

# Abbreviations and acronyms

ADR	Active debris removal
AAAAI	Australian Association of Aviation and Aerospace Industries
AIA	Aerospace Industries Association
AIAB	Aerospace Industries Association of Brazil <i>Associação das Indústrias Aeroespaciais do Brasil</i>
AIAC	Aerospace Industries Association of Canada
AIAD	Federation of Italian Companies for Aerospace, Defence and Security (Italy) <i>Associazione delle Industrie per l'Aerospazio i Sistemi e la Difesa</i>
ANZSIC	New Zealand Standard Industrial Classification
ARTES	Advanced Research in Telecommunications Systems
ASD	Aerospace and Defence Industries Association
ASI	Italian Space Agency (Italy) <i>Agenzia Spaziale Italiana</i>
ASJC	All Science Journal Classification
BDLI	German Aerospace Industries Association (Germany) <i>Bundesverband der Deutschen Luft- und Raumfahrtindustrie</i>
BEA	Bureau of Economic Analysis (United States)
BELSPO	Belgian Science Policy Office (Belgium)
BIC	Business incubation centre
CAD	Canadian dollar (currency)
CBA	Cost benefit analysis
CEA	Cost effectiveness analysis
CGE	Computable general equilibrium model
CHF	Swiss franc (currency)
CIP	Classification of Instructional Programmes (United States)
CNES	National Centre for Space Studies (France) <i>Centre National d'Études Spatiales</i>

CPA	Classification of Products by Activity
CPC	Central Product Classification
CPF	Classification of products (France) <i>Classification des produits française</i>
CSA	Canadian Space Agency (Canada)
DALY	Disability-adjusted life year
DARPA	Defense Advanced Research Projects Agency (United States)
DLR	German Aerospace Center <i>Deutsches Zentrum für Luft-und Raumfahrt</i>
DTH	Direct-to-home satellite services
EARSC	European Association of Remote Sensing Companies
EC	European Commission
ECMWF	European Centre for Medium-Range Weather Forecasts
EGNOS	European Geostationary Navigation Overlay Service
EISCAT	European Incoherent Scatter Scientific Association
EO	Earth observation
ESA	European Space Agency
ESO	European Southern Observatory
ESOC	European Space Operations Centre
ESTEC	European Space Research and Technology Centre
EU	European Union
EUMETSAT	European Organisation for the Exploitation of Meteorological Satellites
EUR	Euro (currency)
FAA	Federal Aviation Administration (United States)
FCT	Foundation for Science and Technology (Portugal) <i>Fundação para a Ciência e Tecnologia</i>
FORD	Fields of Research and Development for the higher education sector
FP7	European Union's Seventh Research Framework Programme
FTE	Full-time equivalent
GBARD	Government Budget Allocations for Research and Development
GBP	British pound sterling (currency)
GDP	Gross domestic product
GERD	Gross domestic R&D expenditure
GIFAS	French Aerospace Industries Association (France) <i>Groupement des Industries Françaises Aéronautiques et Spatiales</i>

GIS	Geographic information system
GNSS	Global navigation satellite system
GPS	Global Positioning System
GSA	European GNSS Agency
HECoS	Higher Education Classification of Subjects (United Kingdom)
HEIs	Higher education institutions
HS	Harmonised system
IADC	Inter-Agency Space Debris Coordination Committee
IAEA	International Atomic Energy Agency
ICT	Information and communication technology
ILO	International Labour Office
IMPLAN	Impact analysis for planning
INSEE	National Institute for Statistics and Economic Studies (France) <i>Institut National de la Statistique et des Études Économiques</i>
INTA	National Institute of Aerospace Technology (Spain) <i>Instituto Nacional de Técnica Aeroespacial</i>
IO	Input-output
IOA	Input-output analysis
IP	Intellectual property
IPR	Intellectual property rights
ISCED	International Standard Classification of Education
ISCO	International Standard Classification of Occupations
ISECG	International Space Exploration Coordination Group
ISED	Innovation, Science and Economic Development Canada
ISIC	International Standard Industrial Classification
ISON	International Scientific Optical Network
ISRO	Indian Space Research Organisation (India)
ISU	International Space University
ITCS	International Trade in Commodity Statistics database
ITU	International Telecommunications Union
JAXA	Japan Aerospace Exploration Agency (Japan)
JPL	Jet Propulsion Laboratory
JWST	James Webb Space Telescope
KARI	Korea Aerospace Research Institute (Korea)
KRW	Korean won (currency)

LEO	Low-earth orbit
NACE	Statistical Classification of Economic Activities in the European Community
NAF	Classification of Activities (France) <i>Nomenclature d'activités française</i>
NAICS	North American Industry Classification System
NASA	National Aeronautics and Space Administration (United States)
NOAA	North American Industry Classification System
NOSA	Norwegian Space Agency (Norway)
NSO	Netherlands Space Office (Netherlands)
NSTP	UK National Space Technology Programme
OECD	Organisation for Economic Co-operation and Development
ONERA	The French Aerospace Lab (France) <i>Office National d'Études et de Recherches Aérospatiales</i>
OOS	On-orbit servicing
PNT	Positioning, navigation and timing
PPP	Purchasing power parities
PT Space	Portugal Space
PRODCOM	“Community Production” (European statistics on the production of manufactured goods)
QUALY	Quality-adjusted life year
R&D	Research and development
RIMS-II	Regional Input-Output Modelling System
Roscosmos	Russian Federal Space Agency (Russian Federation)
SANSA	South African Space Agency (South Africa)
SATTO	Space Agencies Technology Transfer Officers group
SBIR	Small Business Innovation Research
SESA	Space Economy Satellite Account (United States)
SIA	Satellite Industry Association
SIAA	Space Industry Association of Australia
SIATI	Society of Indian Aerospace Technologies and Industries
SITC	Standard International Trade Classification
SJAC	Society of Japanese Aerospace Companies (Japan)
SME	Small and medium-sized enterprises
SNA	System of National Accounts
SNSA	Swedish National Space Agency (Sweden)
SSO	Swiss Space Office (Switzerland)

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STEM	Science, technology, engineering and mathematics
STTR	Small Business Technology Transfer
TTC	Technological transfer and commercialisation
TTO	Technology transfer offices
UKSA	United Kingdom Space Agency
UNECE	United Nations Economic Commission for Europe
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNOOSA	United Nations Office of Outer Space Affairs
USD	US dollar (currency)
USGS	United States Geological Survey
VOI	Value of information
VSAT	Very small aperture terminal
WMO	World Meteorological Organization



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