




















List of government space agencies

This is a list of [government agencies](#) engaged in activities related to [outer space](#) and [space exploration](#). (There is also a [List of private spaceflight companies](#).) As of 2018, 72 different government space agencies are in existence; 14 of those have launch capability. Six government space agencies—the [China National Space Administration](#) (CNSA), the [European Space Agency](#) (ESA), the [Indian Space Research Organization](#) (ISRO), the [Japan Aerospace Exploration Agency](#) (JAXA), the [National Aeronautics and Space Administration](#) (NASA), and the [Russian Federal Space Agency](#) (RFSA or Roscosmos)—have full launch capabilities; these include the ability to launch and recover multiple satellites, deploy cryogenic rocket engines and operate extraterrestrial probes. The name given is the English version, with the native language version below. The acronym given is the most common acronym: this can either be the acronym of the English version (e.g. JAXA), or the acronym in the native language. Where there are multiple acronyms in common use, the English one is given first. The date of the founding of the space agency is the date of first operations where applicable. If the space agency is no longer running, then the date when it was terminated (i.e. the last day of operations) is given. A link to the Agency's primary website is also given.

List of space agencies




Chart on Wikipedia is color-coded.

Name	Initialisms /Acronym	Country	Founded	Terminated	Capabilities of the space agency			
					Astronauts	Operates Satellites	Sounding Rockets capable	Recoverable Biological Sounding Rockets capable
Air Force Space Command	AFSPC	 United States	15 September 1985	—	Yes	Yes	Yes	No
Australian Space Agency	ASA	 Australia	1st July 2018	—	No	Yes	No	No
Belarus Space Agency	BSA	 Belarus	2010	—	No	No	Yes	No
Central American Association for Aeronautics and Space <i>(Spanish: Asociación Centroamericana de Aeronáutica y el Espacio)</i>	ACAE	 Costa Rica	2010	—	No	Yes	No	No
Aeronautics and Space Research and Diffusion Center ^{[<i>citation needed</i>]} <i>(Spanish: Centro de Investigación y Difusión Aeronáutico-Espacial)</i>	CIDA-E	 Uruguay	5 August 1975	—	No	No	No	No
Mexican Space Agency <i>(Spanish: Agencia Espacial Mexicana)</i>	AEM	 Mexico	30 July 2010	—	Yes	Yes	Yes	No
Algerian Space Agency <i>French: Agence Spatiale Algérienne</i> <i>Berber: Tafullut Tadzayrit n Tallunt</i> <i>Arabic: الوكالة الفضائية الجزائرية</i>	ASAL	 Algeria	16 January 2002	—	No	Yes	No	No
Asia Pacific Multilateral Cooperation in Space Technology and Applications ^{[<i>citation needed</i>]} <i>(Chinese: 亚太空间技术应用多边合作会议)</i>	AP-MCSTA	show International	February 1992	—	No	Yes	No	No
Asia-Pacific Space Cooperation Organization <i>Chinese: 亚太空间合作组织</i>	APSCO	show International	28 October 2005	—	No	Yes	No	No
<i>German: Agentur für Luft- und Raumfahrt</i> (Aeronautics and Space Agency); <i>also Austrian Space Agency;</i> (Austrian Solar and Space Agency 1977–1987)	ALR	 Austria	12 July 1972	—	No	No	No	No
<i>Azerbaijani: Azərbaycan Milli Aerokosmik Agentliyinin</i> (Azerbaijan National Aerospace Agency) (Azerbaijan National Aerospace Agency 1974–2013 AzerCosmos ^{[10]})	AMAKA	 Azerbaijan	21 February 1974	—	No	Yes	No	No

Bahrain's National Space Science Agency (NSSA)	NSSA	 Bahrain	9 April 2014	—	No	No	No	No
<i>Dutch: Belgisch Instituut voor Ruimte-Aëronomie</i> <i>French: Institut d'Aéronomie Spatiale de Belgique</i> (Belgian Institute for Space Aeronomy)	BIRA IASB BISA	 Belgium	25 November 1964	—	Yes	No	No	No
<i>Spanish: Agencia Bolivariana para Actividades Espaciales</i> (Bolivarian Agency for Space Activities)	ABAE	 Venezuela	1 January 2008	—	No	Yes	No	No
<i>Portuguese: Agência Espacial Brasileira</i> (Brazilian Space Agency)	AEB	 Brazil	10 February 1994	—	Yes	Yes	Yes ^[14]	No
UK Space Agency	UKSA	 United Kingdom	1 April 2010	—	Yes	Yes	Yes	Yes
Bolivian Space Agency <i>Spanish: Agencia Boliviana Espacial</i>	ABE	 Bolivia	2012	—	No	Yes	No	No
<i>Bulgarian: Българска академия на науките</i> (Space Research Institute, Solar-Terrestrial Influences Institute) Bulgarian Space Agency	ИКИ-БАН SRI-BAS ИСЗВ-БАН STIL-BAS	 Bulgaria	1987	—	Yes	Yes	No	No
Canadian Space Agency <i>French: Agence spatiale canadienne</i>	CSA ASC	 Canada	1 March 1989	—	Yes	Yes	Yes	No
China National Space Administration (<i>Chinese: 国家航天局</i>)	CNSA	 China	22 April 1993	—	Yes	Yes	Yes	Yes
<i>Spanish: Comisión Colombiana del Espacio</i> (Colombian Space Commission)	CCE	 Colombia	18 July 2006	—	No	Yes	No	No
Centre for Remote Imaging, Sensing and Processing ^[citation needed]	CRISP	 Singapore	1995	—	No	Yes	No	No
Consultative Committee for Space Data Systems	CCSDS	show International	1982	—	No	No	No	No
Committee on Space Research	COSPAR	show International	1958	—	No	No	No	No
<i>Czech: Ministerstvo dopravy České republiky</i> (Ministry of Transport of the Czech Republic - Space Technologies and Satellite Systems Department) ^{[citation needed][26]}	^[1] Ministry of Transport of the Czech Republic	 Czech Republic	2003 ^[citation needed]	—	No	No	No	No
<i>Danish: Danmarks Rumcenter</i> (Danish National Space Center)	DRC DNSC	 Denmark	1 January 1968	31 December 2006	Yes	No	No	No
<i>Danish: Dansk Rumforskningsinstitut</i> (Danish Space Research Institute)	DRK ^[permanent dead link] DSRI	 Denmark	1 January 2005	31 December 2006	No	Yes	No	No
European Space Agency <i>French: Agence spatiale européenne</i> <i>German: Europäische Weltraumorganisation</i>	ESA ASE EWO	show ESA	31 May 1975	—	Yes	Yes	Yes	Yes
Geo-Informatics and Space Technology Development Agency (<i>Thai: สำนักงานพัฒนาเทคโนโลยีอวกาศและภูมิสารสนเทศ</i>)	GISTDA สทอภ	 Thailand	3 November 2002	—	No	Yes	No	No
<i>German: Deutsches Zentrum für Luft- und Raumfahrt</i> (German Aerospace Center)	DLR	 Germany	1969	—	Yes	Yes	Yes	No

Hungarian: Magyar Űrkutatási Iroda (Hungarian Space Office)	MŰI HSO	 Hungary	January 1992	—	No	Yes	No	No
Indian Space Research Organisation (Hindi: भारतीय अंतरिक्ष अनुसंधान संगठन)	ISRO इसरो	 India	15 August 1969	—	Yes	Yes	Yes	Yes
Greek: Ινστιτούτο Διαστημικών Εφαρμογών και Τηλεπισκόπησης (Institute for Space Applications and Remote Sensing)	ΙΑΕΤ ISARS	 Greece	1955	—	No	Yes	No	No
Instituto Nacional de Técnica Aeroespacial	INTA	 Spain	1942	—	Yes	Yes	Yes	No
Iranian Space Agency (Persian: سازمان فضایی ایران)	ISA	 Iran	2003	—	No	Yes	Yes	Yes
Israeli Space Agency (Hebrew: סוכנות החלל הישראלית)	ISA ה"ס	 Israel	April 1983	—	Yes	Yes	Yes	No
Italian Space Agency (Italian: Agenzia Spaziale Italiana)	ASI	 Italy	1988	—	Yes	Yes	Yes	No
Japan Aerospace Exploration Agency (Japanese: 宇宙航空研究開発機構)	JAXA	 Japan	1 October 2003	—	Yes	Yes	Yes	Yes
National Space Agency (KazCosmos); Kazakh Space Research Institute	NSA (KazCosmos); SRI	 Kazakhstan	1991	—	Yes	Yes	No	No
New Zealand Space Agency	NZSA	 New Zealand	April 2016	—	No	No	No	No
Korean Committee of Space Technology (Korean: 조선우주공간기술위원회)	KCST	 North Korea	1980s	2013	No	Yes	Yes	No
National Aerospace Development Administration (Korean: 국가우주개발국)	NADA	 North Korea	2013	—	No	Yes	Yes	No
Korea Aerospace Research Institute (Korean: 한국항공우주연구원)	KARI	 South Korea	10 October 1989	—	Yes	Yes	Yes	No
Lithuanian Space Association ^{citation needed}	LSA	 Lithuania	2007	—	No	Yes	No	No
Malaysian National Space Agency (Malay: Agensi Angkasa Negara)	ANGKASA	 Malaysia	2002	—	Yes	Yes	No	No
National Aeronautics and Space Administration	NASA	 United States	1 October 1958	—	Yes	Yes	Yes	Yes
National Authority for Remote Sensing and Space Sciences (Arabic: الهيئة العامة للاستشعار عن بعد وعلوم الفضاء)	NARSS	 Egypt	1994	—	No	Yes	No	No
French: Centre National d'Études Spatiales (National Center of Space Research)	CNES	 France	19 December 1961	—	Yes	Yes	Yes	No
Paraguayan Space Agency (Spanish: Agencia Espacial del Paraguay)	AEP	 Paraguay	26 March 2014	—	No	No	No	No
Spanish: Comisión Nacional de Investigación y Desarrollo Aeroespacial (National Commission for Aerospace Research and Development)	CONIDA	 Peru	11 June 1974	—	No	Yes	Yes	No





Spanish: <i>Comisión Nacional de Investigaciones Espaciales</i> (National Commission for Space Research)	CNIE	 Argentina	1961	1991	No	No	Yes	Yes
Spanish: <i>Comisión Nacional de Actividades Espaciales</i> (National Space Activities Commission)	CONAE	 Argentina	28 May 1991	—	No	Yes	Yes	No
Indonesian: <i>Lembaga Antariksa dan Penerbangan Nasional</i> (National Institute of Aeronautics and Space)	LAPAN	 Indonesia	27 November 1964	—	Yes	Yes	Yes	No
National Remote Sensing Center of Mongolia ^[citation needed]	NRSC	 Mongolia	1987	—	No	No	No	No
French: <i>Centre national de la cartographie et de la télédétection</i> Arabic: المركز الوطني للإستشعار عن بعد (National Remote Sensing Center of Tunisia) ^[citation needed]	CNT	 Tunisia	1988	—	No	No	No	No
Uzbek State Space Research Agency (UzbekCosmos)	USSRA (UzbekCosmos)	 Uzbekistan	2001	—	No	No	No	No
Ukrainian: Національне космічне агентство України (National Space Agency of Ukraine)	HKAY NSAU	 Ukraine	2 March 1992	—	Yes	Yes	Yes	No
National Space Organization (Chinese: 國家太空中心)	NSPO	 Republic of China (Taiwan)	3 October 1991	—	No	Yes	Yes	No
National Space Research and Development Agency	NASRDA	 Nigeria	1998	—	No	Yes	No	No
Dutch: <i>Stichting Ruimteonderzoek Nederland</i> (Institute for Space Research Netherlands)	SRON	 Netherlands	1983	—	Yes	Yes	No	No
Norwegian: <i>Norsk Romsenter</i> (Norwegian Space Centre)	NRS NSC	 Norway	1987	—	No	Yes	Yes	No
Pakistan Space and Upper Atmosphere Research Commission (Urdu: پاکستان خلابی و بالا فضائی کمیٹی)	SUPARCO	 Pakistan	16 September 1961	—	No	Yes	Yes	No
Portuguese: <i>Gabinete do Espaço da FCT</i> (FCT Space Office) ^[citation needed]	[58] FCT SO	 Portugal	2009	—	No	No	No	No
Romanian: <i>Agenția Spațială Română</i> (Romanian Space Agency)	ASR ROSA	 Romania	1991	—	Yes	Yes	No	No
former <i>Egypt Remote Sensing Center</i>	EASRT-RSC	 Egypt	1971	1994	No	No	No	No
French: <i>Centre Royal de Télédétection Spatiale</i> Berber: Ammas Amrrukan n Tallunt Arabic: المركز الملكي للإستشعار الفضائي (Royal Center for Remote Sensing) ^[citation needed]	CRTS	 Morocco	December 1989	—	No	Yes	No	No
Russian: Федеральное космическое агентство (Russian Federal Space Agency)	ROSCOSMOS	 Russia	c.1992	—	Yes	Yes	Yes	Yes

Sri Lanka Space Agency <small>[citation needed]</small>	SLSA	 Sri Lanka	2010 (Proposed) <small>[needs update]</small>	—	No	Yes	No	No
Turkish: <i>TÜBİTAK Uzay Teknolojileri Araştırma Enstitüsü (TÜBİTAK UZAY)</i> (TUBITAK Space Technologies Research Institute)	TÜBİTAK UZAY	 Turkey	1985	—	Yes	Yes	No	No
Russian: Советская космическая программа (Soviet space program)	CCCP	 Soviet Union	ca. 1955	ca. 1991	Yes	Yes	Yes	Yes
Space Research and Remote Sensing Organization	SPARRSO	 Bangladesh	1980	—	No	No	No	No
Polish: <i>Polska Agencja Kosmiczna POLSA</i> (Polish Space Agency)	POLSA POLSA	 Poland	2014	—	Yes	Yes	No	No
South African National Space Agency	SANSA	 South Africa	9 December 2010	—	No	No	No	No
Space Research Institute of Saudi Arabia <small>[citation needed]</small> (Arabic: معهد بحوث الفضاء)	KACST-SRI	 Saudi Arabia	—	—	No	Yes	No	No
Vietnamese: <i>Viện Công nghệ vũ trụ Việt Nam</i> (Space Technology Institute (Vietnam))	CNVT or STI VAST-STI	 Vietnam	20 November 2006	—	Yes	Yes	No	No
Swedish: <i>Rymdstyrelsen</i> (Swedish National Space Agency)	SNSA	 Sweden	1972	—	Yes	Yes	Yes	No
Swiss Space Office	SSO	 Switzerland	1998	—	No	No	No	No
Turkmenistan National Space Agency		 Turkmenistan	2011	—	No	No	No	No
United Nations Office for Outer Space Affairs	UNOOSA	 United Nations	13 December 1958	—	—	—	—	—
United Nations Committee on the Peaceful Uses of Outer Space	UNCOPUOS	 show	12 December 1959	—	—	—	—	—
United Arab Emirates Space Agency (Arabic: وكالة الإمارات للفضاء)	UAESA	 United Arab Emirates	2014	—	No	Yes	No	No
Mohammed bin Rashid Space Centre (Arabic: على مركز محمد بن راشد للفضاء)	MBRSC	 Dubai, United Arab Emirates	6 February 2006 (as EIAST) 2015 (as MBRSC)	—	No	Yes	No	No





List of space agencies with launch capability

Space agency		Country	Founded	Terminated	Capabilities of the space agency				
Name	Acronym				Launch Capable	Multiple Satellites Launch capable	Developed and Deployed Cryogenic Rocket Engines	Operates Extraterrestrial Probe	Recoverable Satellites capable
Air Force Space Command	AFSPC	 United States	15 Sept. 1985	—	Yes	Yes	Yes	No	Yes
China National Space Administration (Chinese: 中华人民共和国国家航天局)	CNSA	 People's Republic of China	22 April 1993	—	Yes	Yes	Yes	Yes	Yes
European Space Agency (French: <i>Agence spatiale européenne</i>) (German: <i>Europäische Weltraumorganisation</i>)	ESA ASE EWO	show ESA	31 May 1975	—	Yes	Yes	Yes	Yes	Yes
Iranian Space Agency (Persian: سازمان فضایی ایران)	ISA ISA	 Iran	2003	—	Yes	No	No	No	No
Israeli Space Agency (Hebrew: סוכנות החלל הישראלית) (Arabic: وكالة الفضاء الإسرائيلية)	ISA סל"ה	 Israel	April 1983	—	Yes	No	No	No	No
Italian Space Agency (Italian: <i>Agenzia Spaziale Italiana</i>)	ASI	 Italy	1988	—	Yes	Yes	No	No	No
National Aerospace Development Administration (Korean: 조선우주공간기술위원회)	KCST	 North Korea	1980s	—	Yes	No	No	No	No
Korea Aerospace Research Institute (Korean: 한국항공우주연구원)	KARI 항우연	 South Korea	October 1989	—	Yes	No	No	No	No
Indian Space Research Organisation (Hindi: भारतीय अंतरिक्ष अनुसंधान संगठन)	ISRO इसरो	 India	15 August 1969	—	Yes	Yes	Yes	Yes	Yes
Japan Aerospace Exploration Agency (Japanese: 宇宙航空研究開発機構)	JAXA	 Japan	1 October 2003	—	Yes	Yes	Yes	Yes	Yes
National Aeronautics and Space Administration	NASA	 United States	1 October 1958	—	Yes	Yes	Yes	Yes	Yes
French: <i>Centre National d'Études Spatiales</i> (National Center of Space Research)	CNES	 France	19 Dec. 1961	—	Yes	Yes	Yes	No	No
Ukrainian: Національне космічне агентство України (National Space Agency of Ukraine)	HKAY NSAU	 Ukraine	2 March 1992	—	Yes	Yes	No	No	No
Russian: Федеральное космическое агентство (Russian Federal Space Agency (Roscosmos))	ROSCOSMOS RFSA	 Russia	ca. 1992	—	Yes	Yes	Yes	Yes	Yes
Russian: Советская космическая программа (Soviet space program)	CCCP	 Soviet Union	ca. 1955	ca. 1991	Yes	Yes	Yes	Yes	Yes

List of space agencies with human spaceflight capability

Space agency		Country	Founded	Terminated	Accomplished tasks by the space agency				
Name	Acronym				Human Spaceflight capable	Human Space launch capable	Spacewalk capable	Space Rendezvous and Docking capable	Operates Space Station
China National Space Administration <small>(Chinese: 中华人民共和国国家航天局)</small>	CNSA	 People's Republic of China	April 22, 1993	—	Yes	Yes	Yes	Yes	Yes
<small>Russian: Федеральное космическое агентство</small> (Russian Federal Space Agency)	ROSCOSMOS RFSA	 Russia	December 26, 1991 Dissolution of Soviet Union	—	Yes	Yes	Yes	Yes	Yes
National Aeronautics and Space Administration	NASA	 United States	October 1, 1958	—	July 8, 2011 last	July 8, 2011 last	Yes	July 19, 2011 last	Yes
<small>Russian: Советская космическая программа</small> (Soviet space program)	CCCP	 Soviet Union	July 22, 1951	December 26, 1991 Dissolution of Soviet Union	October 2, 1991 last	October 2, 1991 last	July 27, 1991 last	December 26, 1991 last	December 26, 1991 last

List of space agencies with lunar landing capability [\[edit\]](#)

Space agency		Country	Founded	Terminated	Accomplished tasks by the space agency					Manned Moon Landing and sample return
Name	Acronym				Circumlunar Manned Spaceflight	Controlled impact with Lunar surface	Unmanned Moon Soft Landing	Unmanned (automated) lunar rover operation	Automated Lunar sample return mission	
China National Space Administration <small>(Chinese: 中华人民共和国国家航天局)</small>	CNSA	 People's Republic of China	22 April 1993	—	No	Yes	Yes	Yes	No	No
Indian Space Research Organisation <small>(Hindi: भारतीय अंतरिक्ष अनुसंधान संगठन)</small>	ISRO इसरो	 India	15 August 1969	—	No	Yes	No	No	No	No
National Aeronautics and Space Administration	NASA	 United States	1 October 1958	—	Yes	Yes	Yes	No ^[75]	No ^[76]	Yes
<small>Russian: Советская космическая программа</small> (Soviet space program)	СССР	 Soviet Union	ca. 1955	ca. 1991	No	Yes	Yes	Yes ^[77]	Yes ^{[78][79]}	No













Expected and proposed future space agencies [\[edit\]](#)

Space agency		Country	Possible expected date of foundation	Current status	Ref(s)
Name	Acronym				
Philippine Space Agency	PhilSA	 Philippines	—	Approved for creation in December 2018 under House Bill No. 8541. It will be attached to the Department of Science and Technology (DOST) and a Philippine Space Development Fund was created to fund its operation. 30 hectares of land has been allocated within the Clark Special Economic Zone in Pampanga and Tarlac as the official site of PhilSA.	[81] [82] [83]
Sri Lanka Aeronautics and Space Agency	SLASA	 Sri Lanka		Immediate goal is to construct and launch two satellites. Sri Lankan Telecommunications Regulatory Commission has signed an agreement with Surrey Satellite Technology Ltd to get relevant help and resources.	[84] [85]
African Space Agency	AfriSpace	African Union	—	Proposed in 2015	[86] [87] [88] [89]
Pan-Arab Space Agency	PASA	 Arab League	—	Stalled. Proposed in 2009, at progress stage.	[90]
South American Space Agency		 South America	—	Proposed in 2011, at progress stage	[91]

Budgets

The annual budgets listed are the official budgets for national space agencies available in public domain. The budgets are not normalized to the expenses of space research in different countries, i.e. higher budget does not necessarily mean more activity or better performance in space exploration. ^{[92][93]} Note also that budget could be used for different projects: e.g. GPS is maintained from the US defence budget, whereas ESA's money is used for developing the European Galileo positioning system. The data for authoritarian countries are unreliable. For European contributors to ESA, the national budgets shown include also their contributions to ESA.

Agency (country/region)	Budget (in millions of US \$)
<u>NASA (USA)</u>	19,500
<u>CNSA (China)</u>	11,000
<u>ESA (Europe)</u>	6,271
<u>Roscosmos (Russia)</u>	3,272
<u>CNES (France)</u>	2,600
<u>DLR (Germany)</u>	2,500
<u>JAXA (Japan)</u>	2,030
<u>ASI (Italy)</u>	1,800
<u>ISRO (India)</u>	1,500
<u>UKSA (UK)</u>	529
<u>CSA (Canada)</u>	488.7
<u>KARI (South Korea)</u>	366
<u>ASA (Algeria)</u>	360
<u>AEB (Brazil)</u>	259
<u>SSAU (Ukraine)</u>	250
<u>CONAE (Argentina)</u>	180
<u>ISA and ISRC (Iran)</u>	139
<u>INTA (Spain)</u>	135
<u>NSO (Netherlands)</u>	110
<u>SNSA (Sweden)</u>	100
<u>SUPARCO (Pakistan)</u>	45
<u>SANSA (South Africa)</u>	11.8
<u>SSO (Switzerland)</u>	10
<u>AEM (Mexico)</u>	8.34

Country/ region	Agency	Budget (in millions of US \$)	Year
 United States	National Aeronautics and Space Administration	19,500	2017
	European Space Agency	6,271	2017
 Russia	Russian Federal Space Agency	3,272	2015
 France	French Space Agency	2,600	2017
 Germany	German Aerospace Center	2,500	2015
 Japan	Japan Aerospace Exploration Agency	2,030	2013
 Italy	Italian Space Agency	1,800	2014
 China	China National Space Administration	11,000 ^[102]	
 India	Indian Space Research Organisation	1,700	2018-19
 United Kingdom	UK Space Agency	529	
 Canada	Canadian Space Agency	488.7	
 South Korea	Korea Aerospace Research Institute	366	FY 2007
 Algeria	Algerian Space Agency	360	2017
 Brazil	Brazilian Space Agency	299	2015
 Ukraine	State Space Agency of Ukraine	250	
 Argentina	Comisión Nacional de Actividades Espaciales	180	2016
 Iran	Iranian Space Agency and Iranian Space Research Center	139	2014-15
 Spain	Instituto Nacional de Técnica Aeroespacial	135	2009
 Netherlands	Netherlands Space Office	110	
 Sweden	Swedish National Space Agency	100	2011
 Pakistan	Space and Upper Atmosphere Research Commission	45	2018-19
 South Africa	South African National Space Agency	11.8	2014-15
 Switzerland	Swiss Space Office	10	
 Mexico	Mexican Space Agency	8.34	
World	All space agencies (Total of listed budgets)	About 43,400	

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