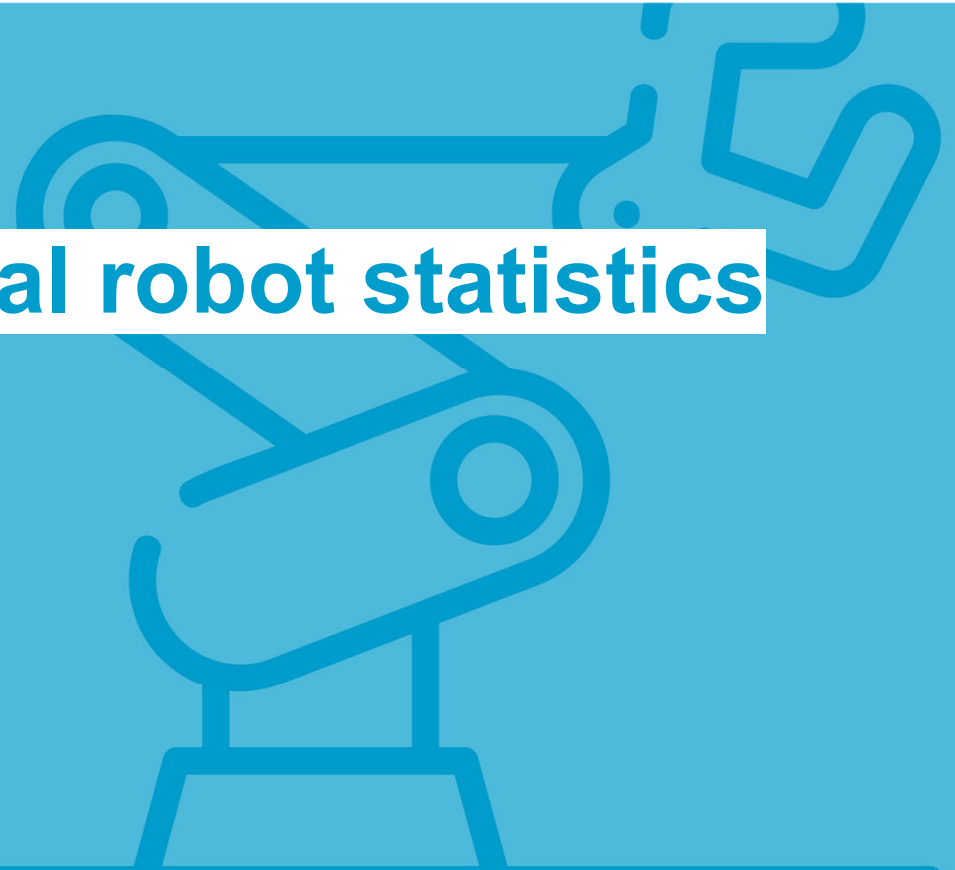


WALKTROUGH

IFR service and medical robot statistics questionnaire



Cover page

Fill in your contact information here.

A summary of what this survey is about.

The screenshot shows a Google Docs document titled "IFR SERVICE ROBOTS Statistics 2025- including mobile and medical robots". The document is divided into several sections:

- Contact Information:** A red-bordered box contains fields for "Company name:", "Your name:", "Business address:", "Telephone number:", and "E-mail:". To the right of this box is the IFR Statistical Department logo.
- Return Information:** A section asking to return to Ms. Anne Jurkat (aj@ifr.org) by February 14th, 2025, and mentioning a permission form.
- Aims and scope of the survey:** A paragraph describing the survey's purpose.
- Compliance and privacy:** A paragraph explaining data handling and privacy rules.
- Definition of "service robots":** A paragraph defining the scope of the survey.
- Classification:** A paragraph explaining how robots are classified.
- Data requested/survey items:** A table listing the data points to be collected.

Data requested/survey items	
Units	Number of robot units sold
RaaS fleet	Number of robot units that your company operates as Robots-as-a-Service.

At the bottom, a navigation bar shows the current sheet is "Instructions", with other sheets like "Application", "Type of movement professional", "Type of movement medical", and "Type of movement consumer use" also visible.

The questionnaire consists of five sheets.

Questionnaire service and medical robots - by application

Enter your sold units for the years 2023 and 2024 and the number of robots you offered for RaaS. Please do not write numbers in the aggregates – the blue highlighted rows- as these are calculated automatically.

Description of service robot application classes

			Unit sales		RaaS fleet	
			Number of robot units. "Sales" means the property of the robot hardware is transferred to the customer.		Number of robots offered for Robot-as-a-Service business models. RaaS are all types of business models where the property of the robot hardware remains at the robot supplier.	
	Application	Description	2023	2024	2023	2024
4	AC	Consumer robots	0	0	0	0
5	AC1	Robots for domestic tasks				
6	AC11	Domestic floor cleaning (indoor)				
7	AC12	Domestic window cleaning				
8	AC13	Gardening				
9	AC14	Domestic cleaning (outdoor)				
10	AC19	Other domestic tasks				
11	AC2	Social interaction, education	0	0	0	0
12	AC21	Social interaction, companions				
13	AC22	Education				
14	AC3	Care at home	0	0	0	0
15	AC31	Mobility assistants				
16	AC32	Manipulation aids				
17	AC39	Other care robots				
18	AC9	Other consumer robots	0	0	0	0
19	AC99	Other consumer robots				
20	AP	Professional service robots	0	0	0	0
21	AP1	Agriculture	0	0	0	0
22	AP11	Cultivation				
23	AP12	Milking				
24	AP13	Other livestock farming				
25	AP19	Other agriculture				

No suitable class found?

You offer robots for applications not explicitly mentioned here?

We may add more classes in the future but this only makes sense if there are sufficient robot suppliers in this class. **Spread the word among your peers and rivals and encourage them to report!**

If you have questions, comments or suggestions, contact us at statistics@ifr.org

			Unit sales		RaaS fleet	
			Number of robot units. "Sales" means the property of the robot hardware is transferred to the customer.		Number of robots offered for Robot-as-a-Service business models. RaaS are all types of business models where the property of the robot hardware remains at the robot supplier.	
Application	Description		2023	2024	2023	2024
AC22	Education	Robots designed specifically to educate children or students				
AC3	Care at home	Robots that support people in need of care (e.g. seniors or handicapped people) in their homes or home-like environments (e.g. retirement homes)	0	0	0	0
AC31	Mobility assistants	Robotic wheelchairs, robotic rollators/walkers, exoskeletons for walking disabilities. Includes robotic devices.				
AC32	Manipulation aids	Robots that support seniors or disabled people in the manipulation of their environment (e.g. meal assistance robot, manipulators mounted to wheelchairs). Includes robotic devices.				
AC39	Other care robots	Robots for care at home that do not fit into AC31 or AC32. Includes robotic devices.				
AC9	Other consumer robots	Consumer robots that do not fit into any of above classes	0	0	0	0
AC99	Other consumer robots	Consumer robots that do not fit into any of above classes				

			Unit sales		RaaS fleet	
			Number of robot units. "Sales" means the property of the robot hardware is transferred to the customer.		Number of robots offered for Robot-as-a-Service business models. RaaS are all types of business models where the property of the robot hardware remains at the robot supplier.	
Application	Description		2023	2024	2023	2024
AP72	Disaster relief	Robots for detection or rescue of survivors. Includes robotic devices.				
AP73	Security services	Robots for security functions, e.g. surveillance, bomb squad support. Includes robotic devices.				
AP8	Hospitality	Robots for interaction with guests or visitors	0	0	0	0
AP81	Food and drink preparation	Robots for food or drink preparation				
AP82	Mobile guidance, information, telepresence	Robotic information desks or guides, e.g. in museums, shops, hotel receptions. Robots for virtual participation in real-world events. Note: Telepresence robots specifically designed for the medical field are covered in AP63				
AP9	Other professional service robots	Robots that do not fit into any of the above classes	0	0	0	0
AP99	Other professional service robots	Robots that do not fit into any of the above classes				

No suitable class found?
Put it in "other".

Questionnaire service and medical robots - by type of movement

Enter your sold units for the years 2023 and 2024 and the number of robots you offered for RaaS

Type of movement now distinguishes between service robots for consumer and professional use as well as medical robots.

Description of service robot movement types

			Unit sales		RaaS fleet	
			Number of units robots. Sales means the property of the robot hardware is transferred to the customer. Number of robots offered for Robot-as-a-Service business models. RaaS are all types of business models where the property of the robot hardware remains at the robot supplier.			
			2023	2024	2023	2024
Type	Description					
for professional use service robots only						
A	Ground-based	Robots that move or stand on the ground	0	0	0	0
A1	Rolling	Rolling on wheels or chains				
A2	Walking	Walking on legs				
A3	Fixed in place	Immobile, cannot change physical location by itself, standing on the ground, desk or other fixed place, also hanging				
A4	Other ground-based	Ground-based but none of the above (A1-A3), e.g. crawling, snakeing, climbing				
B	Water-based	Robots that swim or dive	0	0	0	0
B1	Swimming	Swim on the surface of the water. Note: If the robot can both swim and dive, it is counted as diving (B2)				
B2	Diving	Dive under the surface of the water				
C	Aerial	Robots that move through the air	0	0	0	0
C1	Fly	Fly in the air				
C2	Hover	Hover above ground				
D	Wearables	Robots that are worn by people	0	0	0	0
D1	Exoskeletons	Powered human exoskeletons				
D2	Other wearables	Wearable robots other than D1				
E	Others	Robots that are not A-D	0	0	0	0
E1	Other robots	Robots that do not fit into classes A-D, e.g. robots for orbital space Robots that fit into multiple classes, e.g. hybrid robots for water and				

Submission

That's it!

Save and mail to aj@ifr.org and you're eligible to receive the results for free!*

*If your report is complete and consistent.

We're always looking for case studies that show how service robots improve our lives. Have an interesting story? Contact us to put it on www.ifr.org.

We're also looking for robot pictures to use in our presentations and publications, including World Robotics Service Robots. Attach your footage (and the permission form) when you send us your data!

Want to see your robot on the World Robotics Service Robots cover?
Contact us to talk about sponsoring opportunities!

Interested in representing your company in the global industry association?
Contact IFR secretariat at secretariat@ifr.org