



18 mar 2022

BEES AT WORK EPISODE 21

Classification of the workforce after COVID-19

By Eleonora Escalante Strategy

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Saga Outline

1. **Introduction** 🌻
2. **Rationale, Philosophy and objectives of the saga** 🌻
3. **Before starting** 🌻
4. **The life of the bees at the hive** 🌻
5. **Why are bees crucial for human civilization?** 🌻
6. **Bees Swarm Intelligence** 🌻
7. **How Bees colonies make decisions** 🌻
8. **Bees living in a time of chaos** 🌻
9. **Honeybees' democracy by Thomas Seeley** 🌻
10. **The wisdom of bees applied to human societies** 🌻
11. **Homo sapiens history of work – Our past** 🌻
12. **How humans work now – Our present** 🌻
13. **The forthcoming of work – Our future?** 🌻
14. **How people dignify time by working** 🌻
15. **The meaningful work means happiness too.** 🌻
16. **Women in the workplace** 🌻
17. **What has changed at work with the NAIQIs?** 🌻
18. **Classification of workforce updated** 🌻 **TODAY**
19. **The workplace as a school: The new Learning organization**
20. **Skills of the halted workforce and consequences**
21. **Why the virtual office is not for all, but for some.**
22. **Figuring out a hybrid working model**
23. **Why are employees quitting?**
24. **Living to work? or working to live?**
25. **An appraisal to workforce and employment trends after the COVID19 Pandemic**
26. **Research agenda in terms of work for the next 10 years: Elements of a new state-of-the-art “working paradigm”**
27. **Summary and conclusions**

**The outline has
been modified
and updated**

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Why are NAIQs (including digitization) so important in terms of productivity and wealth creation?



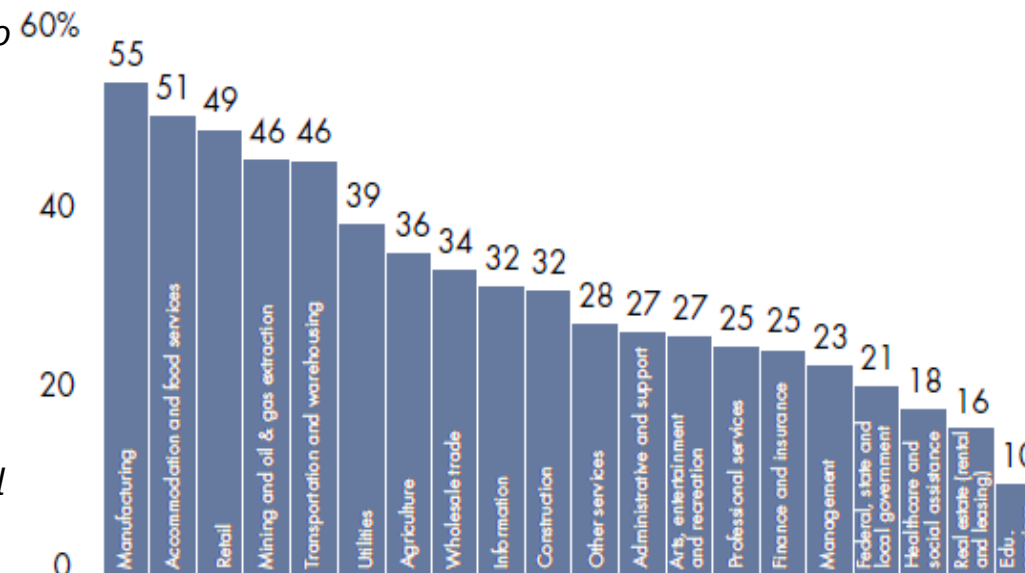
BAIN & COMPANY

Year 2017: The Bain Macro Trends Group has analyzed a range of technologies at or near commercialization, including humanoid service robots, collaborative robots (cobots), drones, artificial intelligence and machine learning algorithms. Their analysis confirmed that the rapid spread of NAIQs will collide over this decade, creating disruptive changes throughout the global economy.

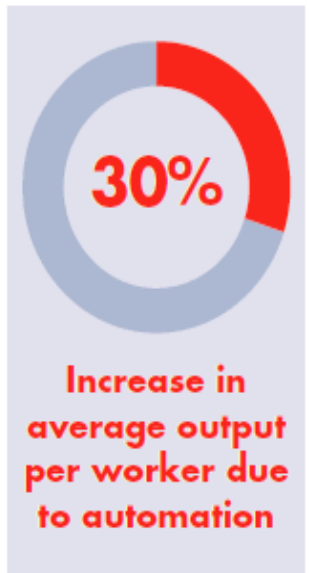
Figure 18

Productivity gains from automation will vary broadly across industries by about 10% to 55%

Automation-driven labor productivity growth, 2015 vs. 2030



Notes: Labor productivity measured in dollars of gross output per employee; projections do not include baseline forecasts of labor productivity growth
Sources: US Bureau of Economic Analysis; US Bureau of Labor Statistics; Bain Macro Trends Group analysis, 2017



Source: <https://www.bain.com/insights/labor-2030-the-collision-of-demographics-automation-and-inequality>



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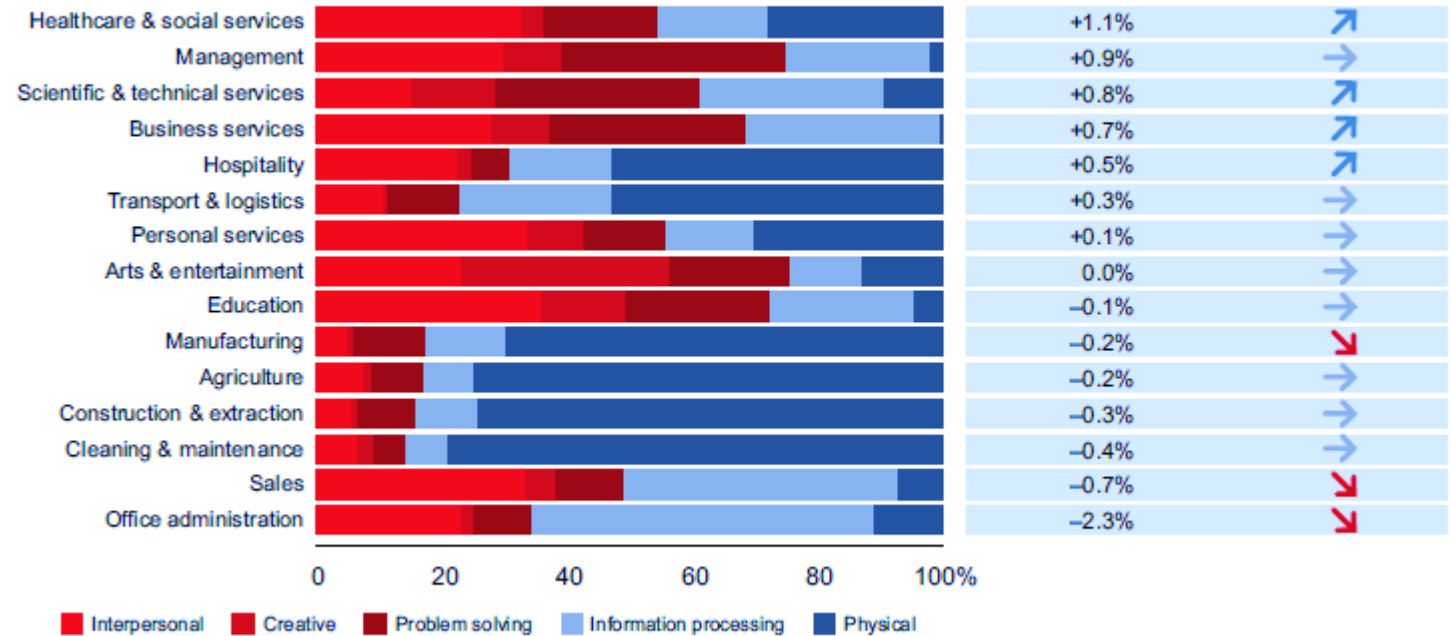
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The big picture of the workforce. Classification of the future workforce after COVID-19



Occupation by activity type in US



Note: Activity mix based on scoring of 2,000 underlying activities across 900 occupations; activities are weighted based on the importance to each occupation
Sources: ONET; BLS; Bain analysis

Source: <https://www.bain.com/insights/the-working-future-more-human-not-less-future-of-work-report>



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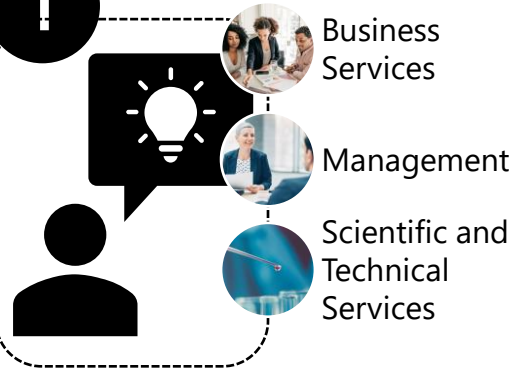
5 big work categories

Classification of the future workforce after COVID-19


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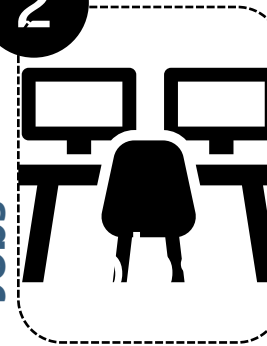
Knowledge Jobs

1



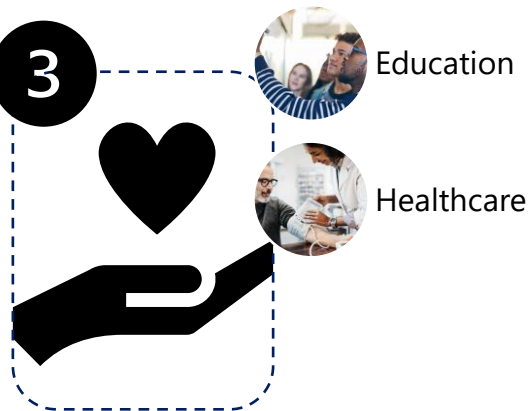
Office Admin Jobs

2



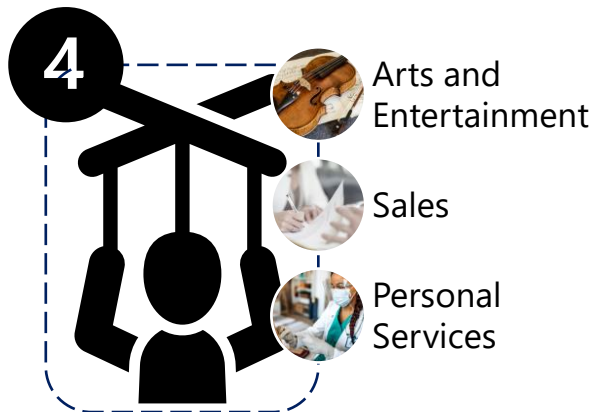
Office
Administrative
Jobs

3



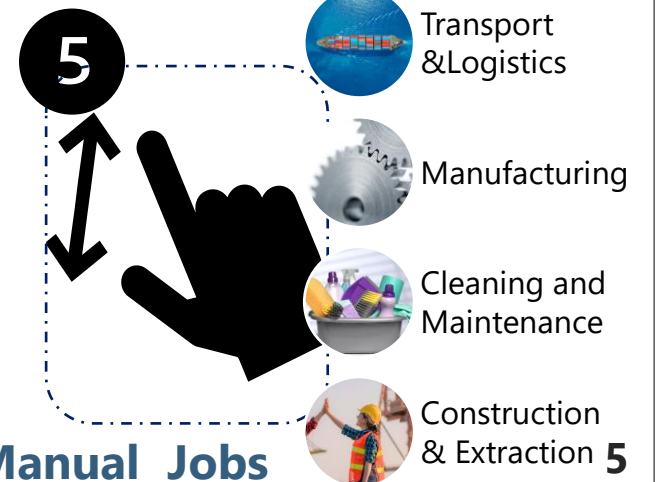
Care Jobs

4

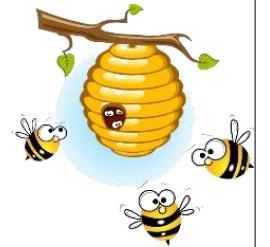


Service Jobs

5



Manual Jobs

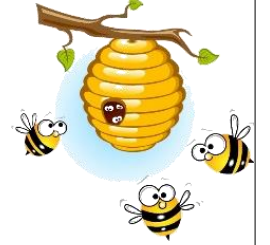


Source: <https://www.bain.com/insights/the-working-future-more-human-not-less-future-of-work-report>



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<The potential for digital work is primarily confined to white-collar workers. Knowledge and administrative jobs.

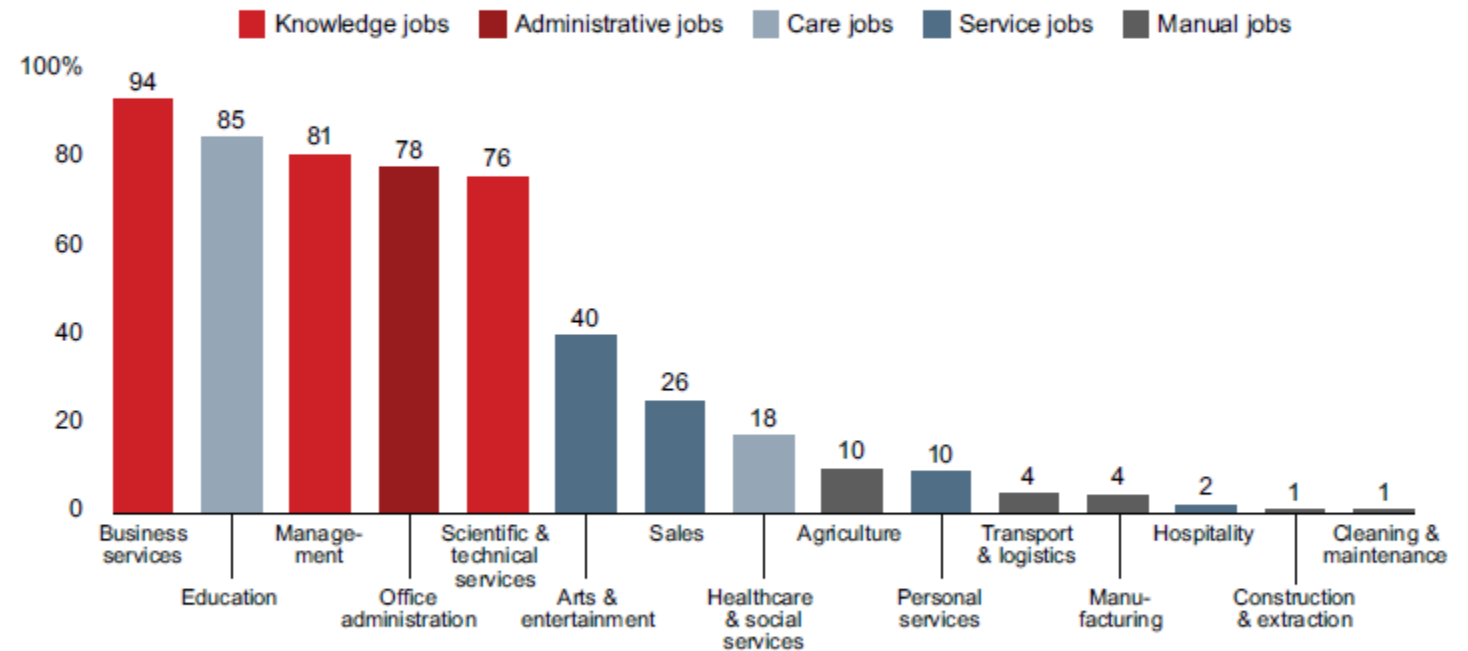


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Year 2022

Figure 4.2: The potential for remote work is primarily confined to white-collar workers

Tasks that can technically be performed remotely by occupation



Notes: Remote work potential based on scoring of more than 2,000 underlying activities across approximately 900 occupations; activities are weighted based on the importance to each occupation
Sources: ONET, BLS, Bain analysis



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McKinsey has found that in the United States, companies accelerated the deployment of digitization and automation (NAIQs) during the pandemic.

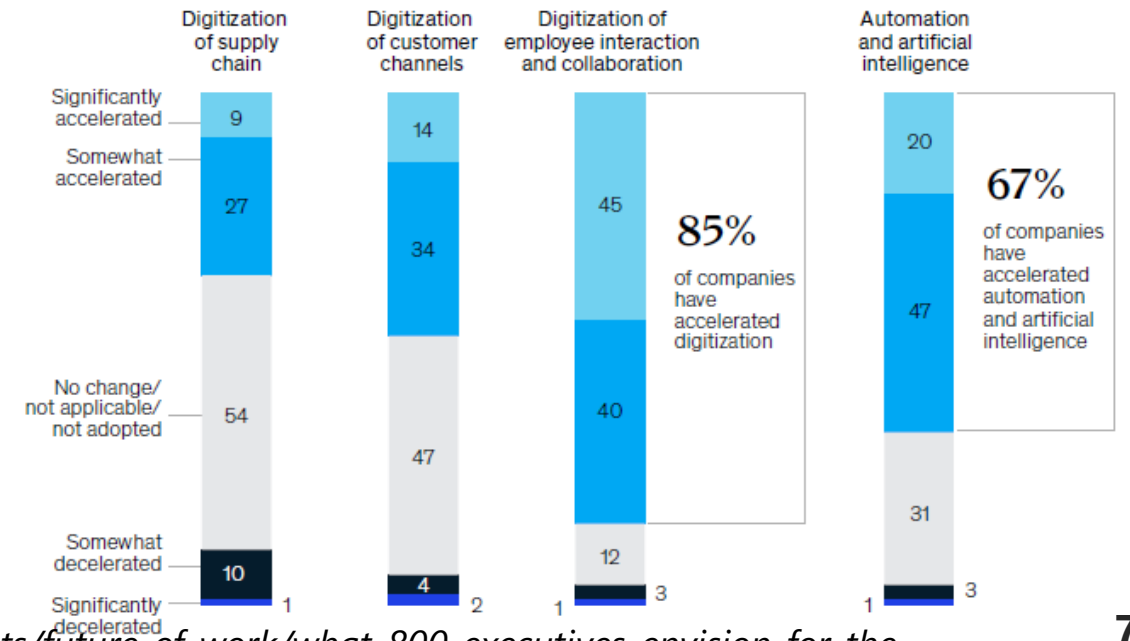
McKinsey
& Company

Year 2020

Exhibit 1

Executives say they have accelerated the deployment of digitization and automation during the COVID-19 pandemic.

Since the start of the COVID-19 outbreak, how has your company's or business area's adoption of the following technology trends changed? % of respondents (n = 800)



Source:

<https://www.mckinsey.com/featured-insights/future-of-work/what-800-executives-envision-for-the-postpandemic-workforce>

Note: Figures may not sum to 100% because of rounding.
Source: McKinsey Global Business Executives Survey, July 2020



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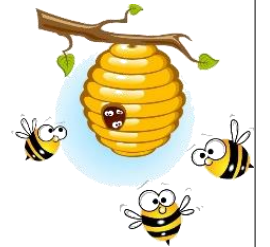
***The big picture of the workforce.
Classification of the future workforce after COVID-19***

**McKinsey
& Company**

Year 2022

*McKinsey has
categorized working
roles or jobs according
to the level of physical
proximity*

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The future of work after COVID-19

Trends accelerated
by COVID-19

Remote work

20–25% of workers in
advanced economies
could work remotely
3+ days a week on a
long-term basis

Digitization

2–5x growth in
e-commerce, as a
surge in digital
platforms is underway

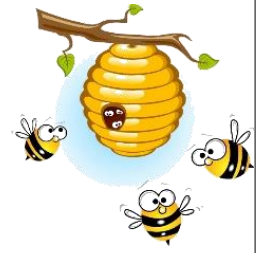
Automation

Uptick in use of
robotics, robotic
process automation,
and AI

Work arenas with high physical proximity were most disrupted short term
during COVID-19, and some will see enduring effects.



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*The big picture of the workforce.
Three years before the COVID19 pandemic, these were the forces
driving the changes for the work of the future. BCG explained it.*

BCG
Year 2017

EXHIBIT 1 | Twelve Powerful Forces Will Revolutionize How Organizations Function

Changes
in the
demand
for
talent

Technological and
Digital Productivity

Automation

Big Data and
Advanced Analytics

Access to Information
and Ideas

Shifts in Ways
of Generating
Business Value

Simplicity
in Complexity

Agility and
Innovation

New Customer
Strategies

Changes
in the
supply
of talent

Shifts in Resource
Distribution

A New
Demographic Mix

Skill
Imbalances

Shifting Geopolitical
and Economic Power

Changing Workforce
Cultures and Values

Diversity and
Inclusion

Individualism and
Entrepreneurship

Well-Being
and Purpose

Source: BCG research and analysis.

Source: <https://www.bcg.com/publications/2017/people-organization-strategy-twelve-forces-radically-change-organizations-work>



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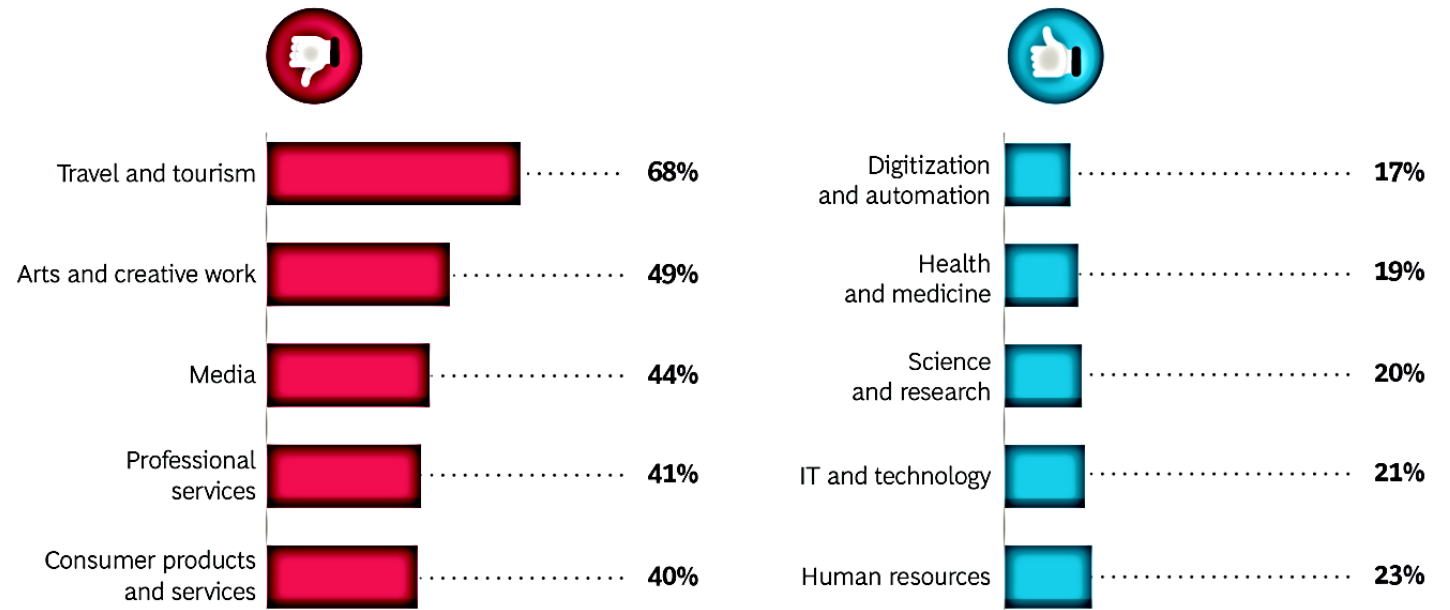
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***The big picture of the workforce.
Workforce who was hit the most during the pandemic COVID-19***

BCG
Year 2020

Worst and Best Fields to Be in During the Pandemic
% of people who were laid off or worked less



Source: <https://www.bcg.com/publications/2021/decoding-global-trends-reskilling-career-paths>



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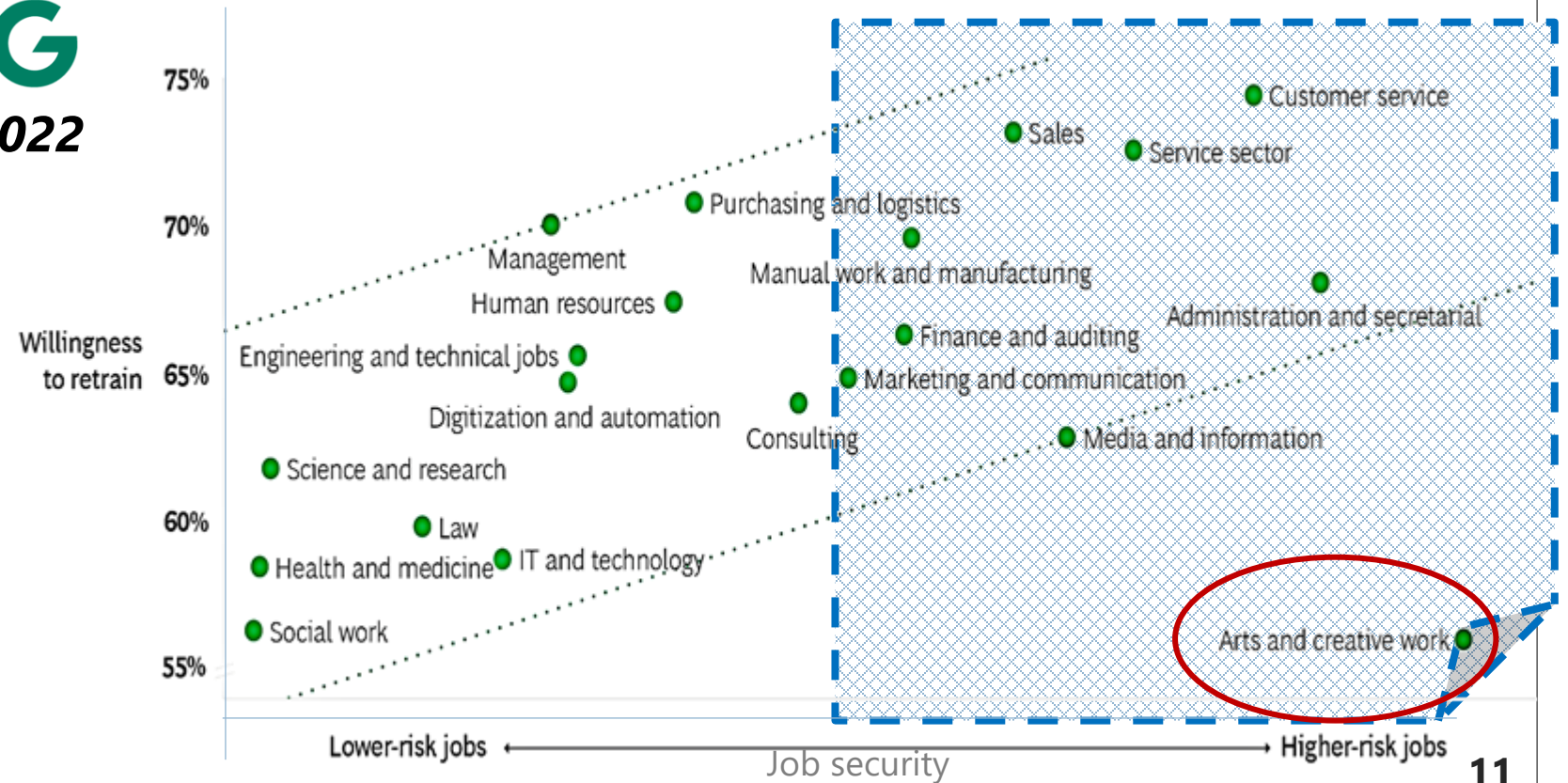
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Higher risks Jobs that might disappear with the NAIQIs after the pandemic: some can't be retrained for digitization because they may vanish forever as traditional arts and the creative industries.

BCG

Year 2022



Source <https://www.bcg.com/publications/2021/decoding-global-trends-reskilling-career-paths>