquisition	3,875	0	0	0	0	685	0	4,560
		Other Project Inputs to Capability	584	0	0	0	0	0	0	584
Protected Mobile Fires	LAND 8116 Phase 1	Military Equipment Acquisition	1,288	0	0	0	0	41	0	1,329
		Other Project Inputs to Capability	42	0	0	0	0	0	0	42
Special Operations Capability Enhancement	LAND 1508 Phase 1	Military Equipment Acquisition	356	0	0	0	-22	4	0	338
		Other Project Inputs to Capability	547	0	0	-3	17	4	0	565
ADF Small Arms Replacement	LAND 159 Phase 1	Military Equipment Acquisition	454	0	0	0	31	22	0	506
		Other Project Inputs to Capability	63	0	0	0	-31	0	0	32
Tactical Training Vehicles	LAND 121 Phase 5B	Military Equipment Acquisition	1,170	0	0	0	569	-22	0	1,717
		Other Project Inputs to Capability	226	0	0	0	4	0	0	230
ADF Deployable Health	JNT 2060 Phase 3	Military Equipment Acquisition	406	0	0	0	0	1	0	407
		Other Project Inputs to Capability	11	0	0	0	1	0	0	12
Tactical Unmanned Aerial Vehicles Upgrade	LAND 129 Phase 3	Military Equipment Acquisition	362	0	0	0	8	15	0	385
		Other Project Inputs to Capability	77	0	0	0	8	0	0	85
Joint Counter Improvised Explosive Device	LAND 154 Phase 4	Military Equipment Acquisition	797	0	0	-181	-10	8	0	615
		Other Project Inputs to Capability	91	0	0	-31	10	0	0	70
Maritime Domain										
Hunter Class Frigate - Design and Construction	SEA 5000 Phase 1	Military Equipment Acquisition	6,184	19,681	0	0	-19	78	0	25,924
		Other Project Inputs to Capability	1,816	195	-922	-22	132	0	0	1,200
Arafura Class Offshore Patrol Vessel	SEA 1180 Phase 1	Military Equipment Acquisition	3,639	0	0	0	0	66	0	3,705
		Other Project Inputs to Capability	938	0	0	0	46	0	0	984
Navy Guided Weapons Sub-Program	SEA 1300 Phase 1	Military Equipment Acquisition	6,617	0	0	0	1,690	546	0	8,853
		Other Project Inputs to Capability	83	0	0	0	0	0	0	84
Hobart Class Destroyer - Aegis Capability Upgrade	SEA 4000 Phase 6	Military Equipment Acquisition	3,665	0	0	0	612	13	0	4,290
		Other Project Inputs to Capability	127	0	0	0	18	0	0	145
Total			71,680	34,570	(1,014)	(666)	3,738	6,949	372	115,629

Notes:

1. Government Approvals at Second Pass represents the initial and/or second pass approved budget amount for the project, loaded in the Defence Corporate Budget Management System.

Web Table D.3: Top 30 Acquisition Projects Budget Status 2023-24

Domain/Project Name	Project Number/Phase	Project Inputs to Capability	Government Approvals at Second Pass ^{1,2}	Subsequent Government Approvals - Scheduled ³	Subsequent Government Approvals - Scope Variation ⁴	Real Cost Variation ⁵	Transfer ⁶	Foreign Exchange Variation ⁷	Price Indexation ⁸	Total Approval
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2. Major capital equipment projects are managed in two stages: a definition stage, which is funded at first pass, and an acquisition stage, which is funded at second pass. There also may be multiple passes through Government in obtaining approvals for the various phases of a project.

3. Subsequent Government Approvals - Scheduled represents all subsequent Government Approvals since the Original and/or Second Pass Government Approval and endorsement, where these were scheduled with the Government within Defence's Integrated Investment Program.

4. Subsequent Government Approvals - Scope Variation are approved by Government to address a formal scope increase or decrease, that were not originally scheduled for the project.

5. Real Cost Variation represents an increase, or decrease in the value of a project, that is not related to changes in scope.

6. Transfer of funding from one approved project element to another to support holistic achievement of overall project scope. This would typically be within the holistic approval of a single IIP Project across different Delivery Groups. Can also include transfers to sustainment to deliver residual project scope upon closure.

7. Foreign Exchange Variation represents the impact on the project approval value caused by changes in budgeted foreign exchange rates.

8. Price Indexation represents the impact on the project approval value caused by the change in budgeted price indexation rates. This process was discontinued after the 2010-11 Portfolio Budget Statements.

9. Figures may not add due to rounding.

Web Table E.4: Major military equipment acquisition projects closed in 2023–24

Project name	Project number and phase	Project approval value	Total expenditure	Budget remaining from approval
		\$m	\$m	\$m
Space Surveillance Telescope	JNT 3029 Phase 2	26	26	(0)
Enhanced F88	LAND 125 Phase 3C	464	421	43
ADF Identification Friend or Foe and Automatic Dependant Surveillance Broadcast	JNT 90 Phase 1	434	291	143
Additional CH-47F Chinook Helicopters	LAND 4502 Phase 1	208	161	47
Multi-Role Helicopter 90	AIR 9000 Phase 2	3,656	3,592	64
Lead-in-Fighter Replacement	AIR 6002 Phase 1	10	4	6
Additional Lightweight Towed Howitzers and Capability Assurance Program	LAND 17 Phase 1C1	225	192	34
Night Fighting Equipment Replacement	LAND 53 Phase 1BR	579	516	63
Maritime Advanced SATCOM Terrestrial Infrastructure System	JNT 2008 Phase 5B1.2B	59	38	21
Evolved Sea Sparrow Missile Upgrade and Inventory Replenishment	SEA 1352 Phase 1	238	238	(0)
Deployable Mine Countermeasures	SEA 1778 Phase 1/SEA 1778 Phase 1-A	105	99	6
Battlespace Communications System	JNT 2072 Phase 3	157	148	9
Total—closed major projects		6,159	5,724	435

Notes:

1. Figures shown as 0 are amounts greater than \$0 but less than \$0.5m.
2. The table represents military equipment acquisition projects closed. There may be other project inputs relating to the same capability that are ongoing.
3. Includes the value of funding transferred to sustainment to deliver residual scope upon project closure.

Web Table E.5: New major military equipment acquisition projects approved by Government in 2023–24

Project name	Project number and phase	Programmed estimate 2023–24	Actual expenditure 2023–24	Variation	Project summary and explanation of variation
		(a)	(b)	(b-a)	
			\$m	\$m	
Nuclear-Powered Submarines	DEF 1	356	361	5	<p>Through the AUKUS partnership, this project will acquire, operate and sustain a sovereign, conventionally armed fleet of nuclear powered submarines equipped for intelligence, surveillance, reconnaissance and undersea warfare and strike missions.</p> <p>During 2023-24, the project entered into an agreement with the United Kingdom Government which included a fair and proportionate contribution from Australia for the uplift of the United Kingdom submarine industrial base to support the delivery of Australian nuclear-powered submarines, entered into procurement arrangements with the United States for Virginia-specific training support systems, undertook planning and training placements to develop a qualified and experienced Naval and industrial workforce to undertake maintenance on visiting US Virginia Class Submarines, entered into a contract for the qualification of Australian steel and supported two visits of US SSN to HMAS Stirling.</p> <p>The variation is primarily due to earlier than planned payments for SSN-AUKUS activities.</p>
Development of Sovereign Weapons Manufacturing	JP 2087	90	29	(61)	<p>The project supports capability development, planning activities and supports capability acquisition activities for The Sovereign Weapons Manufacturing Project within the Guided Weapons Explosive Ordnance Enterprise Capability Program.</p> <p>During 2023-24, the project initiated capability development studies and planning activities to support future manufacturing objectives including for Australian manufacturing of rocket motors and capabilities needed within the Commonwealth owned munitions manufacturing and testing facilities. The project also worked with foreign governments and key suppliers to develop Australian manufacturing capabilities, including to establish manufacturing for the Naval Strike Missile and detailed planning for Australian manufacturing of Guided Multiple Launch Rocket Systems missiles. The project delivered capability upgrades at the Government owned and contractor operated Mulwala Explosive Factory.</p> <p>The variation is primarily a result of scope clarification and re-work being needed for key activities with industry causing delays in early developmental studies as well as delays experienced in tendering, contracting and site selections of major activities.</p>
Land Combat Vehicle System (IFV)	LAND 400 Phase 3	131	212	82	<p>The project will acquire 129 Redback Infantry Fighting Vehicles to replace the Vietnam War era M113 Armoured Personnel Carrier fleet. The vehicles will be delivered across two variants, the Infantry Fighting Role and the Command and Control/Joint Fires Role, and provide for a single mechanised battalion for littoral manoeuvre, to be based in Townsville. The Infantry Fighting Vehicle will provide high levels of protection, mobility and lethality and is capable of carrying six dismounted soldiers in addition to a crew of three.</p> <p>During 2023-24, the focus was on achieving Government approval, executing the acquisition and initial support contracts with Hanwha Defence Australia, mobilising workforce and contract ramp up activities.</p> <p>The variation is due to recognition of the Hanwha Defence Australia mobilisation payment being ahead of schedule.</p>
Landing Craft - Medium	LAND 8710 Phase 1	33	21	(12)	<p>LAND 8710 Phase 1 is a multi-year program to acquire an enhanced modern fleet of Landing Craft Medium and Amphibious Vehicles. These will be replacing the current Army fleet of Landing Craft (LCM8) and Amphibious Vehicle (LARC-V) platforms.</p> <p>The underspend relates to the resourcing of adequate contracted support along with an underspend of capital expenditure due to delays in entering into the Risk Reduction Design Study contract for the Landing Craft Medium and associated delays in approving Milestone Payments.</p> <p>The project has seen an increase in effort required to progress the design maturation compared to original estimates. This is as a result of critical design iteration effort required for the LCM design, which have resulted in delays as well as a greater level of effort to mature the design. This has manifested in a longer timeframe and more effort to get from the System Definition and Requirements Review to the Preliminary Design Review.</p>
Hobart Class Destroyer - Aegis Capability Upgrade	SEA 4000 Phase 6	399	284	(115)	<p>This project will increase the ADF air and missile defence capability. The project will upgrade the three destroyers' Aegis combat system to Aegis Baseline 9 and replace the Kongsberg Australian Tactical Interface with a Saab Australia developed Australian Interface. This will reduce the risk of obsolescence and increase the range of missions that the Hobart class destroyers can conduct.</p> <p>The project will also facilitate interdependent projects to deliver selected capability insertions, to achieve Navy's surface combatant Minimum Viable Capability (MVC).</p> <p>During 2023-24, the project focused on completing the required artefacts and project plans to achieve 2nd pass approval in June 24, while in parallel progressing design and mobilisation activities for the Destroyer upgrade. The project also focused on engagement with interdependent projects and contract establishment for the selected capability insertions.</p> <p>The variation was primarily attributable to Foreign Military Sales (FMS) underachievement (\$28m), shortfalls against Platform Installer, Naval Construction Branch and Australian Interface contracts (\$40m), and underperformance across contracts contributing to capability insertions for the Hobart Class Minimum Viable Capability (\$26m). Industry partners' resource constraints were also an attributable factor. The 2023-24 underspend is inclusive of SEA4000 Phase 3 legacy activities which were incorporated into the SEA4000 Phase 6 project within the FY.</p>

Project name	Project number and phase	Programmed estimate 2023-24	Actual expenditure 2023-24	Variation	Project summary and explanation of variation
			\$m	\$m	
Integrated Undersea Surveillance	SEA 5012 Phase 1	18	6	(12)	<p>The project will deliver an Undersea Warfare Decision Support System (USW-DSS) with servers to be located at Edinburgh and Headquarters Joint Operations Command (HQJOC).</p> <p>During 2023-24, the project focused on achieving second pass approval and executing the acquisition Foreign Military Case (FMS) Case.</p> <p>The variation is primarily due to delays in executing the FMS Case and subsequent delay to the initial payment.</p>
Total—new major projects		1,027	913	(114)	

Notes:

1. Figures shown as 0 are amounts greater than \$0 but less than \$0.5 million.
2. New projects are reported when second pass approval is awarded, but not subsequent second pass approvals.
3. Figures may not add due to rounding.

Web Table E.6: Performance of Major and Medium Enterprise Estate and Infrastructure Program Projects in 2023–24

Status Key			
Met - All targets were met or exceeded, or remain on track to be met or exceeded.			
Substantially Met - Targets were mostly met or remain mostly on track to be met, and any issues were managed.			
Partially Met - Some targets were met or some are on track to be met, and any issues were managed.			
Not Met - No or minimal progress was made against targets.			
Project	State/Territory and Electorate	Status	Project Overview and 2023-24 Achievements
RAAF Base Tindal Redevelopment Stage 6 and United States Force Posture Initiative (USFPI) Airfield Works and Associated Infrastructure	NT - Lingiari	Met	This program is delivering a range of enhanced facilities and infrastructure, including airfield improvements, at RAAF Base Tindal NT. This program commenced construction in late-2020 and is scheduled for completion in late-2026. Construction continued throughout 2023-24 as scheduled.
Enhanced Land Force (ELF) Stage 2	Various	Substantially Met	This project provided purpose-built facilities and supporting infrastructure to support ELF capabilities. This included the construction of new and refurbished accommodation, common use and training facilities, and site infrastructure upgrades. The works are complete with the exception of an underpass at the Cullana Training Area SA which is scheduled for completion in early-2026, slightly delayed from late-2025 as previously reported in 2023-24 budget documentation. Design finalisation and contractor procurement activities have occurred throughout 2023-24.
Navy Capability Infrastructure Sub-program: Offshore Patrol Vessel (OPV) Facilities (SEA 1180 Phase 1)	Various	Met	This project is providing berthing, training, maintenance, logistics, and support facilities to support the introduction into service of the Arafura class OPVs at HMAS Coonawarra and RAAF Base Darwin NT, HMAS Cairns QLD, and HMAS Stirling and Henderson Maritime Precinct WA. This project commenced construction in mid-2021 and is scheduled for completion in early-2029. Construction continued throughout 2023-24 as scheduled.
Navy Capability Infrastructure Sub-program: Hunter Class Frigate Program Facilities (SEA 5000 Phase 1)	Various	Substantially Met	This project is providing upgraded facilities and infrastructure to support the introduction of the new Hunter Class Frigates to replace the current Anzac class frigates at HMAS Watson and the Garden Island Defence Precinct NSW, St Kilda and Osborne Naval Shipyards SA, and HMAS Stirling and Henderson Maritime Precinct WA. This project commenced construction in mid-2021 and is scheduled for completion in late-2027, slightly delayed from mid-2027 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
Maritime Patrol Aircraft Replacement (AIR 7000 Phase 2B)	Various	Met	This project is providing new and upgraded facilities and infrastructure to support the introduction of P-8A aircraft at RAAF Base Edinburgh SA, RAAF Base Townsville QLD, RAAF Base Pearce WA, RAAF Base Darwin NT and HMAS Stirling WA. This project commenced construction in late-2019 and is scheduled for completion at each base up to mid-2026. Construction continued throughout 2023-24 as scheduled.
USFPI Northern Territory Training Areas and Ranges Upgrades	NT - Lingiari	Met	This project is providing upgraded range facilities and associated infrastructure at the Bradshaw Field, Kangaroo Flats, Mount Bundey and Robertson Barracks Close training areas in the NT. This includes range control, training camp accommodation, small arms, ranges, roads, and supporting facilities and infrastructure. This project commenced construction in early-2022 and is scheduled for completion in late-2025. Construction continued throughout 2023-24 as scheduled.
Larrakeyah Defence Precinct Redevelopment Program	NT - Solomon	Met	This program is upgrading critical base infrastructure, improving the working environment, delivering new facilities, and supporting future growth on the Larrakeyah Defence Precinct NT. This program is also delivering a new wharf, fuel storage and refuelling capabilities to support Navy's major surface combatant ships operating in the north of Australia. This program commenced construction in late-2018 and is scheduled for completion in late-2025. Construction continued throughout 2023-24 as scheduled.
Cocos (Keeling) Islands Airfield Upgrade	NT - Lingiari	Substantially Met	This project will upgrade the airfield and construct supporting infrastructure at Cocos (Keeling) Islands, including the runway, taxiway, and airfield lighting. This project is scheduled for completion in mid-2027. Design finalisation and contract negotiations have occurred throughout 2023-24 as scheduled.
HMAS Cerberus Redevelopment	VIC - Flinders	Met	This project upgraded engineering services, refurbished living-in-accommodation, constructed a new logistics precinct, upgraded the gym, refurbished training facilities and galley, and demolished redundant buildings at HMAS Cerberus VIC. This project commenced construction in early-2018. The works were completed in 2023-24 and the project is now in the Defects Liability Period.
HMAS Watson Redevelopment	NSW - Wentworth	Met	This project is addressing functionally deficiencies, capacity constraints, and non-compliances with facilities and infrastructure at HMAS Watson, Sydney, NSW. This project commenced construction in early-2020 and is scheduled for completion in early-2027. Construction continued throughout 2023-24 as scheduled.
Airfield Maintenance Works P0010 (Amberley, Pearce, Richmond and Albatross)	Various	Met	This project is maintaining aircraft pavements, aeronautical ground lighting, and drainage at HMAS Albatross and RAAF Base Richmond in NSW, RAAF Base Amberley QLD, and RAAF Base Pearce WA. This project commenced construction in early-2024 and is scheduled for completion in early-2026. Construction continued throughout 2023-24 as scheduled.
Facilities to Support AIR7000 Phase 1B Remotely Piloted Aircraft System	Various	Met	This project is providing facilities and infrastructure to support the introduction into service of the MQ-4C Triton aircraft system at RAAF Base Tindal NT and the Edinburgh Defence Precinct SA. The works include a control centre, training facilities, squadron headquarters, hangars, airfield pavements, aircraft wash point, and site-wide engineering services. This project commenced construction in mid-2023 and is scheduled for completion in early-2026. Construction continued throughout 2023-24 as scheduled.
Robertson Barracks Base Improvements Project	NT - Lingiari	Met	This project is upgrading engineering services (such as potable water, electrical and fire water), providing additional living-in accommodation, and providing a new combined mess at Robertson Barracks NT. This project commenced construction in mid-2024 and is scheduled for completion in early-2027. Design finalisation and contractor procurement activities occurred throughout 2023-24 as scheduled.
Airfield Maintenance Works P0009 (RAAF Darwin and Mount Bundey)	Various	Met	This project is providing major maintenance of aircraft pavements, aeronautical ground lighting and airfield drainage at RAAF Base Darwin NT and Mount Bundey NT. This project commenced construction in mid-2023 and is scheduled for completion in late-2025. Construction continued throughout 2023-24 as scheduled.
Edinburgh Defence Precinct Mid Term Refresh	SA - Spence	Substantially Met	This project will remediate and upgrade base infrastructure to support Defence requirements and capabilities at the Edinburgh Defence Precinct SA. This project is scheduled to commence construction in early-2025 and is scheduled for completion in mid-2028, delayed from early-2027 as previously reported in 2023-24 budget documentation. Design finalisation and contractor negotiations activities occurred throughout 2023-24 as scheduled.
AIR 555 Phase 1 Airborne Intelligence Surveillance Reconnaissance Electronic Warfare Capability Facilities Works	Various	Met	This project is providing facilities and infrastructure to support the introduction into service of MC-55A Peregrine Airborne Intelligence Surveillance Reconnaissance Electronic Warfare capability at RAAF Base Darwin NT, RAAF Base Townsville QLD, RAAF Base Edinburgh SA and Cocos (Keeling) Islands NT. This project commenced construction in late-2020 and is scheduled for completion in mid-2024. Construction continued throughout 2023-24 as scheduled.
Garden Island (East) Critical Infrastructure Recovery Program Stage 2	NSW - Sydney	Substantially Met	This project is providing upgraded wharves and engineering services to address condition, capacity and compliance issues at the Garden Island Defence Precinct, Sydney, NSW. This project commenced construction in mid-2019 and is scheduled for completion in early-2025, delayed from late-2023 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
Facilities to Support JP 9101 Enhanced Defence Communications	Various	Met	This project will provide facilities and infrastructure to support the implementation of enhanced communications systems at various bases around Australia. This project is scheduled for completion in early-2027. Design finalisation and contractor procurement activities occurred throughout 2023-24 as scheduled.

Web Table E.6: Performance of Major and Medium Enterprise Estate and Infrastructure Program Projects in 2023–24

Status Key			
Met - All targets were met or exceeded, or remain on track to be met or exceeded.			
Substantially Met - Targets were mostly met or remain mostly on track to be met, and any issues were managed.			
Partially Met - Some targets were met or some are on track to be met, and any issues were managed.			
Not Met - No or minimal progress was made against targets.			
Project	State/Territory and Electorate	Status	Project Overview and 2023-24 Achievements
Facilities to Support LAND 19 Phase 7B Short Range Ground Based Air Defence	SA - Spence	Met	This project is providing new working accommodation, operational support, storage, training and living-in-accommodation facilities to support new air defence capability at RAAF Base Edinburgh SA. This project commenced construction in mid-2023 and is scheduled for completion in mid-2025. Construction continued throughout 2023-24 as scheduled.
Joint Health Command Garrison Facilities Upgrades	Various	Met	This project is providing contemporary Garrison Health Facilities at 14 bases around Australia. This project commenced construction in late-2018. The majority of the works are complete except for those at RAAF Base Darwin NT, which are scheduled for completion in late-2024. Construction continued throughout 2023-24 as scheduled.
Armoured Fighting Vehicles Facilities Program Stage 1	Various	Substantially Met	Stage 1 of this program is providing facilities and infrastructure to support, sustain, and train Army personnel on the next generation of Armoured Fighting Vehicles capability at Lavarack Barracks QLD, Edinburgh Defence Precinct SA, and the Puckapunyal Military Area VIC. This project commenced construction in late-2021 and is scheduled for completion in late-2024, delayed from late-2023 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
Navy Capability Infrastructure Sub-program: Maritime Operational Support Capability Facilities (SEA 1654 Phase 3)	Various	Met	This project is providing new and upgraded facilities and infrastructure to support the introduction of the Supply Class replenishment ships at HMAS Stirling WA, and Randwick Barracks and the Garden Island Defence Precinct NSW. This project commenced construction in late-2018 with completion occurring in 2023-24. This project is now in the Defects Liability Period.
Land 121 Phase 5B Facilities Project	Various	Substantially Met	This project is providing facilities and infrastructure to support and sustain vehicles, modules and trailers at various bases around Australia. This project commenced construction in mid-2021 and is scheduled for completion in late-2024, delayed from early-2024 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
Airfield Capital Works P0008 (RAAF Williamtown)	NSW - Paterson	Substantially Met	This project is maintaining aircraft pavements, aeronautical ground lighting and airfield drainage, and delivering associated airfield upgrade works at RAAF Base Williamtown NSW. This project commenced construction in early-2022 and was completed in mid-2024, slightly delayed from early-2024 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
Fishermans Bend Redevelopment	VIC - Macnamara	Met	This project will address condition, capacity and compliance issues at Fishermans Bend VIC, including upgrading engineering services, refurbishing existing facilities and providing new working accommodation. This project commenced construction in mid-2024 and is scheduled for completion in late-2026. Design finalisation and initial works delivery occurred throughout 2023-24.
DEF101 Data Centre Upgrade	ACT - Bean	Met	This project is providing infrastructure to support and ensure ongoing communications capability at HMAS Harman ACT through the expansion and fit out of existing facilities. This project commenced construction in mid-2020 and was completed in mid-2024. Construction continued throughout 2023-24 as scheduled.
HMAS Harman Redevelopment	ACT - Bean	Met	This project will deliver fit-for-purpose facilities and infrastructure at HMAS Harman ACT, including upgrading, replacing and providing new engineering services, command facility, entry precinct, office accommodation, and living-in accommodation. This project commenced construction in mid-2024 and is scheduled for completion in late-2025. Design finalisation and contractor procurement activities occurred throughout 2023-24.
Airfield Capital Works P0006 (Curtin, Tindal and Townsville)	Various	Met	This project is maintaining aircraft pavements and airfield lighting at RAAF Base Curtin WA, RAAF Base Tindal NT, and RAAF Base Townsville QLD. The works at Curtin and Tindal are complete while the works at Townsville have been reprogrammed to align with similar works being delivered under a related project to minimise disruption to airfield operations. This project commenced construction in early-2016 and is scheduled for completion in mid-2026. Design finalisation and coordination activities with related works occurred throughout 2023-24.
Cullana Training Area Redevelopment Phase 2	SA - Grey	Met	This project will provide new facilities and infrastructure to develop the expanded training area into a training range at the Cullana Training Area SA. This project is commenced in mid-2024 for completion in mid-2025. Design finalisation and contractor procurement activities occurred throughout 2023-24 as scheduled.
North Queensland Mid-Term Refresh Program: RAAF Townsville Mid-Term Refresh Project	QLD - Herbert	Met	This project is upgrading engineering services including potable water and power, refurbish working accommodation, and provide additional transit living-in accommodation at RAAF Townsville QLD. This project commenced construction in mid-2023 and is scheduled for completion in early-2025. Construction continued throughout 2023-24 as scheduled.
GWEO Program Accelerated Storage	NSW - Hunter	Substantially Met	This project will address explosive ordnance storage at Defence Establishment Myambat NSW. This project is scheduled to commence construction in mid-2024 for completion in late-2025, delayed from late-2024 as previously reported in 2023-24 budget documentation. Design finalisation occurred throughout 2023-24 as scheduled.
AIR 2025 Phase 6 Jindalee Operational Radar Networks (JORN) Facilities Project	Various	Substantially Met	This project is providing new facilities and infrastructure to support the mid-life upgrade of JORN capability at Mount Everard and Harts Range near Alice Springs NT, Murray Bridge Training Area SA, and RAAF Learmonth and Kojarena WA. This project commenced construction in mid-2019 and is scheduled for completion in late-2025, delayed from early-2024 as previously reported in 2023-24 budget documentation. Construction was completed for most works while design the remaining works was finalised throughout 2023-24.
Facilities to Support SEA 2273 Fleet Information Environment Modernisation Project	Various	Substantially Met	This project is providing an upgraded information system that supports maritime and naval operations at HMAS Kuttabul NSW, HMAS Carverus VIC, HMAS Stirling WA, HMAS Coonawarra NT and HMAS Cairns QLD. This project commenced construction in mid-2022 and is scheduled for completion in late-2024, slightly delayed from early-2024 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
Anglesea Paterson Project	Various	Met	This project is upgrading engineering services and refurbishing buildings at Anglesea Barracks and Youngtown Depot TAS, and will construct new facilities in North Launceston TAS. This project commenced construction in mid-2023 for completion in late-2024. Construction continued throughout 2023-24 as scheduled.
GWEO Storage Tranche 1	Various	Substantially Met	This project will provide explosive ordnance storage facilities and infrastructure at various bases around Australia. These project commenced construction in late-2023 and is scheduled for completion in mid-2025, delayed from late-2024 as previously reported in 2023-24 budget documentation. Design finalisation has occurred throughout 2023-24 as scheduled.
Facilities to Support LAND 129 Phase 3 Tactical Unmanned Aerial Vehicles	QLD - Ryan	Substantially Met	This project is providing fit-for-purpose facilities and infrastructure to support replacement Tactical Unmanned Aerial Vehicle capability at Galipoli Barracks QLD, including working accommodation, training, storage, and hardstand facilities as well as electrical and communications upgrades. This project commenced construction in mid-2023 and is scheduled for completion in early-2025, slightly delayed from late-2024 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.

Web Table E.6: Performance of Major and Medium Enterprise Estate and Infrastructure Program Projects in 2023–24

Status Key			
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Partially Met - Some targets were met or some are on track to be met, and any issues were managed.			
Not Met - No or minimal progress was made against targets.			
Project	State/Territory and Electorate	Status	Project Overview and 2023-24 Achievements
LAND 4502 Phase 1 Additional CH-47F Chinook Facilities	QLD - Herbert	Met	This project is providing new facilities for 5 Aviation Regiment at RAAF Base Townsville QLD to support the introduction and sustainment of new CH-47F Chinook Medium Lift Helicopters. This project commenced construction in mid-2019 and was completed in April 2024. Construction and finalisation continued throughout 2023-24 as scheduled.
GWEO Program Accelerated Storage	NSW - Lismore	Met	This project will address explosive ordnance storage requirements at Defence Establishment Jennings NSW. This project is scheduled to commence construction in late-2024 for completion in mid-2025. Design finalisation occurred throughout 2023-24 as scheduled.
Puckapunyal Mid-Term Refresh	VIC - Nicholls	Met	This project is addressing condition, capacity and compliance issues with existing infrastructure at the Puckapunyal Military Area VIC including remedial and upgrading engineering services and constructing a new storage facility. The works were completed in 2023-24 and the project is in the Defects Liability Period.
RAAF Base Amberley Sewage Treatment Plant	QLD - Blair	Substantially Met	This project is providing a new sewage treatment plant and associated infrastructure and facilities including administration and storage at RAAF Base Amberley, QLD. This project commenced construction in early-2023 and is scheduled for completion in early-2025, delayed from mid-2024 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
Puckapunyal Health and Wellbeing Centre	VIC - Nicholls	Met	This project provided a new health and wellbeing centre at the Puckapunyal Military Area VIC. This project commenced construction in mid-2021. The works were completed in 2023-24 and this project is now in the Defects Liability Period.
Relocation of Units from Elizabeth North Training Depot	SA - Spence	Substantially Met	This project will provide new facilities to allow the relocation of reserve and cadet units at Elizabeth North Training Depot to the Edinburgh Defence Precinct SA. This project is scheduled to commence construction in mid-2024 for completion in late-2025, delayed from early-2025 as previously reported in 2023-24 budget documentation. Design finalisation and subcontractor procurement activities occurred throughout 2023-24 as scheduled.
Facilities to Support LAND3025 Phase 2 Deployable Special Operations Engineer Regiment	NSW - Hughes	Met	This project will deliver fit-for-purpose facilities and infrastructure to support deployable special operations engineer capability at Holsworthy Barracks NSW, including new storage, training and laboratory facilities as well as refurbishment of an existing office. This project commenced construction in late-2023 for completion in early-2025. Construction continued throughout 2023-24 as scheduled.
HMAS Creswell Mid-Term Refresh	ACT - Fenner	Substantially Met	This project will refurbish existing facilities and infrastructure at HMAS Creswell, Jervis Bay ACT, including engineering services, car parking, and the entry precinct. This project is scheduled to commence construction in late-2023 and is scheduled for completion in early-2025, slightly delayed from late-2024 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
HMAS Waterhen Mid-Term Refresh	NSW - North Sydney	Met	This project addressed condition, capacity and compliance issues with existing facilities and infrastructure at HMAS Waterhen NSW including shore power, mechanical services, working accommodation, security and access. The works are complete and the project is now in the Defects Liability Period.
LAND 2110 Phase 1B - Chemical, Biological, Radiological and Nuclear Defence Facilities	Various	Substantially Met	This project is providing new and refurbished facilities, including training and storage facilities, at 14 bases around Australia. This project commenced construction in early-2021 and is scheduled for completion in mid-2025, slightly delayed from early-2025 as previously reported in 2023-24 budget documentation. Construction continued throughout 2023-24 as scheduled.
North Queensland Mid-Term Refresh Program: Townsville Field Training Area Mid-Term Refresh Project	QLD - Kennedy	Met	This project is upgrading engineering services including power, sewerage, stormwater and ICT, and constructing a new entry point at the Townsville Field Training Area QLD. This project commenced construction in mid-2023, and is scheduled for completion in late-2024. Construction continued throughout 2023-24 as scheduled.
Space Domain Awareness Project Mirror Recoating Facility	WA - Durack	Met	This project is constructing a Mirror Recoating Facility to recoat Space Surveillance Telescope mirrors at Harold E Holt, WA. The works were completed in 2023-24 and this project is now in the Defects Liability Period.
Facilities for A Company 41st Royal New South Wales Regiment Tweed Heads Region	NSW - Richmond	Met	This project is providing administration, common user, training, storage, and hardstand facilities and minor refurbishment works to alleviate existing functionality and capacity issues at Tweed Heads NSW. This project commenced construction in mid-2023 and was completed in mid-2024. Construction continued throughout 2023-24 as scheduled.
North Queensland Mid-Term Refresh Program: HMAS Cairns Mid-Term Refresh Project	QLD - Leichardt	Met	This project is upgrading engineering services including firefighting systems, potable water, sewerage and stormwater, and delivering minor building refurbishment works at HMAS Cairns QLD. This project commenced construction in mid-2023 and is scheduled for completion in late-2024. Construction continued throughout 2023-24 as scheduled.
Facilities to Support JP 8190 Phase 1 Deployable Bulk Fuel Distribution	Various	Met	This project will provide new and refurbished training, maintenance and storage facilities to support training in both land and littoral environments at RAAF Base Amberley QLD, Lavarack Barracks QLD, Cowley Beach Training Area QLD, and Greenbank Training Area QLD. This project is scheduled to commence construction in late-2024 for completion in mid-2025. Design finalisation and contractor procurement activities occurred throughout 2023-24 as scheduled.
DEF 9358 Phase 1 Facilities	QLD - Groom	Met	This project will provide facilities to support electronic warfare capability at Borneo Barracks QLD. The works were completed in 2023-24 and the project is in the Defects Liability Period.
RAAF Base Pearce Additional Flight Training Device	WA - Durack	Substantially Met	This project is delivering a new facility for 2nd Flight Training School to support ongoing air capability training in an Flight Training Device simulated environment. This project commenced construction in mid-2024 and is scheduled for completion in late-2024, slightly delayed from mid-2024 as previously reported in 2023-24 budget documentation. Design finalisation and initial construction works occurred during 2023-24 as scheduled.
Facilities to Support SEA 9100 Phase 1 Improved Embarked Logistics Support Helicopter Tranche 1	NSW - Gilmore	Met	This project is providing facilities to support improved embarked logistics support helicopters at HMAS Albatross NSW. This project commenced construction in mid-2024 and is scheduled for completion in late-2024. Design finalisation occurred throughout 2023-24 as scheduled.
2nd Combat Engineer Regiment Compensatory Hardstand Project	QLD - Ryan	Substantially Met	This project is providing an appropriate hardstand area for the 2nd Combat Engineer Regiment at Gallipoli Barracks QLD. This project commenced construction in mid-2022 and construction is complete.

Web Table E.7: Major Defence establishments and bases, 2023–24

Establishment and base	Federal electorate	Location
Australian Capital Territory (and Jervis Bay Territory)		
Anzac Park West	Canberra	Parkes
Australian Defence College	Bean	Weston
Australian Defence Force Academy (ADFA)	Canberra	Campbell
Brindabella Park	Canberra	Canberra Airport
Campbell Park Offices	Canberra	Campbell
Defence Establishment Fairbairn	Canberra	Canberra Airport
HMAS Creswell	Fenner	Jervis Bay Territory
HMAS Harman	Bean	Symonston
Majura Training Area (MFTA)	Canberra	Majura
Royal Military College	Canberra	Duntroon
Russell Offices	Canberra	Russell
New South Wales		
Blamey Barracks	Riverina	Kapooka
Beecroft Training Range	Gilmore	Beecroft
Defence Establishment Orchard Hills	Lindsay	Orchard Hills
Defence Plaza Sydney	Sydney	Sydney
Garden Island Defence Precinct	Sydney	Sydney
General John Baker Complex	Eden-Monaro	Bungendore
HMAS Albatross	Gilmore	Nowra
HMAS Penguin	Warringah	Balmoral
HMAS Waterhen	North Sydney	Balmoral
HMAS Watson	Wentworth	Watsons Bay
Holsworthy Barracks (HTA)	Hughes	Holsworthy
Joint Logistics Unit - East	Hughes	Moorebank
Lone Pine Barracks	Hunter	Singleton
Marrangaroo Training Area	Calare	Marrangaroo
RAAF Base Glenbrook	Macquarie	Glenbrook
RAAF Base Richmond	Macquarie	Richmond
RAAF Base Wagga	Riverina	Wagga Wagga
RAAF Base Williamtown	Paterson	Williamtown
Randwick Barracks	Kingsford Smith	Randwick
Singleton Training Area	Hunter	Singleton
Victoria Barracks Sydney	Wentworth	Paddington
Northern Territory		
Bradshaw Field Training Area (BFTA)	Lingiari	Bradshaw
Defence Establishment Berrimah	Solomon	Coonawarra
Delamere Range Facility	Lingiari	Delamere
Joint Defence Facility - Pine Gap	Lingiari	Alice Springs
Kangaroo Flat Training Area (KFTA)	Lingiari	Charlotte
Larrakeyah Defence Precinct	Solomon	Darwin
Marksmanship Training Range (MTR) Range Control	Lingiari	Holtze
Mount Bunday Training Area (MBTA)	Lingiari	Mount Bunday
RAAF Base Darwin	Solomon	Winnellie
RAAF Base Tindal	Lingiari	Tindal
Robertson Barracks	Lingiari	Holtze
Robertson Barracks Close Training Area (RBTA)	Lingiari	Holtze
Shoal Bay Receiving Station	Lingiari	Shoal Bay
Queensland		
Atherton Rifle Range (ARR)	Kennedy	Atherton
Borneo Barracks	Groom	Cabarlah
Cabarlah Rifle Range (CAB)	Groom	Cabarlah
Canungra Field Training Area (CFTA)	Wright	Canungra
Cowley Beach Training Area (CBTA)	Kennedy	Cowley Beach
Damascus Barracks, Meeandah	Lilley	Pinkenba
Enoggera Close Training Area (ECTA)	Ryan	Enoggera
Gallipoli Barracks	Ryan	Enoggera
Greenbank Training Area (GBTA)	Wright	Greenbank
Halifax Bay Training Area (HBTA)	Herbert	Townsville
HMAS Cairns	Leichhardt	Portsmith
HMAS Moreton	Griffith	Bulimba
Kokoda Barracks	Wright	Canungra
Komiatum Barracks	Dawson	Mackay
Lavarack Barracks	Herbert	Townsville
Lavarack Close Training Area (LCTA)	Herbert	Townsville
Macrossan Training Area (MTA)	Kennedy	Charters Towers
Mount Isa Rifle Range (MIRR)	Kennedy	Mount Isa
Mount Stuart Training Area (MSTA)	Herbert	Townsville
Greenvale Training Area (GVTA)	Kennedy	Greenvale
DSTG Pin Gill Hill - Innisfail	Kennedy	Innisfail
Porton Barracks	Kennedy	Edmonton
Purga Rifle Range (PUR)	Blair	Purga
RAAF Base Amberley	Blair	Amberley
RAAF Base Scherger	Leichhardt	Weipa
RAAF Base Townsville	Herbert	Townsville
Ross Island Barracks	Herbert	Townsville
Sarpeye Barracks Thursday Island	Leichhardt	Thursday Island
Shoalwater Bay Training Area (SWBTA)	Capricornia	Rockhampton
Staging & Support Rockhampton (Woolcock Barracks)	Capricornia	Rockhampton
Swartz Barracks (Army Aviation Centre Oakey)	Groom	Oakey
Townsville Field Training Area (TFTA)	Kennedy	Townsville

Web Table E.7: Major Defence establishments and bases, 2023–24

Establishment and base	Federal electorate	Location
Tully Training Area (TTA)	Kennedy	Tully
Victoria Barracks Brisbane (VBB)	Brisbane	Brisbane
Wangetti Rifle Range (WRR)	Leichhardt	Wangetti
Wide Bay Training Area (WBTA)	Wide Bay	Wide Bay
South Australia		
Cultana Training Area (CUTA)	Grey	Port Augusta
Edinburgh Defence Precinct (ECTA)	Spence	Edinburgh
Hampstead Barracks	Adelaide	Greenacres
Murray Bridge Training Area (MUTA)	Barker	Murray Bridge
Proof and Experimental Establishment Port Wakefield	Grey	Port Wakefield
Woomera Range Complex	Grey	Woomera
Warradale Barracks	Boothby	Oaklands Park
Woodside Barracks	Mayo	Woodside
Tasmania		
Anglesea Barracks	Clark	Hobart
Buckland Military Training Area	Lyons	Buckland
Burnie Depot (Wivenhoe)	Braddon	Burnie
Defence Science and Technology Group (DSTG) Scottsdale	Bass	Scottsdale
Derwent Barracks	Clark	Dowsing Point
Devonport Depot (Kokoda Barracks)	Braddon	Devonport
Fort Direction	Franklin	South Arm
Paterson Barracks	Bass	Launceston
Stony Head Military Training Area	Bass	Launceston
Warrane Depot	Franklin	Warrane
Youngtown Depot	Bass	Youngtown
Victoria		
AGO Bendigo Logistics Support Facility	Bendigo	Bendigo
Albury Wodonga Military Area	Indi	Albury / Wodonga
Benalla Munitions Facility	Indi	Benalla
Defence Plaza Melbourne	Melbourne	Melbourne
Defence Science and Technology Group Fishermans Bend	Macnamara	Fishermans Bend
Fort Queenscliff	Corangamite	Queenscliff
HMAS Cerberus	Flinders	Crib Point
Monegeetta Proving Ground	McEwen	Monegeetta
Proof and Experimental Establishment Graytown	Nicholls	Graytown
Puckapunyal Military Area	Nicholls	Puckapunyal
RAAF Base East Sale	Gippsland	East Sale
RAAF Base Williams (Laverton)	Gellibrand	Laverton
RAAF Base Point Cook	Gellibrand	Point Cook
Simpson Barracks	Jagajaga	Yallambie
Victoria Barracks Melbourne	Macnamara	Southbank
Western Australia		
Australian Defence Satellite Communications Station	Durack	Kojarena
Bindoon Training Area (BTA)	Durack	Bullsbrook
Broome Rifle Range (BRR)	Durack	Broome
Campbell Barracks	Curtin	Swanbourne
Coolilup Rifle Range (CLRR)	Forrest	Capel / Busseton
Dampier Rifle Range (DRR)	Durack	Dampier / Karratha
Henderson Maritime Precinct	Fremantle	Fremantle
HMAS Stirling	Brand	Garden Island
Irwin Barracks	Curtin	Karrakatta
Lancelin Training Area (LFTA)	Durack	Bullsbrook
Leeuwin Barracks	Fremantle	Fremantle East
Muchea Training Area	Durack	Bullsbrook
Naval Communications Station, Harold E Holt	Durack	Exmouth
Northam Training Area (NTA)	Durack	Northam
Northam Training Camp	Durack	Northam
Palmer Barracks	Hasluck	South Guildford
RAAF Base Curtin	Durack	Derby
RAAF Base Learmonth	Durack	Learmonth
RAAF Base Pearce	Durack	Bullsbrook
RAAF Gingin	Durack	Gingin
Taylor Barracks	Durack	Karratha
Yampi Sound Training Area (YSTA)	Durack	Derby / West Kimberley

Web Table E.8: Status of capital facilities projects for consideration and approval by the Parliamentary Standing Committee on Public Works (PWC) in 2023–24

Project	State/Territory and Electorate	PWC Referral Date [1]	PWC Hearing Date [1]	Parliamentary Approval Date [1&2]
Major projects that were foreshadowed for consideration and approval in 2023-24				
Defence Fuels Transformation Program - Tranche 2 Facilities Project	Multiple	12-Sep-23	31-Oct-23	30-Nov-23
Facilities to Support JP 9101 Enhanced Defence High Frequency Communications	Multiple	20-Jun-23	21-Jul-23	08-Aug-23
Fishermans Bend Redevelopment	VIC - Macnamara	20-Jun-23	16-Aug-23	12-Sep-23
Edinburgh Defence Precinct Mid-Term Refresh	SA - Spence	03-Aug-23	04-Oct-23	15-Nov-23
RAAF Base Learmonth Redevelopment Enabling KC-30A Operatons	WA - Exmouth	28-Nov-23	21-Feb-24	27-Mar-24
RAAF Base Darwin - Mid Term Refresh	NT - Solomon	23-Nov-23	05-Mar-24	26-Mar-24
AIR5349 Phase 6 Facilities to Support Advanced Growler	Multiple	07-Feb-24	23-Apr-24	03-Jul-24
Canberra Defence Precinct Tranche 1 Australian Defence Force Academy Living - in Accommodation	ACT - Canberra	28-Nov-23	03-May-24	Late 2025
RAAF Base Wagga Redevelopment	NSW - Riverina	27-Mar-24	13-Jun-24	03-Jul-24
Albury Wodonga Military Area Redevelopment	VIC - Indi	27-Mar-24	13-Jun-24	03-Jul-24
Submarine Rotational Force-West, Priority Works	WA - Brand	06-Jun-24	02-Aug-24	21-Aug-24
Project	State/Territory and Electorate	Date of PWC Notification Approval[1]		
Medium projects that were foreshadowed for consideration and approval in 2023-24				
RAAF Base Darwin Secure Multi User Facility	NT - Solomon	29-Feb-24		
Armoured Fighting Vehicle Facilities Program Stage 2 - Gaza Ridge Barracks	VIC - Indi	16-May-24		
Armoured Fighting Vehicle Facilities Program Stage 2 - Gallipoli Barracks	QLD - Rvan	27-Jun-24		

Notes:

1. Actual dates are shown in full.

Web Table E.9: Approved Major and Medium Enterprise Estate and Infrastructure Program Project Expenditure in 2023–24

Project ⁽¹⁾	State/Territory and Federal Electorate	Total Estimated Expenditure \$m ^{(2) (3) (4)}	Cumulative Expenditure to 30 June 2023 \$m ^{(2) (3) (4)}	2023-24 Budget Estimate \$m ^{(2) (3) (4)}	2023-24 Revised Estimate \$m ^{(2) (3) (4)}	2023-24 Actual Expenditure \$m ^{(2) (3) (4)}
RAAF Base Tindal Redevelopment Stage 6 and United States Force Posture Initiative (USFPI) Airfield Works and Associated Infrastructure						
RAAF Tindal	NT - Lingiari					
Total		1,582.0	560.3	317.5	246.5	251.9
Enhanced Land Force (ELF) Stage 2						
Lone Pine Barracks	NSW - Hunter		115.8	-	-	-
Puckapunyal Training Area	VIC - Nicholls		11.7	-	-	-
Simpson Barracks	VIC - Jagaajaga		20.2	-	-	-
RAAF Amberley	QLD - Blair		9.6	-	-	-
Lavarack Barracks	QLD - Herbert		62.0	-	-	-
Townsville Training Area	QLD - Kennedy		3.9	-	-	-
Greenbank Training Area	QLD - Wright		120.7	-	-	-
Gallipoli Barracks	QLD - Ryan		828.9	-	-	-
Wide Bay Training Area	QLD - Wide Bay		78.3	-	-	-
Kokoda Barracks	QLD - Wright		71.8	-	-	-
Cullana Training Area	SA - Grev		69.0	33.2	5.9	0.0
RAAF Edinburgh	SA - Spence		34.7	-	-	-
Malura Field Training Area	ACT - Canberra		13.4	-	-	-
Royal Military College Canberra	ACT - Canberra		9.0	-	-	-
Mount Stuart	QLD - Kennedy		4.1	-	-	-
Total		1,476.0	1,453.1	33.2	5.9	0.0
Navy Capability Infrastructure Sub-program: Offshore Patrol Vessel (OPV) Facilities (SEA 1180 Phase 1)						
HMAS Coonawarra	NT - Solomon		57.2	70.8	72.4	72.0
RAAF Darwin	NT - Solomon		7.5	2.5	2.6	3.8
HMAS Cairns	QLD - Leichardt		17.0	69.7	44.7	26.2
HMAS Stirling	WA - Brand		166.0	60.4	33.3	45.2
Henderson Maritime Precinct	WA - Fremantle		51.6	9.1	5.2	3.1
Total		918.5	299.3	212.5	158.2	150.3
Navy Capability Infrastructure Sub-program: Hunter Class Frigate Program Facilities (SEA 5000 Phase 1)						
HMAS Watson	NSW - Wentworth		-	-	-	-
Garden Island Defence Precinct	NSW - Sydney		-	-	-	-
St Kilda	SA - Spence		94.8	0.2	0.6	1.3
Osborne Naval Shipyard	SA - Hindmarsh		24.2	49.2	21.6	67.3
HMAS Stirling	WA - Brand		212.7	39.1	18.4	47.3
Henderson Maritime Precinct	WA - Fremantle		92.6	16.9	6.7	12.1
Total		915.5	424.3	105.4	47.3	128.0
Maritime Patrol Aircraft Replacement (AIR 7000 Phase 2B)						
RAAF Edinburgh	SA - Spence		510.4	22.0	7.6	4.2
RAAF Darwin	NT - Solomon		158.6	-	0.6	0.8
RAAF Townsville	QLD - Herbert		0.3	5.3	4.1	0.1
RAAF Pearce	WA - Pearce		104.2	-	4.0	5.2
HMAS Stirling	WA - Brand		4.6	-	-	-
Total		896.9	778.2	27.3	16.3	10.3
USFPI Northern Territory Training Areas and Ranges Upgrades						
Bradshaw Field Training Area	NT - Lingiari		101.7	106.7	46.6	98.1
Kangaroo Flats Training Area	NT - Lingiari		17.5	59.6	68.3	50.2
Mount Bunder Training Area	NT - Lingiari		8.4	37.0	26.2	22.1
Robertson Barracks Close Training Area	NT - Lingiari		59.7	59.4	23.9	36.8
Total		747.0	187.2	263.3	165.0	207.2
RAAF Base Learmonth Redevelopment Enabling KC-30 Operations						
RAAF Learmonth	WA - Durack		662.2	-	-	71.3
Total		662.2	-	-	-	71.3
Larrakeyah Defence Precinct Redevelopment Program						
Larrakeyah Defence Precinct	NT - Solomon		601.7	429.7	77.0	60.0
Total		601.7	429.7	77.0	60.0	74.2
Cocos (Keeling) Islands Airfield Upgrade						
Cocos (Keeling) Islands	NT - Lingiari		567.6	-	159.0	42.1
Total		567.6	-	159.0	42.1	15.4
HMAS Cerberus Redevelopment						
HMAS Cerberus	VIC - Flinders		465.6	456.5	2.6	-
Total		465.6	456.5	2.6	-	4.4
HMAS Watson Redevelopment						
HMAS Watson	NSW - Wentworth		430.5	197.1	55.7	47.0
Total		430.5	197.1	55.7	47.0	56.5
Airfield Capital Works P0010 (Amberley, Pearce, Richmond and Albatross)						
HMAS Albatross	NSW - Gilmore		0.0	70.0	61.7	23.5
RAAF Richmond	NSW - Macquarie		0.0	-	56.0	3.7
RAAF Amberley	QLD - Blair		0.0	80.0	29.2	19.4
RAAF Pearce	WA - Pearce		0.0	98.1	50.2	14.2
Total		427.9	0.2	248.1	197.1	60.8
Facilities to Support AIR 7000 Phase 1B Remotely Piloted Aircraft System						
RAAF Tindal	NT - Lingiari		27.0	117.8	27.9	88.6
Edinburgh Defence Precinct	SA - Spence		3.9	45.0	57.9	35.2
Total		427.2	30.9	162.8	85.8	123.8
Robertson Barracks Base Improvements Project						
Robertson Barracks	NT - Lingiari		389.1	2.3	100.1	36.6
Total		389.1	2.3	100.1	36.6	7.8
Airfield Maintenance Works P0009 (RAAF Darwin and Mount Bunder)						
RAAF Darwin	NT - Solomon		-	-	73.5	166.9
Mount Bunder	NT - Lingiari		-	-	1.5	-
Total		351.7	-	-	75.0	166.9
Edinburgh Defence Precinct Mid-Term Refresh						
RAAF Edinburgh	SA - Spence		311.9	-	-	5.9
Total		311.9	-	-	112.7	5.9
AIR 555 Phase 1 Airborne Intelligence Surveillance Reconnaissance Electronic Warfare Capability Facilities Works						
Territory of Cocos (Keeling) Islands	NT - Lingiari		4.0	8.7	12.4	16.4
RAAF Darwin	NT - Solomon		1.1	0.0	-	0.0
RAAF Townsville	QLD - Herbert		3.7	7.2	8.0	8.7
RAAF Edinburgh	SA - Spence		164.6	76.9	47.7	60.6
Total		293.7	173.4	92.8	68.1	85.8
Defence Fuel Transformation Program - Tranche 2 Facilities Program						
HMAS Creswell	ACT - Fenner		-	-	-	0.0
Garden Island Defence Precinct	NSW - Sydney		-	-	-	0.5
HMAS Albatross	NSW - Gilmore		-	-	-	-
HMAS Waterhen	NSW - North Sydney		-	-	-	0.0
Holsworthy Barracks	NSW - Hughes		-	-	-	0.1
RAAF Williamtown	NSW - Paterson		-	-	-	0.0
RAAF Darwin	NT - Solomon		-	-	-	-
RAAF Tindal	NT - Lingiari		-	-	-	0.2
Borneo Barracks	QLD - Groom		-	-	-	0.0
Longreach	QLD - Maranoa		-	-	-	-
Lavarack Barracks	QLD - Herbert		-	-	-	-
RAAF Amberley	QLD - Blair		-	-	-	0.2
RAAF Townsville	QLD - Herbert		-	-	-	0.3
Port Wakefield	SA - Grev		-	-	-	0.2
RAAF Edinburgh	SA - Spence		-	-	-	-
Puckapunyal Military Area	VIC - Nicholls		-	-	-	0.2
Army Testing Ground Monceetta	VIC - McEwen		-	-	-	-
RAAF Learmonth	WA - Durack		-	-	-	2.3
Geakidion	WA - Durack		-	-	-	0.0
Laverton	WA - O'Connor		-	-	-	0.0
HMAS Stirling	WA - Brand		-	-	-	-
Total		286.9	0.0	0.0	0.0	4.1
Garden Island (East) Critical Infrastructure Recovery Program (CIRP) Stage 2						
Garden Island Defence Precinct	NSW - Sydney		286.5	263.5	12.3	19.0
Total		286.5	263.5	12.3	19.0	20.1
Facilities to Support JP 9101 Enhanced Defence Communications						
Lyndoch	NSW - Riverina		-	-	-	-
Morundah	NSW - Farrer		-	-	6.5	0.0
RAAF Darwin	NT - Solomon		-	-	-	0.0
Humpty Doo	NT - Lingiari		-	-	-	0.1

Web Table E.9: Approved Major and Medium Enterprise Estate and Infrastructure Program Project Expenditure in 2023-24

Project ⁽¹⁾	State/Territory and Federal Electorate	Total Estimated Expenditure \$m ^{(2) (3) (4)}	Cumulative Expenditure to 30 June 2023 \$m ^{(2) (3) (4)}	2023-24 Budget Estimate \$m ^{(2) (3) (4)}	2023-24 Revised Estimate \$m ^{(2) (3) (4)}	2023-24 Actual Expenditure \$m ^{(2) (3) (4)}
Mount Bundeby	NT - Lingiari		-	-	-	0.3
Shoal Bay	NT - Lingiari		-	-	-	-
Bohle River	QLD - Herbert		-	-	14.6	0.2
Speed Creek	QLD - Kennedy		-	-	-	-
Exmouth	WA - Durack		-	-	-	0.1
Rough Range	WA - Durack		-	-	-	-
HMAS Harman	ACT - Bean		-	-	-	-
Russell Offices	ACT - Canberra		-	-	-	-
Total		280.3	-	-	21.1	0.7
Facilities to Support LAND 19 Phase 7B Short Range Ground Based Air Defence						
RAAF Edinburgh	SA - Spence					
Total		266.1	9.3	116.2	84.3	107.1
Joint Health Command Garrison Facilities Upgrades						
Simpson Barracks	VIC - Jagajaga		19.9	-	-	0.0
Puckapunyal Training Area	VIC - Nicholls		19.0	-	-	-
Albury-Wodonga Military Area	VIC - Indi		17.3	-	-	-
Royal Military College Canberra	ACT - Canberra		49.5	-	-	-
Russell Offices	ACT - Canberra		-	-	-	-
Holsworthy Barracks	NSW - Hughes		8.0	-	-	-
Robertson Barracks	NT - Lingiari		5.1	-	-	-
Larrakeyah Barracks	NT - Solomon		14.9	-	-	-
Army Aviation Centre Oakey	QLD - Groom		18.6	-	-	-
Gallipoli Barracks	QLD - Ryan		11.2	-	-	-
Campbell Barracks	WA - Curtin		17.2	-	-	-
RAAF Townsville	QLD - Herbert		15.4	-	-	-
RAAF Pearce	WA - Pearce		5.7	-	-	-
RAAF Darwin	NT - Solomon		8.4	3.0	11.5	29.3
Total		251.8	210.2	3.0	11.5	29.3
Armoured Fighting Vehicles Facilities Program Stage 1						
Lavarack Barracks	QLD - Herbert		31.5	-	1.2	1.2
Edinburgh Defence Precinct	SA - Spence		52.0	10.0	17.6	24.4
Puckapunyal Military Area	VIC - Nicholls		89.4	4.8	13.2	14.2
Total		248.5	173.0	14.8	32.0	39.9
Navy Capability Infrastructure Sub-program: Maritime Operational Support Capability Facilities (SEA 1654 Phase 3)						
HMAS Stirling	WA - Brand		154.1	27.3	16.0	13.3
Randwick Barracks	NSW - Kingsford Smith		26.4	-	-	0.0
Garden Island Defence Precinct	NSW - Sydney		-	-	-	0.0
Total		208.5	180.5	27.3	16.0	13.3
Land 121 Phase 5B Facilities Project						
Lavarack Barracks	QLD - Herbert		7.0	-	-	0.0
Robertson Barracks	NT - Lingiari		-	-	-	0.0
Gallipoli Barracks	QLD - Ryan		89.7	16.3	16.6	11.8
Derwent Barracks	TAS - Clark		16.9	0.0	0.1	0.3
Puckapunyal Military Area	VIC - Nicholls		9.0	-	-	0.0
Campbell Barracks	WA - Curtin		31.5	4.8	1.7	4.0
Porton Barracks	QLD - Kerneidy		0.1	-	-	0.0
Total		183.3	154.2	21.1	18.4	16.0
Airfield Capital Works P0008 (RAAF Williamtown)						
RAAF Williamtown	NSW - Paterson					
Total		181.3	132.0	9.3	41.0	43.6
Fishermans Bend Redevelopment						
Fishermans Bend	VIC - Macnamara					
Total		160.9	-	-	12.4	6.5
RAAF Base Darwin Mid-Term Refresh						
RAAF Darwin	NT - Solomon					
Total		159.9	-	-	-	0.0
DEF101 Data Centre Upgrade						
HMAS Harman	ACT - Bean					
Total		131.5	117.0	8.3	8.5	5.9
Airfield Capital Works P0012 (RAAF Townsville)						
RAAF Townsville	QLD - Herbert					
Total		127.6	-	-	-	0.2
HMAS Harman Redevelopment						
HMAS Harman	ACT - Bean					
Total		116.4	0.9	67.9	19.5	0.8
Airfield Capital Works P0006 (Curtin, Tindal and Townsville)						
RAAF Townsville	QLD - Herbert		1.0	13.0	12.4	-
RAAF Curtin	WA - Durack		15.2	-	-	-
RAAF Tindal	NT - Lingiari		47.5	-	-	-
Total		95.3	63.7	13.0	12.4	0.0
Cullana Training Area Redevelopment Phase 2						
Cullana Training Area	SA - Grey					
Total		79.8	-	72.9	10.4	1.3
DEF 01 Submarine Rotational Force - West Infrastructure Project Priority Works						
HMAS Stirling	WA - Brand					
Total		74.9	-	-	-	26.7
North Queensland Mid-Term Refresh Program: RAAF Townsville Mid-Term Refresh Project						
RAAF Townsville	QLD - Herbert					
Total		72.8	3.6	27.3	24.4	28.8
GWEO Program Accelerated Storage						
Defence Establishment Mvambat	NSW - Hunter					
Total		62.4	-	-	31.1	0.4
AIR 2025 Phase 6 Jindalee Operational Radar Networks (JORN) Facilities Project						
Alice Springs	NT - Lingiari		52.4	-	0.4	2.9
Murray Bridge Training Area	SA - Barker		1.4	-	0.0	-
RAAF Learmonth	WA - Durack		-	-	0.0	-
Geraldton	WA - Durack		3.2	0.1	0.0	-
Total		61.9	57.0	0.1	0.5	2.9
Facilities to Support SEA 2273 Fleet Information Environment Modernisation Project						
HMAS Kuttabul	NSW - Sydney		0.4	2.4	3.7	4.2
HMAS Cerberus	VIC - Flinders		0.5	-	-	-
HMAS Stirling	WA - Brand		8.8	9.0	10.0	15.2
HMAS Coonawarra	NT - Solomon		1.7	0.9	2.9	0.1
HMAS Cairns	QLD - Leichardt		0.3	-	-	-
Total		58.6	11.7	12.3	16.6	19.5
Anglesea Paterson Project						
Anglesea Barracks	TAS - Clark		1.4	9.9	16.6	15.2
North Launceston	TAS - Bass		0.5	9.1	5.7	0.8
Youngtown Depot	TAS - Bass		1.0	14.3	1.1	0.1
Total		57.4	2.9	33.3	23.4	16.1
GWEO Storage Tranche 1						
RAAF Amberley	QLD - Blair				8.4	6.4
HMAS Stirling	WA - Brand				7.0	6.1
Total		52.2	-	-	15.4	12.5
Facilities to Support LAND 129 Phase 3 Tactical Unmanned Aerial Vehicles						
Gallipoli Barracks	QLD - Ryan					
Total		51.7	1.1	30.1	20.8	8.9
LAND 4502 Phase 1 Additional CH-47F Chinook Facilities						
RAAF Townsville	QLD - Herbert					
Total		49.9	43.1	4.3	8.9	8.5
GWEO Program Accelerated Storage						
Defence Establishment Jennings	NSW - Lismore					
Total		47.3	-	-	25.9	0.8
Puckapunyal Mid-Term Refresh						
Puckapunyal Military Area	VIC - Nicholls					
Total		45.8	35.5	0.1	4.4	6.7
RAAF Base Amberley Sewage Treatment Plant						
RAAF Amberley	QLD - Blair					
Total		41.7	5.5	13.2	22.2	18.1

Web Table E.9: Approved Major and Medium Enterprise Estate and Infrastructure Program Project Expenditure in 2023–24

Project ⁽¹⁾	State/Territory and Federal Electorate	Total Estimated Expenditure \$m ^{(2) (3) (4)}	Cumulative Expenditure to 30 June 2023 \$m ^{(2) (3) (4)}	2023-24 Budget Estimate \$m ^{(2) (3) (4)}	2023-24 Revised Estimate \$m ^{(2) (3) (4)}	2023-24 Actual Expenditure \$m ^{(2) (3) (4)}
Puckapunyal Health and Wellbeing Centre						
Puckapunyal Military Area	VIC - Nicholls					
Total		39.8	32.8	0.0	-	1.4
Facilities to Support LAND 8116 Phase 1 Protected Mobile Fires						
Lavarack Barracks	QLD - Herbert					1.1
Puckapunyal Military Area	VIC - Nicholls					0.0
Total		36.5	-	-	-	1.1
Relocation of Units from Elizabeth North Training Depot						
Edinburgh Defence Precinct	SA - Spence					
Total		35.4	-	-	15.1	2.3
Facilities to Support LAND 3025 Phase 2 Deployable Special Operations Engineer Regiment						
Holsworthy Barracks	NSW - Hughes					
Total		30.7	1.7	20.2	21.4	9.7
HMAS Creswell Mid-Term Refresh Project						
HMAS Creswell	ACT - Fenner					
Total		30.7	0.0	6.7	16.5	11.0
HMAS Waterhen Mid-Term Refresh Project						
HMAS Waterhen	NSW - North Sydney					
Total		23.4	2.0	1.0	-	0.2
LAND 2110 Phase 1B - Chemical, Biological, Radiological and Nuclear Defence Facilities						
HMAS Stirling	WA - Brand		0.8	-	-	-
Bindoon Training Area	WA - Pearce		0.5	-	-	-
Robertson Barracks	NT - Lingiari		0.6	-	-	-
RAAF Edinburgh	SA - Spence		0.4	-	-	-
Lavarack Barracks	QLD - Herbert		0.5	-	-	-
Gallipoli Barracks	QLD - Ryan		0.3	-	-	-
RAAF Amberley	QLD - Blair		0.4	-	-	-
Holsworthy Barracks	NSW - Hughes		1.1	-	0.2	-
Kapooka Military Area	NSW - Riverina		2.6	-	2.6	2.8
RAAF Wagga	NSW - Riverina		0.5	-	0.1	0.4
HMAS Creswell	ACT - Fenner		0.5	-	0.2	0.1
Maiura Range	ACT - Canberra		0.7	-	0.1	0.7
HMAS Cerberus	VIC - Flinders		0.8	-	0.2	-
Dutton Air Weapons Range	VIC - Gippsland		0.8	0.1	0.2	0.3
Total		23.1	10.6	0.1	3.6	4.3
North Queensland Mid-Term Refresh Program: Townsville Field Training Area Mid-Term Refresh Project						
Townsville Field Training Area	QLD - Kennedy					
Total		22.8	1.4	16.4	16.9	13.5
Space Domain Awareness Project Mirror Recoating Facility						
Harold E Holt	WA - Durack					
Total		17.6	10.5	0.0	-	3.4
Facilities for A Company 41st Royal New South Wales Regiment Tweed Heads Region						
Tweed Heads	NSW - Richmond					
Total		17.4	1.1	12.4	12.7	12.1
North Queensland Mid-Term Refresh Program: HMAS Cairns Mid-Term Refresh Project						
HMAS Cairns	QLD - Leichardt					
Total		15.6	1.1	10.8	7.9	8.7
Facilities to Support JP 8190 Phase 1 Deployable Bulk Fuel Distribution						
Lavarack Barracks	QLD - Herbert		-	-	0.7	0.1
RAAF Amberley	QLD - Blair		-	-	0.7	0.1
Cowley Beach Training Area	QLD - Kennedy		-	-	0.7	-
Greenbank Training Area	QLD - Wright		-	-	0.7	-
Townsville Field Training Area	QLD - Kennedy		-	-	-	-
Total		15.0	-	-	2.6	0.2
Facilities to Support LAND 159 Phase 1 Lethality Systems						
Greenbank Training Area	QLD - Wright					
Total		8.2	-	-	-	1.0
DEF 9358 Phase 1 Facilities						
Borneo Barracks	QLD - Groom					
Total		8.1	-	-	8.1	6.0
RAAF Base Pearce Additional Flight Training Device						
RAAF Pearce	WA - Durack					
Total		7.2	-	-	5.7	1.7
Military Working Dogs Kennel Facility						
RAAF Tindal	NT - Lingiari					
Total		6.8	1.0	5.5	-	-
2nd Combat Engineer Regiment Compensatory Hardstand Project						
Gallipoli Barracks	QLD - Ryan					
Total		6.5	2.3	0.0	0.5	0.1
Facilities to Support SEA 9100 Phase 1 Improved Embarked Logistics Support Helicopter Tranche 1						
HMAS Albatross	NSW - Gilmore					
Total		5.1	-	-	2.4	-
Defects Liability Period⁽⁵⁾						
Total		15,556.1	6,521.7	2,426.3	1,988.6	1,969.6

Notes

- Table captures projects reflected in Appendix D of the 2023-24 Portfolio Budget Statements, Appendix D of the 2023-24 Portfolio Additional Estimates Statements, and projects approved in 2023-24 after publication of the 2023-24 Portfolio Additional Estimates Statements.
- All figures are as at 30 June 2024.
- Figures shown as 0.0 are amounts greater than \$0 but less than \$50,000.
- Sum of the individual figures may differ to the totals due to rounding.
- Projects in or after to enter the Defects Liability Period captures projects in or about to enter the Defects Liability Period post-construction completion.