

SOCIETAL IMPACT

of the Novo Nordisk Foundation's grant activities

Highlights for 2019

The Novo Nordisk Foundation's vision is to contribute significantly to research and development that improves the lives of people and the sustainability of society.

Novo Nordisk Foundation

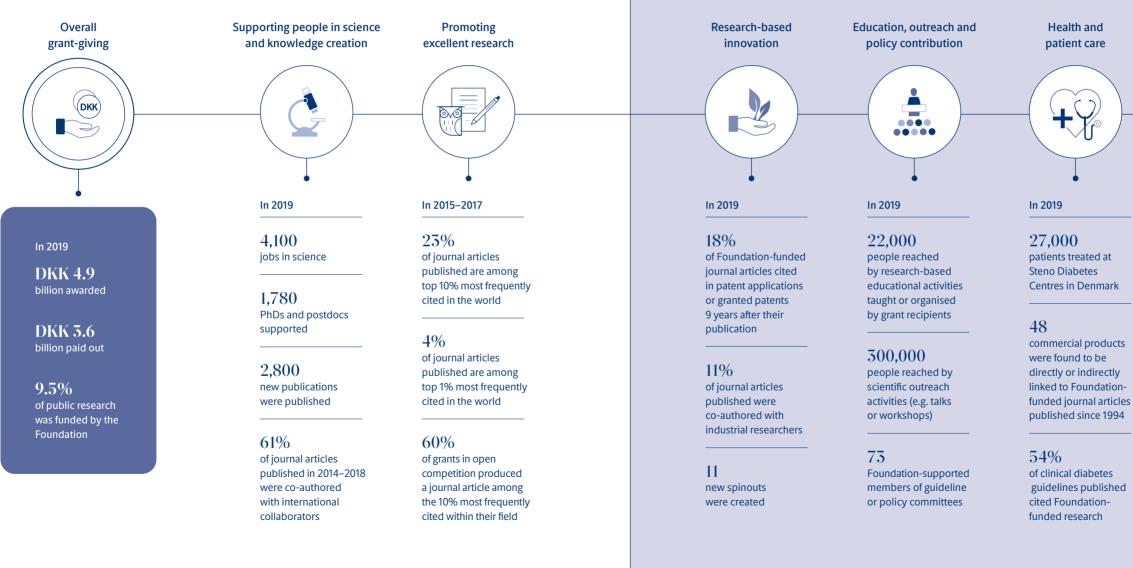
Funding public research for more than 90 years

Since 1927, the Novo Nordisk Foundation has awarded grants to researchers at universities and hospitals in Denmark and the other Nordic countries. Today, the Foundation supports research in biomedicine, biotechnology, general practice, nursing, art history and scientific objectives within innovation, education and outreach as well as humanitarian and social purposes.

Advocating public research

This brochure presents some highlights from the annual impact report showing the Foundation's input of resources and the subsequent effects on research, health and companies.

Key impact input, activities, output & outcome



Health and

╋

Humanitarian

aid

In 2014-2019

800.000

initiatives

500.000

of those people

interventions

45

were supported by

acute humanitarian

countries reached

funded humanitarian

by Foundation-

interventions

people supported in

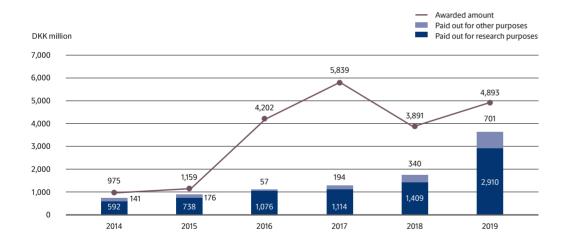
Foundation-funded

humanitarian crisis



9.5% of public research was funded by the Foundation

Development in grants and payouts from the Foundation



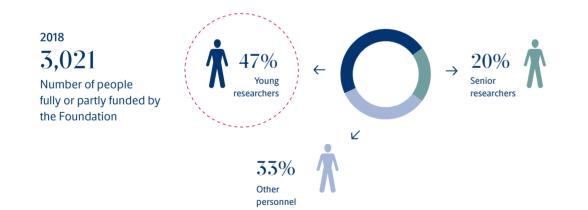
The Foundation has four grant-giving models and several grant instruments. As part of the Foundation's strategy, the total payout has increased for all grant-giving models and grant instruments used by the Foundation between 2014 and 2019.





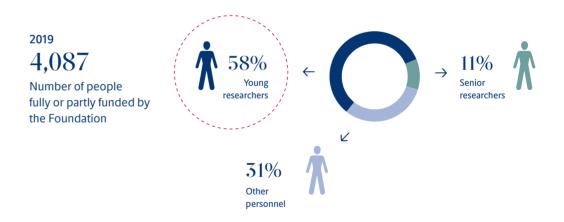
Supporting people in science and knowledge creation

The number of people funded fully or partly by the Foundation, distributed between early career researchers and more senior researchers



11 percentage points increase from 2018 to 2019

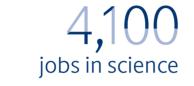
in the of the share of young researchers in science supported by the Foundation

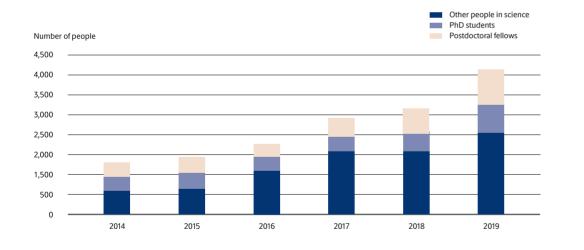




Supporting people in science and knowledge creation

Increase in number of people fully or partly supported by the Foundation, 2014–2019

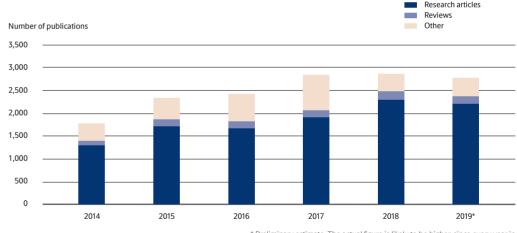




The Foundation aims to support the development of talents and that institutions can attract talented researchers from other countries at all career stages to Denmark. In 2019, the Foundation fully or partly funded 4,087 people within science or research hospital settings.

61% of journal articles published in 2014–2018 were co-authored with international collaborators

Total number of publications published by recipients of Foundation grants, 2014–2019



* Preliminary estimate. The actual figure is likely to be higher, since every year in January grant recipients also report publications they have previously omitted.

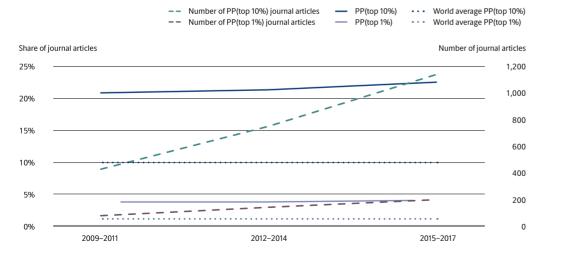
The Foundation aims to support research excellence, research collaboration and knowledge creation in all fields of science. In 2019, grant recipients reported almost 2,800 publications. Of the publications published from 2014 to 2019 funded by the Foundation, about 80% were journal articles (research articles and reviews) and 20% were other publications, such as policy papers, technical reports, letters and book chapters.



Using knowledge in academic research

The number and share of journal articles by Foundation grant recipients among the top 1% and 10% most frequently cited journal articles in the world, 2009–2017 23%

of the journal articles are in the top 10% most frequently cited journal articles in 2015–2017



The Foundation tracks the share of Foundation-funded journal articles among the 1% and 10% most frequently cited journal articles worldwide. The Foundation-funded research maintains a steady fraction (4%) of the top 1% of global research according to this citation impact measure.



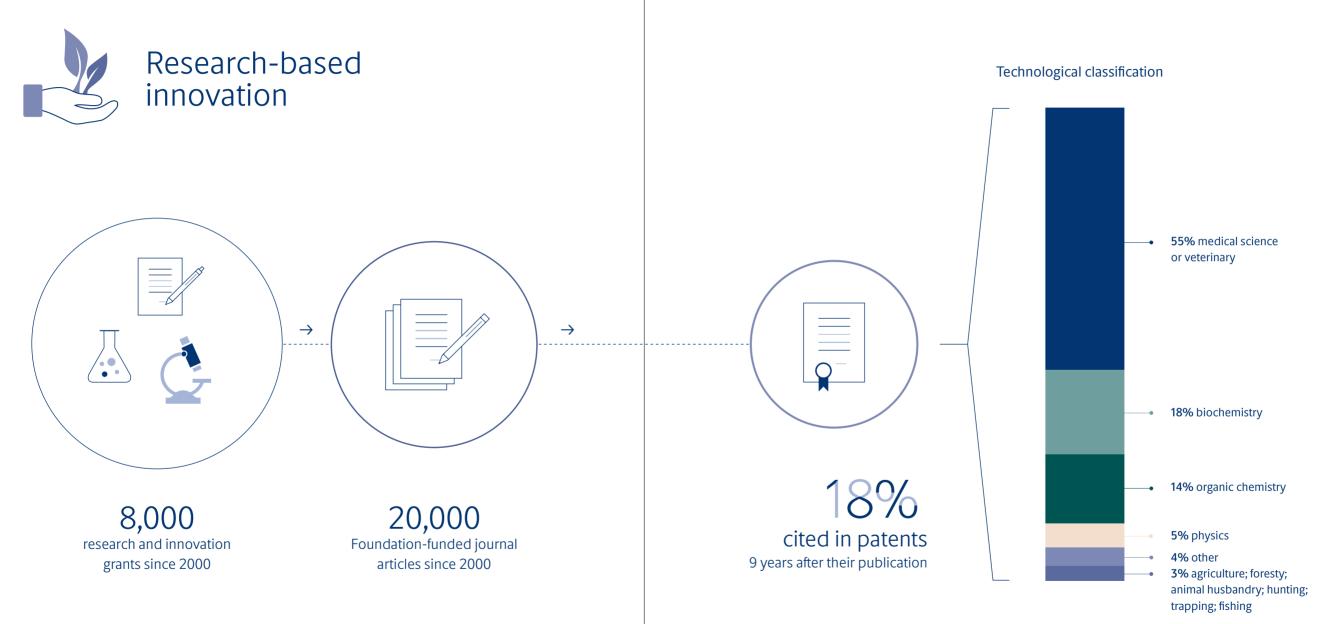
of journal articles published are among the top 1% most frequently cited in the world.



60%

of the funded research teams in open-competition grants produce a journal article among the 10% most frequently cited worldwide.







Foundation-funded grants delivered knowledge to education, the general public and policy in 2019



Course activity



22,000 people reached





Foundation-supported grants turn research and discoveries into medical interventions, new technologies, treatments for diseases, clinical trials, health interventions and diagnostics, products and clinical guidelines. Clinical trials supported by the Foundation 2014–2019

9,595 people are enrolled in the 26 clinical trials registered

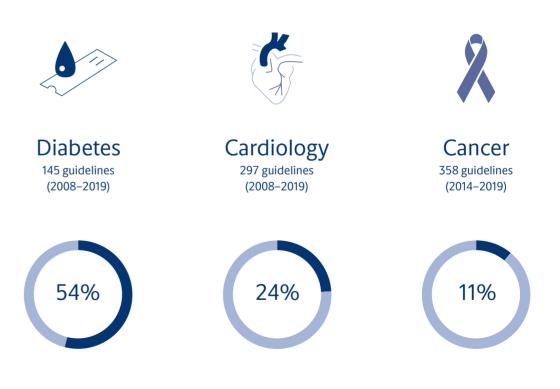


		Clinical trials		Phase	People
26 clinical trials registered on clinicaltrials.gov	\rightarrow	•	2	Phase I	167
		•	4	Phase II	412
			2	Phase III	4657
			5	Phase IV	1889
		•	13	NA/Unknown	2470

Clinical guidelines and treatment recommendations citing Foundation-funded research



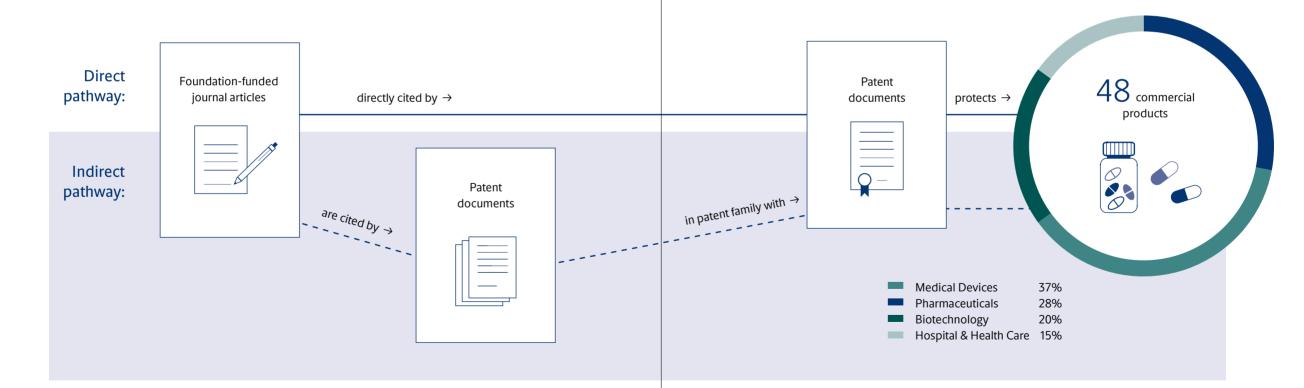
that cover three areas of disease – diabetes, cardiovascular diseases and cancer – cite Foundation-funded journal articles





48 commercial products can be directly or indirectly linked to Foundation-funded journal articles

2,238 patent documents cite Foundation-funded journal articles from 1994 to 2017



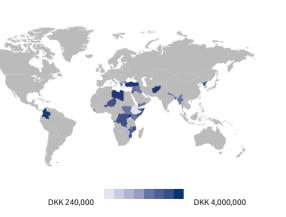


800,000 people have received development aid or humanitarian aid

Amount awarded by the Foundation for education, health and social causes, distributed geographically, 2014–2019



Amount awarded by the Foundation for acute humanitarian interventions distributed geographically, 2014–2019



Sustainable Development Goals

In 2014–2019, the Novo Nordisk Foundation's grant-awarding activities led to actions that support the 17 UN Sustainable Development Goals (SDGs). Most grants have relevance for up to three SDGs each.

SUSTAINABLE DEVELOPMENT GOALS



Benefiting people and society

Novo Nordisk Foundation

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