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Shaping the Future of Business Analysis

As the world continues to adjust to the challenges related to the COVID-19 pandemic, we've seen many changes for business analysis professionals, from where they work to how they are working. Some of these developments resulted in positive changes for business analysts with an increased focus on data analytics, agile analysis, and digital initiatives.

One thing is clear from IIBA's 2021 report; the COVID-19 pandemic forced many organizations to rethink how they go to market and respond to their customers' needs. Organizations have had to rethink how they work and their internal processes to ensure business continuity. This year's survey found 46% of organizations increased their focus on data analytics projects, 36% of business analysis professionals report working as part of data analytics projects and 20% in cybersecurity analysis. This shift has also driven digital transformation with 80% of respondents reporting their organization is currently implementing digital initiatives. This is up 10% from the previous year. As demand accelerates for data and cybersecurity analysis talent, we expect these numbers to grow and increase demand for impactful business analysis as a pivotal skill set in improving business outcomes.

The application of business analysis in relation to Agile initiatives continues to be an important area for our community and a potential source of continued growth. This past year saw more organizations shifting to Agile methodologies that are including business analysis professionals as



part of their teams. In 2021, 76% of respondents report they are now involved in agile analysis. This trend has continued to rise as evidenced by the 26% increase in the role of business analysis involved in Agile initiatives from 2017 to 2021.

As organizations pivot to rethink, refocus, and restrategize, the role of business analysis is shifting to more emphasis on strategy with 55% of respondents reporting they are now involved in the strategy process. The value business analysis professionals can deliver to develop and execute strategy for organizations of all sizes will be an area where we can expect to see continued growth.

Thank you for taking the time to participate in this year's survey and sharing your information with us. I trust you will find the results interesting and useful. I'm excited about the future of the business analysis profession as it continues to evolve and grow!





Introduction to GSBA survey

IIBA's Global State of Business Analysis survey of more than 4,200 professionals, representing 165 countries, takes the pulse of career trends and maturity of the business analysis profession. Global results compare where business analysis practitioners work, top-paying industries, in-demand skills, education level, work experience, reporting areas, and trends for the profession and practice.

Report Highlights Executive Summary

Overall, business analysis professionals report a level of confidence in growth across most industries. Over 75% of respondents report active utilization of business analysis capabilities at the enterprise and strategy levels and over 90% at the project level.

In other findings, nearly one quarter of respondents (24%) report working at a strategic level on projects and programs. Respondents report organizations where they work are increasing their focus on both digital (80%) and data analytics (46%). Also on the rise, business analysis professionals are becoming more involved in cybersecurity (20%), agile analysis (76%) and product ownership analysis (31%) with 30% planning to move to a product owner related role of some type in the near future.

Survey Highlights

The GSBA survey is open to IIBA Members and the global business analysis community. The new branding of the survey under the umbrella of IIBA Global Research program reflects the broader scope of the survey questions.

The survey is divided into two sections:

- 1. Global demographics and role maturity
- 2. Regional demographics top five participating countries

Demographics

65% of respondents are from the United States of America, India, Canada, Australia, United Kingdom, South Africa, and Nigeria. The average age of respondents is in the 25-35 range (36%), with 29% aged 36-45 and 16% aged 46-55. 33% of respondents have over 10 years' experience with 25% having two to five years' experience. 79% of respondents work full-time and 45% have the title of Business Analyst. Gender responses show a 2% increase in the number of women working in business analysis with 46% of respondents identifying as female. We're encouraged by this trend in particular, especially given the high number of females who reported leaving the global workforce during the pandemic.

COVID-19 impact on employment shows 9% of respondents lost their job, and 28% did not receive a salary increase or bonus. 10% reported seeing a positive impact on their role, while 40% indicated no impact on their current role. The pandemic did of course impact where respondents work with only 6% working full-time in the office and 62% reporting working remotely either temporarily or permanently.



Maturity

Respondents (81%) report their senior leaders understand the role of business analysis and over 80% value the role. 90% of respondents report feeling valued in their work and state that quality of work delivered by business analysis professionals positively affects the outcome of projects and programs.

More than 75% of respondents work in the top 5 industries that employ business analysis professionals - Technology, Banking/Finance/Insurance, Consulting/Professional Services, Government, Healthcare/Pharmaceutical.

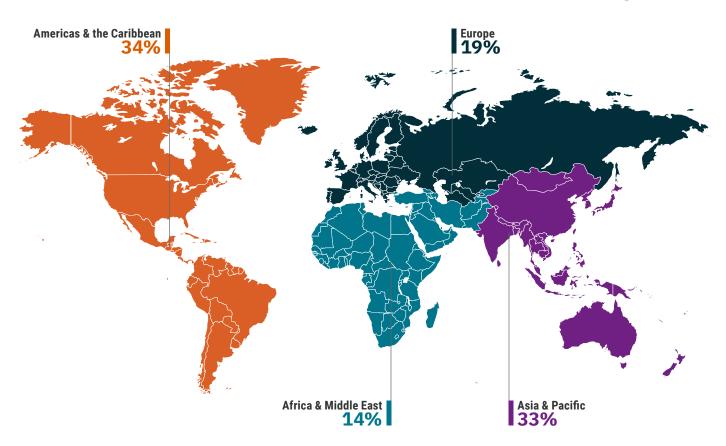
IIBA would like to share our appreciation with our members and the community who provided important data by responding to the survey.

Total Respondents & Participating Countries

Global Responses by Region

165 Countries

4,236 Respondents



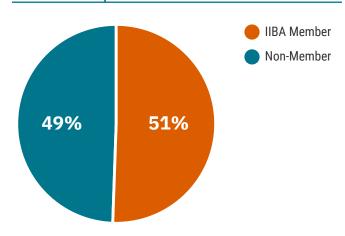
Global Responses by Gender

*Non-binary responses were not statistically relevant in survey responses.



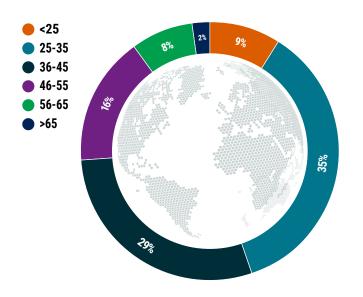
Gender responses show a 2% increase in the number of women working in business analysis. 46% of respondents identify as female, which is positive in light of global statistics showing a higher number of females than males leaving the global workforce during the pandemic.

Respondents who are IIBA Members



Demographic

Global Age of Respondents

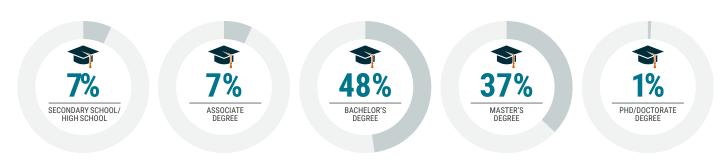


Majority of respondents are aged 25-35

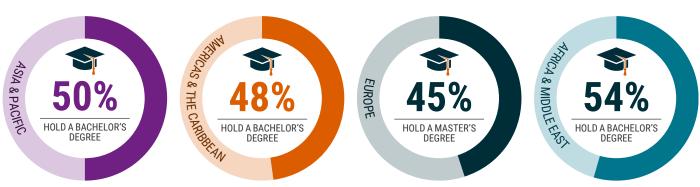
People aged 25 to 35 make up the largest group of business analysis professionals globally. Broken down by gender: 44% of women are aged 25 -35, and 56% of men are aged 25-35. Sources of information and how its delivered are different for each generation. This age group prefers employers to provide quick and easy access to the services and information they need.

Education

Highest Level of Education

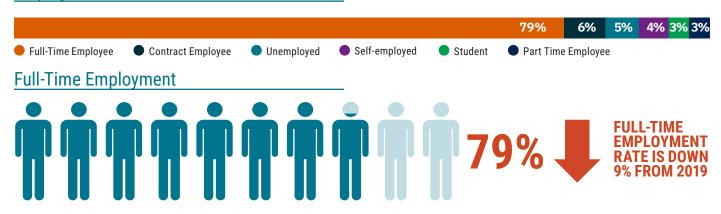


Highest Level of Education by Continents



Employment

Employment Status



Average Hours Worked Per Week



of global respondents work between 36-40 hours per week.

Average Years Of Experience



Years' Experience by Continents







ASIA & PACIFIC

46%

have less than 2 years' experience

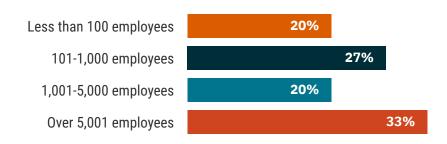
Experience

Private vs Public Sector Business Analysis Employers

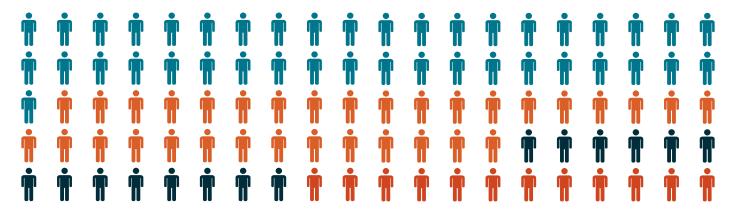


Size of Organization Where Business Analysis Professionals Work





Who Do You Report to at Your Organization?



REPORTING AREAS







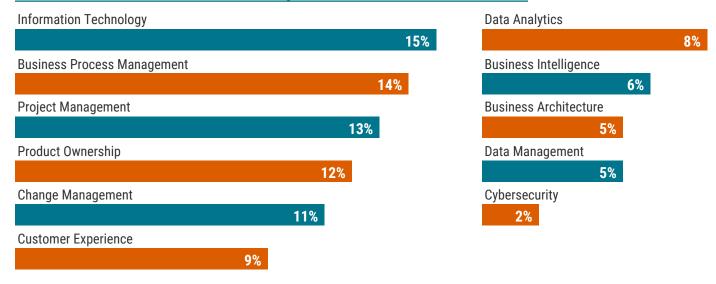


Reporting structures vary by organization size and by industry.

41% of respondents report to the Solution Space (IT/Project Manager).

Experience

Business Areas Where Business Analysis Professionals Practice



Job Levels



Job Titles

JOD TILIES		
43%	Business Analyst	
8%	Business Analyst / Project Manager	
8%	IT Business Analyst	
9%	Consultant	
6%	Manager / Director / VP / C-Level	
6%	Business Systems Analyst	
5 %	Product Owner / Product Manager	
2 %	Senior Business Analyst	
2 %	Hybrid Role	
11%	Other	



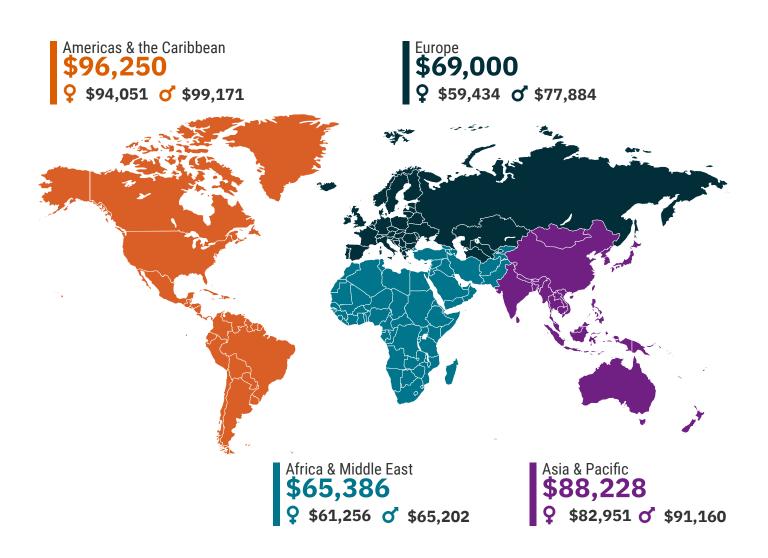
45% OF GLOBAL RESPONDENTS REPORT BUSINESS ANALYST OR SENIOR BUSINESS ANALYST IS THER TITLE.

65% of global respondents report "Business Analyst" is in their job title indicating that the role of business analysis is not always reflected in the title.

Salary

Average Salary Comparison by Continent

Average salary reported in USD.*



Average Salary by Gender*



\$83,345



MEN EARN \$88,615

In 2021, the global men's salary is **6% higher** than women's salary.

Global average salary by IIBA membership is \$90,421* vs \$79,819* for non-members

Global average salary reported in USD*

^{*}Non-binary responses were not statistically relevant in survey.



Salary

Top Industries That Employ Business Analysis Professionals

78% of respondents work in the top five industries that employ business analysis professionals. Employment in IT increased 4% from 2020 and respondents report a 2% decrease in professionals working in the banking/finance/insurance industries and a 1% decrease in the government sector.



5 Best Industries For Higher Salaries In 2021

Global average* salary reported in USD.

48% of respondents work in the top five highest paying industries. Three of the top four paying industries for business analysis professionals in 2020 continue to lure in talent in 2021. This year Transportation & Logistics and Government were bumped out of the top five by Banking/Finance/Insurance and Energy & Utilities with more than a quarter of respondents working in these industries.



Compensation Satisfaction

Business Analysts Looking to Change Role

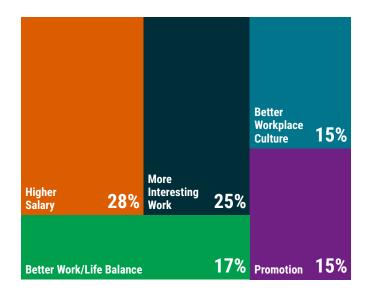
Respondents interested in planning to change jobs are interested in these roles:



Professionals Planning to Change Employers

19% of business analysis professionals plan to leave their current employer within 1 year or less.

Top three reasons for changing jobs are **higher** salary (28%), more interesting work (24%) and better work/life balance (17%).



When it comes to compensation satisfaction, responses ranged from respondents stating they would need to seek a new position (15%), change employer (23%) or change both position and employer (38%) to receive higher pay.

24% said they do not need to change their current employer or role to receive a higher salary.



Impact of Covid-19 on Employment

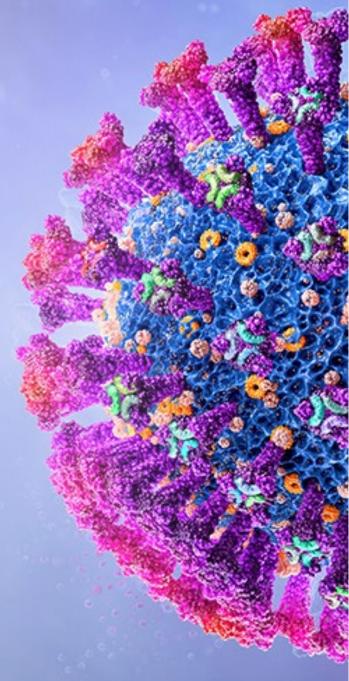
Covid-19 impact on employment shows 9% of respondents lost their job, and 28% did not receive an increase or bonus. Companies in some industries may have reduced or delayed merit increases to contain costs during the pandemic.

10% reported seeing a positive impact on their role, while 40% indicated no impact on their current role.

The pandemic did impact where business analysis professionals work with only 6% working full-time in the office and 62% reporting working remotely either temporarily or permanently.

Covid-19 global response impacted how organizations manage data sources and analytics capabilities. Four of the top 10 in-demand skills for 2020 were related to data analytics.

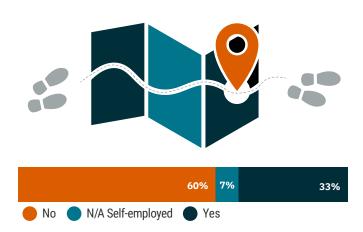
The pandemic underscored the importance of data analysis to guide strategic decisions. LinkedIn Learning reported in, The Skills Companies Need Most in 2020, that datadriven decision-making skills like analytical reasoning (#3) and business analysis (#6) are essential skills in their Top 10 Hard Skills list.



Source: https://www.linkedin.com/business/learning/blog/learning-and-development/most-in-demand-skills-2020

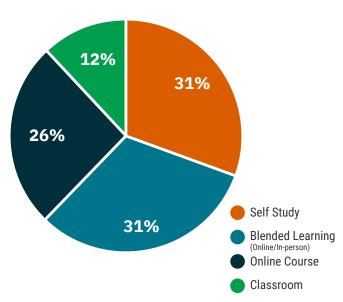
Career Development & Certification

Career Path



Business analysis professionals (33%) report their employers have a defined career path to advance their career and develop skillsets.

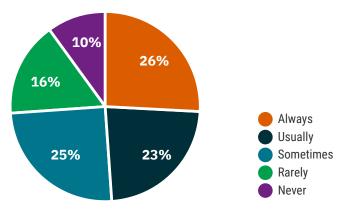
How Business Analysis Professionals Develop Their Skill Sets



Respondents prefer self-study (31%), blended learning (31%), online (26%) and classroom learning (12%).

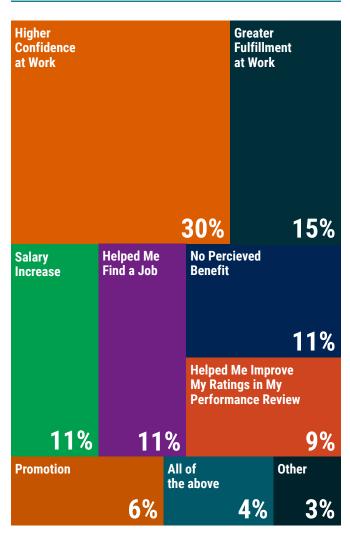
The top reasons for getting certified include higher confidence at work (30%) and greater fulfillment in their role (15%).

Does Your Employer Invest in Skills Training for Your Career Development?



Respondents report employers always or usually provide training funds (48%) to support ongoing skills development.

Benefits of Certification





How Soon Did You Experience Benefits of Earning Certification?









Would You Recommend Certification to a Colleague to Support Career Development?

92% of respondents recommend certification to support career development



NO 8%



BUSINESS ANALYSIS PROFESSIONALS WHO HOLD AT LEAST ONE CERTIFICATION **EARN 12% MORE** THAN NON-CERTIFIED RESPONDENTS



Average Global Salary for Certified Business Analysis Professionals

\$90,421



Average Global Salary for Female Respondents Who Hold Certification(s)

\$86,028



Average Global Salary for Male Respondents Who Hold Certification(s)

\$95,217



Average Global Salary for Non-Certified Business Analysis Professionals

\$79,819



Average Global Salary for Female Respondents Without Certification(s)

\$79,606



Salary for Male Respondents Without Certification(s)

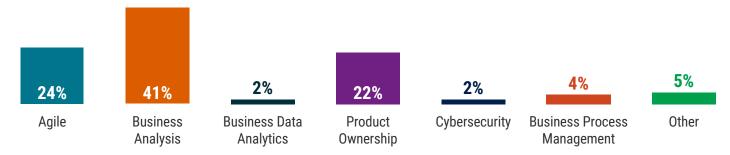
\$78,326

BUSINESS ANALYSIS PROFESSIONALS WHO HOLD ONE OR MORE IIBA CERTIFICATIONS **EARN 12% HIGHER** THAN NON-CERTIFIED RESPONDENTS

Career Development & Certification

Nearly half of all certified Business Analysis professionals choose to get certified to increase their confidence at work and to feel fulfilled, leading to increased career satisfaction. IIBA certifications validate the foundational knowledge and competencies business analysis professionals should possess based on their individual work experience and skillsets.

Which Certification(s) Do Business Analysis Professionals Hold?



Average Salary by Certifications

Salaries reported in USD.*



\$97,150*
58%
of respondents hold a CBAP certification

Business Analysis Professionals who hold CBAP certification **earn 26% more** vs non-certified professionals



\$99,136*
8%
of respondents hold a CCBA certification

Business Analysis Professionals who hold CCBA certification earn 8% more vs non-certified professionals



\$82,163*

of respondents hold a ECBA certification

Business Analysis Professionals who hold an ECBA certificate **earn 5% more** vs non-certified professionals

Average earnings for top 1/3 of CBAP holders is \$120,395 USD



\$108,017* 13% of respondents hold an AAC certification

Business Analysis Professionals who hold an AAC certification earn 26% more vs non-certified professionals



\$80,034*
5%
of respondents hold a CBDA certification

Business Analysis Professionals who hold CBDA certification **earn 1% more** vs non-certified professionals



\$95,538*

3%
of respondents hold a CCA certification

Business Analysis Professionals who hold a certificate in CCA earn 16% more vs non-certified professionals



Business Analysis Maturity Level

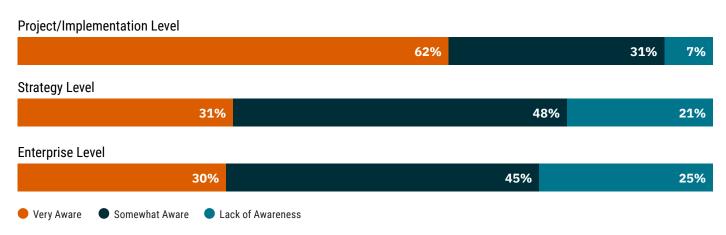
Respondents reported on the level of awareness of business analysis utilization [knowledge and process requirements] performed at the project, strategy, and enterprise level within their organization.

Over 60% of respondents reported a high level of awareness within their organization at the project level representing a moderate maturity of the business analysis role. This number dropped to 30% at the enterprise and 31% at the strategy level indicating an opportunity for greater advocacy around successful business outcomes. Respondents overwhelming stated (97%) that the quality of work delivered by business analysis professionals directly affects the outcome of a project/product.

78% of respondents agree their role is well understood within their organization, and 90% indicated they feel valued as a business analysis professional.

Over 80% of respondents feel their senior leaders understand and value the role of the business analysis professional. This support is essential to enable change and to advance business analysis practice maturity.

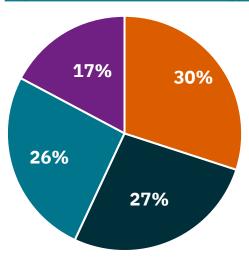
Business Analysis Practice Maturity



Respondents report utilization of business analysis within organizations at the enterprise (75%), strategy (79%) and project (93%) levels indicating an opportunity for greater advocacy around outcomes, as a result of the business analysis professional's involvement in project and program initiatives.

Business Analysis Maturity Level

Role of Business Analysis in an Organization's Business Strategy



- Improve Customer Experiences
- Grow Sales and Revenue
- Build Trust and Relationships
- Differentiate the Business or Get a Competitive Edge

Role of Business Analysis in Organizations

49% of respondents state the role of business analysis is officially recognized within their organization. 23% of respondents report they perform business analysis activities in different roles within their organization.

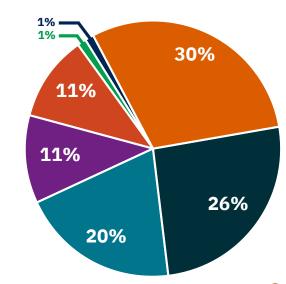
Business Analysis Best Practices

43% of respondents state their organization follows recognizedbusiness analysis standards in their daily work, 57% of respondents report their organization uses non-standard business analysis practices to manage requirements. This underscores the importance of ease of access to online tools that provide examples of how to apply a technique or which tool to use and when, following internationally recognized standards.

IIBA's KnowledgeHub for Members lets users easily access templates, checklists, videos, and "how-to" scenarios to apply in your daily work.

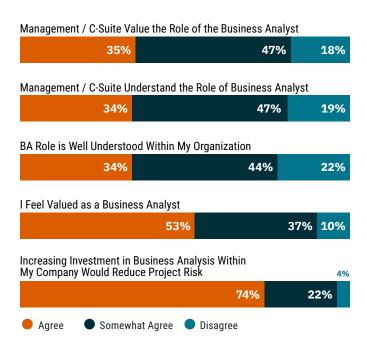


Role of Business Analysis in Enabling Strategic Change



- Recognizes Role in Collecting and Managing Requirements
 - Recognizes Role in Enabling Strategic Change
- Recognizes Capability to Align Solutions and Business Needs
 - Role in Enabling Strategic Change Not Recognized
 - Role Supports Decision Making
 - Aligns portfolio of Initiatives with Business Needs to Gain Strategic Advantage
 - All of the Above

Do Business Analysis Professionals Feel Valued?



Business Analysis Maturity Level

Top Barriers to Business Analysis Role

Respondents report the biggest barriers in their role is a lack of understanding of the role of business analysis (19%), being excluded from decision-making process (17%) and explaining business analysis to others (15%).















Role of Business Analysis

Enable Change by Defining Needs & Recommending Solutions

23%

Collect, Synthesize and Analyze Information

22%

Evaluate and Improve Business Processess

19%

Develop and Recommend Solutions

15%

Develop and Implement Solutions

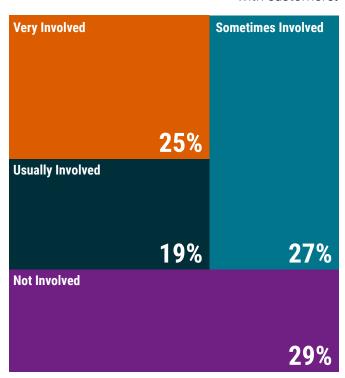
13%

Address Strategic Change to be Competitive

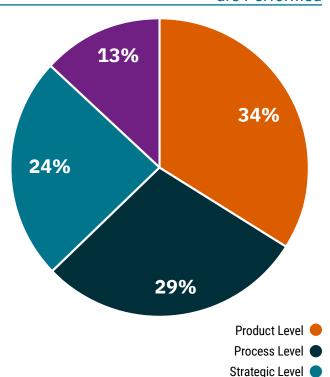
8%

Customer Engagement

25% of respondents report they are very engaged with customers.



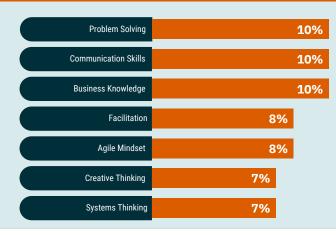
Level Where Business Analysis Activities are Performed



Occasional and Unstructured Initiative Level

Hard Skills

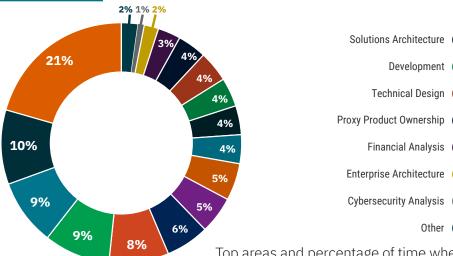
Respondents identified the following skills as the most required competencies and skillsets in their current role performing business analysis work.





Core Responsibilities

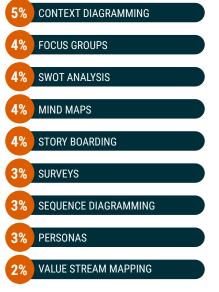




Top areas and percentage of time where business analysis professionals report they spend time performing this work.

Techniques Used Regularly in Role





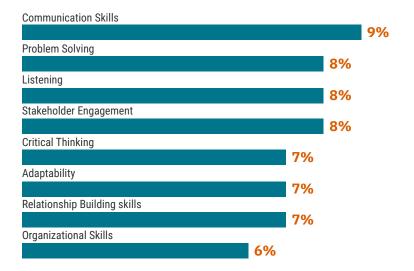


Business Analysts rank the business analysis techniques they use regularly in their role. The top 4 techniques used are:

- Brainstorming 11%
- User Stories 9%
- Interviewing 9%
- Process Modeling 8%

Soft Skills

Soft skills are transferable skills important to the success in any role. Employers value soft skills because they enable Business Analysis Professionals to cooperate, collaborate, and thrive within an organization.





Knowledge Areas (KAs)

Knowledge Areas (KAs) are based on A Guide to the Business Analysis Body of Knowledge® (BABOK® Guide), the global standard for the practice of business analysis. There are six Knowledge Areas (KAs) in BABOK® Guide. KAs highlight elements of specific analysis expertise that encompass several tasks.

Business Analysts were asked to rank the Knowledge Areas covered in the BABOK® Guide by the amount of time spent performing them:





Solution **Evaluation**

IIBA's 2021 Global State of Business Analysis Report



Agile Approaches

The relevance and ability of business analysis capabilities and competencies has helped organizations with Agile operating models navigate the pandemic crisis more responsively. Agile Analysis is aligned to business analysis competencies focusing on value, communication, collaboration, engagement, and stakeholders.

Agile analysis opportunities continue to grow as more organizations realize successful outcomes require having the skillsets of a business analyst on their agile project teams. For those working in agile, the Agile Analysis Certification (IIBA®-AAC) demonstrates you can successfully apply your business analysis skills to agile methodologies.

76% OF BUSINESS ANALYSIS PROFESSIONALS PRACTICE AGILE APPROACHES



Reasons Why Organizations Adopt Agile Approaches



29%
Shorten Time to Market

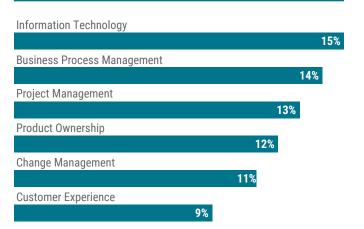
25%
Enhance Collaboration

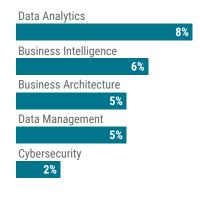






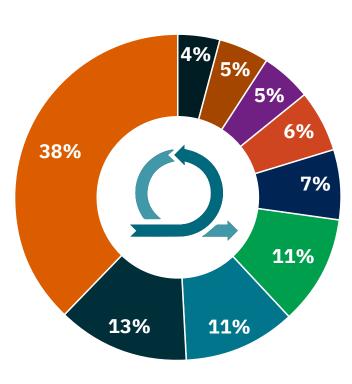
Which Areas Do You Practice Agile In?





Which Agile Approaches Do You Practice?

- Scrum
- DevOps
- Scaled Agile / Agile at Scale
- Lean & Kanban Software Development
- Scrumban
- Behaviour-Driven Development
- Test-Driven Development
- Feature-Driven Development
- Other





What Are The Skills Needed To Be A Strong Agile Business Analysis Professional?

19% Stimulate Collaboration & Continuous Improvement

18% Think As A Customer

17% Analze To Determine What Is Valuable

13% Understand What Is Doable

12% Avoid Waste

12% See The Whole

9% Get Real Using Examples

Even working in Agile, you can and should still focus on long-term planning. Business Analysis professionals report that their Agile team focuses on long-term results 35%-53% of the time.







Product Ownership

Not Yet

No

Respondents ranked the agile business analysis approaches, techniques, and skills required as a Product Owner. The results aligned with the Agile Business Analysis principles of "Analyze to determine what is valuable".

Organizations Involved in Product Ownership Analysis (POA)



BUSINESS ANALYSIS PROFESSIONALS WORKING IN A POA ROLE (31%) OR TRANSITIONING TO ONE (30%)

How Business Analysis Professionals Are Involved in Product Ownership



WORKING AS A PROXY PRODUCT OWNER (24%) OR DIRECTLY SUPPORT PRODUCT OWNER (46%)

Product Ownership

Business Analysis Skills Required in a POA Role

Respondents were asked to rank business analysis skills required:















Advancing Organizational Strategy

80%

Delivering Enough Value to Allow For Feedback

94%

Cultivating Customer Intimacy

86%

Adapting to Feedback

92%

Nurturing Creativity, Innovation & Team Collaboration

88%

Creating Value Continuously

92%

IIBA's Certificate in Product Ownership Analysis (IIBA®-CPOA) provides the opportunity to acquire essential concepts needed to create successful products.



Digital Transformation

Digital transformation continues to play a critical role in organizations operations. This year 80% of respondents reported their organization has implemented digital or is in the planning/implementation stage. This is up 3% from 2020.

28% of respondents report being very involved

37% of respondents report being somewhat involved



65% OF BUSINESS ANALYSIS PROFESSIONALS REPORT BEING INVOLVED IN DIGITAL INITIATIVES.





Business Functions Where Digital Initiatives are Performed



Top 5 Digital Techniques Used to Deliver Digital Initiatives







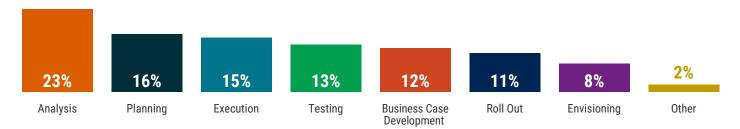
CUSTOMER JOURNEY





MAPS STATEMENTS

Activities Where Business Analysis Professionals are Involved in Digital Initiatives





62% OF RESPONDENTS REPORT THEIR ORGANIZATION HAS A CYBERSECURITY FRAMEWORK





42% OF RESPONDENTS REPORT BUSINESS ANALYSIS PROFESSIONALS HAVE A ROLE IN THEIR ORGANIZATION'S CYBERSECURITY

The need for the Business Analysis community to include security as part of the holistic analysis will only increase as cybercrime threats grow. In 2020, IIBA and IEEE partnered to develop and launch an innovative program that supports business analysis practitioners for whom cybersecurity has become an increasing area of concern. The Certificate in Cybersecurity Analysis (IIBA®- CCA) demonstrates this competency to the marketplace.

Cybersecurity

WHAT SKILLS ARE IMPORTANT?

Respondents were able to make multiple selections

According to respondents the most important or important skills business analysis professionals will need to work in cybersecurity are Risk Management, Disaster Recovery and Security Tool Implementation:



93%

Risk Management



89%

Compliance Knowledge



85%

Disaster Recovery



85%

Security Tool Implementation



76%

Business Cases and Budgeting

1. Accenture, Cybersecurity threats are growing. Attack them. 2018



Business Data Analytics

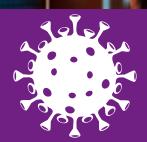
Keith Ellis, Chief Engagement & Growth Officer, IIBA

This year's results are reinforced by the IIBA Global Research Report *Achieving more with Data*, which found business analysis capability essential to achieving a data-driven organization. Not only are failure rates considerably lower when engaging business analysis professionals, the ROI is 3X higher for high performers which routinely deploy business analysis professionals into a more strategic role. Demand for analytical skills is growing; in 2021, nearly 50% of GSBA respondents reported their organization accelerated their focus on data analytics.

Success in business data analytics requires business analysis professionals lead certain analysis practices first described in IIBA's *Guide to Business Data Analytics* and further refined in *Achieving More with Data*. These findings are consistent, with fully 30% of business analysis professionals reporting that they are engaged in 'proposing strategy'. This field requires that business analysis professionals build depth in data science, math and statistics, alongside deep communication and collaboration skills.

36% of respondents report they are involved in Business Data Analytics.

46% OF RESPONDENTS REPORT THEIR ORGANIZATION INCREASED THEIR FOCUS ON ANALYTICS DURING THE PANDEMIC.



"Regardless of the urgency, it is important to take a step back and prepare for change. Companies that rush into business data analytics without having all the pieces in place typically develop solutions that miss the mark, have poor data quality, and rely on intuition and gut over data*."

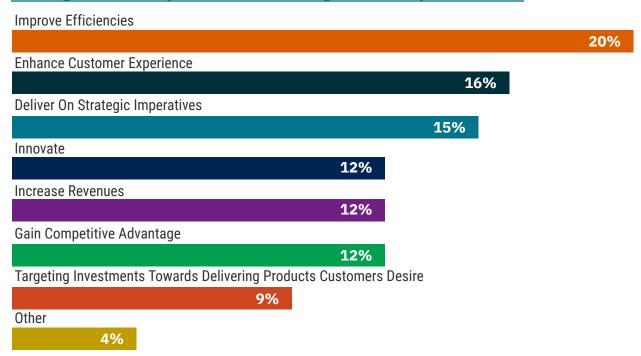
Source: IIBA, 2021, Achieving More with Data: The Critical Role of Business Analysis in Becoming a Data-Driven Organization, Global Research Business Leadership Part A: How Business Data Analytics is Transforming Industry

Business Data Analytics



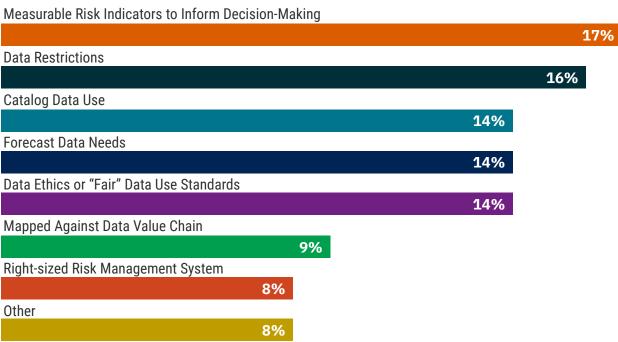


Your Organization's Key Reasons For Investing in Data Analysis



20% OF RESPONDENTS REPORT IMPROVING EFFICIENCIES IS THE KEY REASON THEIR ORGANIZATION HAS INVESTED IN BUSINESS DATA ANALYTICS.

What Does Your Organization's Data Strategy Cover?



Business Data Analytics

Skills important for Business Analysts Practicing Business Data Analytics

Respondents were able to make multiple selections



^{*}In Structured Query Language (SQL), Statistics, Data Visualization, Data Storytelling

Which Business Data Analytics Domains are Most Important in Your Role?

Respondents were able to make multiple selections

Identify Research Questions
75%

Source Data
85%

Analyze Data

Use Results to Influence Business Decision-making

83%

Guide Company-level Strategy for Business

65%

Interpret and Report Results



Certification in Business Data Analytics You're in high demand. Showcase your expertise.

The Certification in Business Data Analytics recognizes your ability to effectively execute analysis-related work in support of business analytics initiatives.

The Certification in Business Data Analytics dives deep into the 6 Business Data Analytics practice domains:

- Identify the Research Questions
- Source Data
- Analyze Data
- Interpret and Report Data
- Use Results to Influence Decision Making
- Guide Organization-level Strategy for Business Data Analytics







Regional Results: United States

19% of respondents are from the United States of America

70% OF US RESPONDENTS ARE IIBA MEMBERS

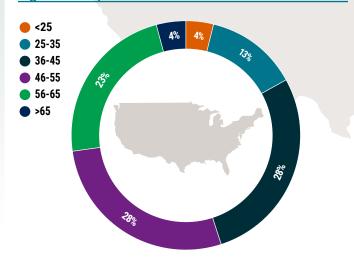


Average Salary

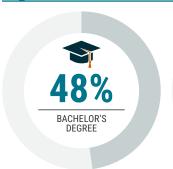
Average Business Analyst salary in US Dollars USD

\$108,586

Age of Respondents



Highest Level of Education





Average Salary by Gender*

*Non-binary responses were not statistically relevant in survey.



Male respondents on average earn 14% more than female Business Analysis professionals

Average Salary by Gender by Education Level

Male respondents who hold a Bachelor's Degree earn on average **\$117,942 USD** versus female respondents who hold a Bachelor's Degree earn on average **\$101,830 USD**

Respondents who hold a minimum of one certification earn on average 18% more than non-certified professionals



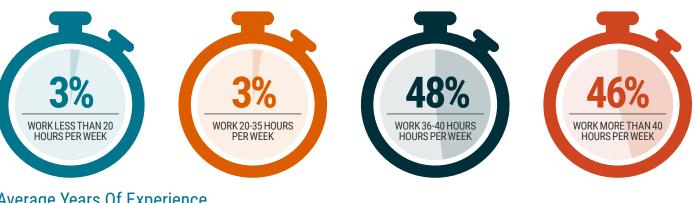
26% of Business Analysts Hold an IIBA CBAP® Certification

AVERAGE SALARY OF PROFESSIONALS WHO HOLD AN IIBA CBAP® CERTIFICATION

\$121,839 USD

Regional Results: United States (continued)





Average Years Of Experience

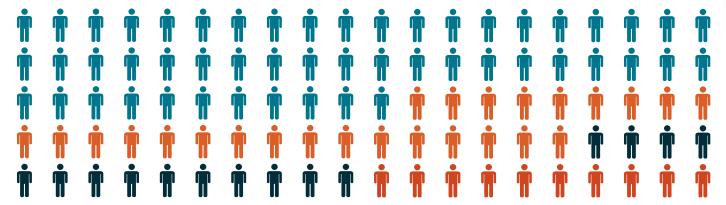


Private vs Public Sector Business Analysis Employers



39% of respondents work for a large organization with more than **5,000 employees**

Who Do You Report to at Your Organization?













Regional Results: United States (continued)

Top 3 Industries Where Business Analysts Work



Banking / Finance / Insurance 25%



Information Technology 18%



Healthcare / Pharmaceutical

3 Best Industries For Higher Salaries In 2021



Consulting / Professional Services \$135,870 USD

Earn 20% More Than the Country Average



Communications/Telecom

\$113,383 USD

Earn 4% More Than the Country Average

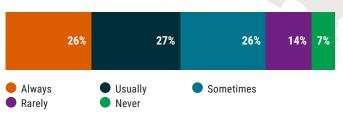


Healthcare/Pharmaceutical

\$110,954 USD

Earn 2% More
Than the Country Average

Employer Invests in Skills Training



Top 3 Job Titles

28% Business Analyst

10% Business Systems Analyst

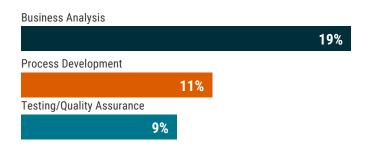
9% IT Business Analyst / Project Manager

Top 3 Soft Skills



Top 3 Responsibilities





Regional Results: United States (continued)

Agile Analysis



79% of respondents are involved in Agile Top 3 Agile Approaches

Top 3 Digital Techniques



32% of respondents are in a Product **Owner Analysis role**

DevOps 13% Scaled Agile/Agile At Scale

Digital Initatives

54% of Respondents are **Involved on Digital Initiatives**

User Stories	26%
Design Thinking	15%
Customer Journey Maps	13%

Business Data Analytics



Top 3 Business Data Analysis Skills







Problem Solving



Organizational Knowldae

Cybersecurity



Risk Management



Compliance Knowledge



Top 3 Cybersecurity Skills

Recovery



11% of respondents are from Canada

70% OF CANADA'S RESPONDENTS ARE IIBA MEMBERS



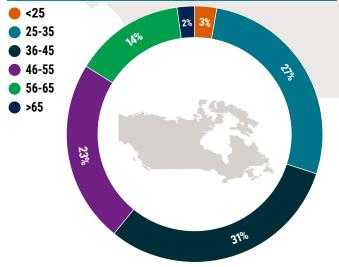
Average Salary

Average Business Analyst salary in Canadian Dollars CAD

\$96,030 CAD

Conversion rate = \$1.236 CAD/1 USD for 10/25/2021

Age of Respondents



Highest Level of Education





Average Salary by Gender*

*Non-binary responses were not statistically relevant in survey.



\$91,953 CAD



\$99,252 CAD

Male respondents on average earn 7% more than female Business Analysis professionals

Average Salary by Gender by Education Level

Female respondents who hold a Bachelor's Degree earn on average \$94,558 CAD versus male respondents who hold a Bachelor's Degree earn on average \$90,780 CAD

Respondents who hold a minimum of one certification earn on average 20% more than non-certified professionals



30% of Business Analysts Hold an IIBA CBAP® Certification

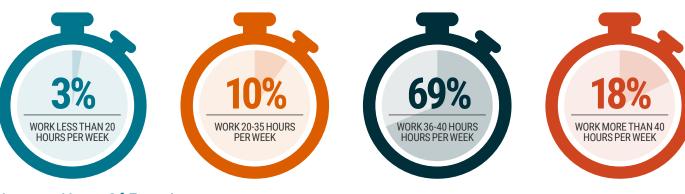
AVERAGE SALARY OF PROFESSIONALS WHO HOLD AN IIBA CBAP® CERTIFICATION

\$108,075 CAD



Regional Results: Canada (continued)

Average Hours Worked Per Week



Average Years Of Experience

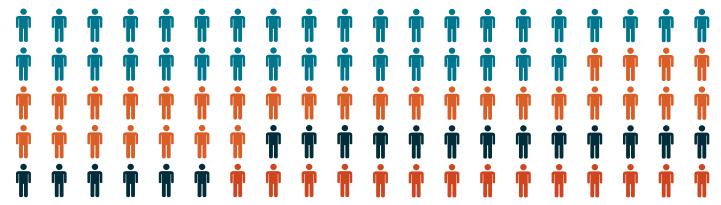


Private vs Public Sector Business Analysis Employers



37% of respondents work for a large organization with more than 5,000 employees

Who Do You Report to at Your Organization?



REPORTING AREAS











Regional Results: Canada (continued)

Top 3 Industries Where Business Analysts Work



Banking / Finance / Insurance



Information Technology **17%**



Government 15%

3 Best Industries For Higher Salaries In 2021



\$119,012 CAD

Earn 19% More Than the Country Average



Consulting / Professional Services

\$113,408 CAD

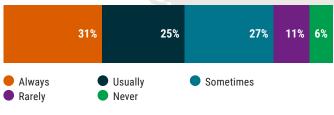
Earn 15% More Than the Country Average



\$98,873 CAD

Earn 3% More Than the Country Average

Employer Invests in Skills Training



Top 4 Job Titles

38% Business Analyst

7% Business Systems Analyst

7% Manager / Director / VP / C-Level

7% Consultant

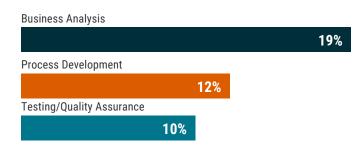
56% of respondents report **Business Analyst in their title**



Top 3 Soft Skills



Top 3 Responsibilities



40%

-

Regional Results: Canada (continued)

Agile Analysis



74% of respondents are **involved in Agile**

Scrum

Top 3 Agile Approaches

DevOps

Lean & Kanban Software Development

11%

27% of respondents are in a Product Owner Analysis role

Digital Initatives

65% of Respondents are Involved on Digital Initiatives

Top 3 Digital Techniques

User Stories	25%
Design Thinking	16%
Customer Journey Maps	15%

Business Data Analytics

34% of respondents said they are involved in Business Data Analytics in their role

Top 3 Business Data Analysis Skills







Communication



Specialized Skills*

*Structured Query Language (SQL), statistics, data visualization, data storytelling

Cybersecurity

24% of Respondents Currently Work in or are Transitioning to a Role In Cybersecurity

Top 3 Cybersecurity Skills



Risk Management



Compliance Knowledge



Disaster Recovery



Regional Results: United Kingdom

4% of respondents are from the United Kingdom

44% OF UK RESPONDENTS ARE **IIBA MEMBERS**



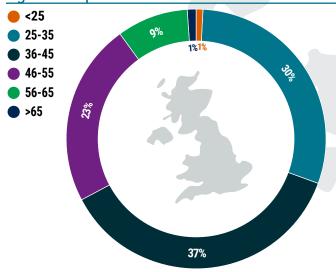
Average Salary

Average Business Analyst salary in British Pounds GBP

£56,522

Conversion rate = 0.7266 GBP/1 USD for 10/25/2021

Age of Respondents



Highest Level of Education





Average Salary by Gender*

*Non-binary responses were not statistically relevant in survey.



WOMEN EARN

£52,691



MEN EARN

£60,396

Male respondents on average earn 13% more than female Business Analysis professionals

Average Salary by Gender by Education Level

Male respondents who hold a Bachelor's Degree earn on average £63,312 versus female respondents who hold a Bachelor's Degree earn on average £49,022

Respondents who hold a minimum of one certification earn on average 19% more than non-certified professionals



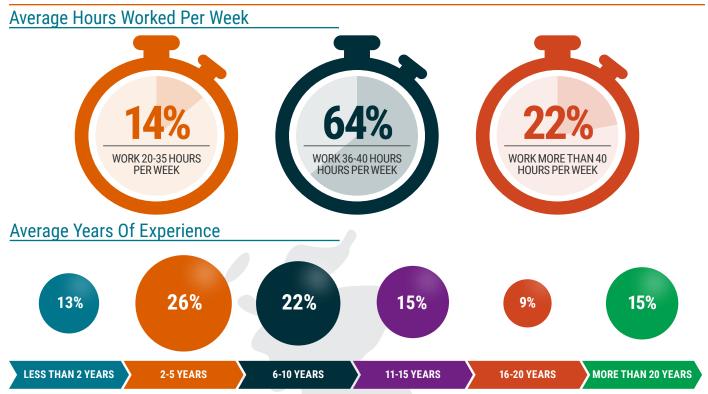
4% of Business Analysts Hold an IIBA CBAP® Certification

AVERAGE SALARY OF PROFESSIONALS WHO HOLD AN IIBA CBAP® CERTIFICATION

£62,729

Regional Results: United Kingdom (continued)



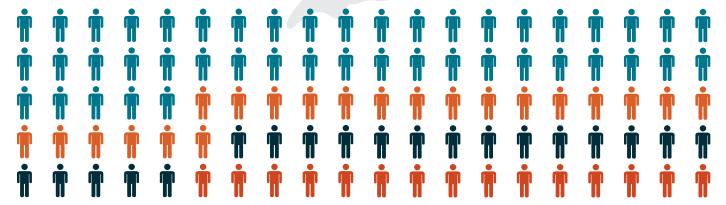


Private vs Public Sector Business Analysis Employers



37% of respondents work for a large organization with more than 5,000 employees

Who Do You Report to at Your Organization?



REPORTING AREAS











Regional Results: United Kingdom (continued)

Top 3 Industries Where Business Analysts Work



Banking / Finance / Insurance



Information Technology 18%



Consulting / Professional Services



Government 90/0

2 Best Industries For Higher Salaries In 2021



Banking / Finance / Insurance

£58,756

Earn 4% More Than the Country Average

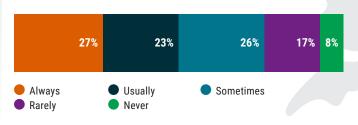


Consulting/Professional Services

£66,406

Earn 15% More Than the Country Average

Employer Invests in Skills Training



Top 3 Job Titles

53% Business Analyst

5% Manager / Director / VP / C-Level4% Business Analyst / Project Manager

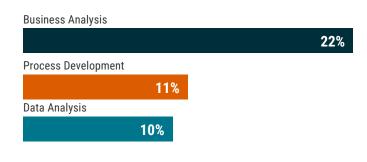
69% of respondents report **Business Analyst in their title**



Top 3 Soft Skills



Top 3 Responsibilities



Regional Results: United Kingdom (continued)

Agile Analysis



92% of respondents are involved in Agile

18% of respondents are in a Product Owner Analysis role

Top 3 Agile Approaches

Top 3 Digital Techniques

29%

Lean & Kanban Software Development

Scaled Agile/Agile At Scale

12%

DevOps

Scrum

Digital Initatives

67% of Respondents are **Involved on Digital Initiatives**

User Stories	25%
Customer Journey Maps	20%
Desian Thinking	15%

Business Data Analytics

38% of respondents said they are involved in **Business Data Analytics** in their role

Top 3 Business Data Analysis Skills



Problem Solvina



Communication



Organizational Knowledge

Top 3 Cybersecurity Skills

Cybersecurity



Risk Management

Compliance Knowledge



Recovery

③

Regional Results: India

19% of respondents are from India

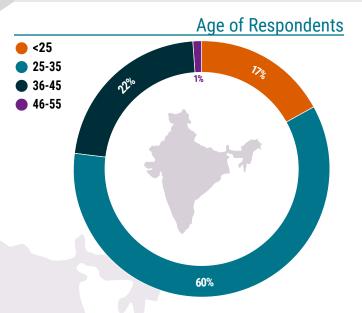


Highest Level of Education





26% OF INDIA's RESPONDENTS ARE IIBA MEMBERS



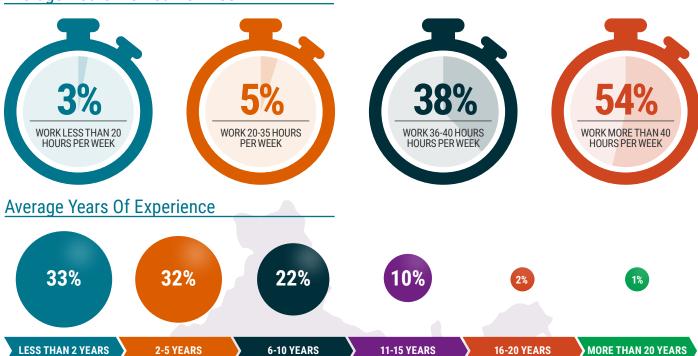


12% of Business Analysts Hold an IIBA CBAP® Certification



Regional Results: India (continued)

Average Hours Worked Per Week

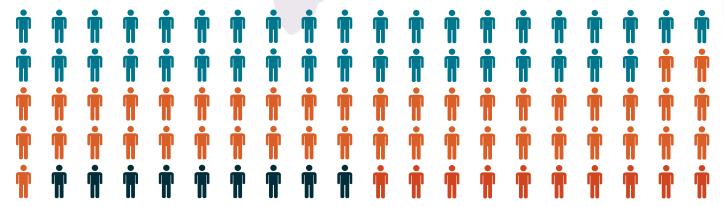


Private vs Public Sector Business Analysis Employers



49% of respondents work for a large organization with more than **5,000 employees**

Who Do You Report to at Your Organization?



REPORTING AREAS











Regional Results: India (continued)

Top 3 Industries Where Business Analysts Work



Information Technology



Banking / Finance / Insurance 21%



Consulting / Professional Services

Employer Invests in Skills Training



Top 3 Job Titles

44% **Business Analyst**

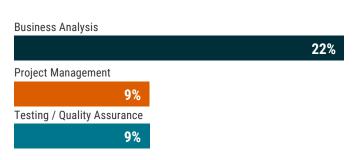
Business Analyst / Project Manager 6% 4% Product Owner / Product Manager

55% of respondents report **Business Analyst in their title**

Top 3 Soft Skills



Top 3 Responsibilities



Regional Results: India (continued)

Agile Analysis



75% of respondents are **involved in Agile**

Top 3 Agile Approaches

Top 3 Digital Techniques

Scrum

40%

Scaled Agile/Agile At Scale

12%

DevOps

11%

39% of respondents are in a Product Owner Analysis role

Digital Initatives

63%
of Respondents are
Involved on Digital Initiatives

User Stories	23%
Design Thinking	14%
Customer Journey Maps	13%

Business Data Analytics



Top 3 Business Data Analysis Skills



Problem Solving



Communication



Creative Thinking

Cybersecurity

25% of Respondents Currently Work in or are Transitioning to a Role In Cybersecurity

A

Risk Management

2

Disaster Recovery



Top 3 Cybersecurity Skills

Compliance Knowledge



5% of respondents are from Australia

74% OF AUSTRALIA'S RESPONDENTS ARE **IIBA MEMBERS**



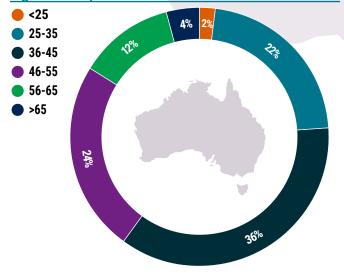
Average Salary

Average Business Analyst salary in Australia Dollars AUD

\$127,880 AUD

Conversion rate = \$1.336 AUD/1 USD for 10/25/2021

Age of Respondents



Highest Level of Education





Average Salary by Gender*

*Non-binary responses were not statistically relevant in survey.





MEN EARN \$130,564 AUD

Male respondents on average earn **6% more** than female Business Analysis professionals

Average Salary by Gender by Education Level

Male respondents who hold a Bachelor's Degree earn on average **\$129,867 AUD** versus female respondents who hold a Bachelor's Degree earn on average **\$118,109 AUD**

Respondents who hold a minimum of one certification earn on average 11% more than non-certified professionals



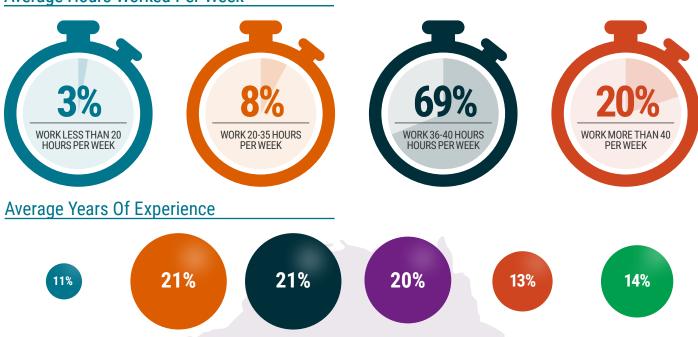
23% of Business Analysts Hold an IIBA CBAP® Certification

AVERAGE SALARY OF PROFESSIONALS WHO HOLD AN IIBA CBAP® CERTIFICATION

\$139,156 AUD

Regional Results: Australia (continued)

Average Hours Worked Per Week



Private vs Public Sector Business Analysis Employers

2-5 YEARS

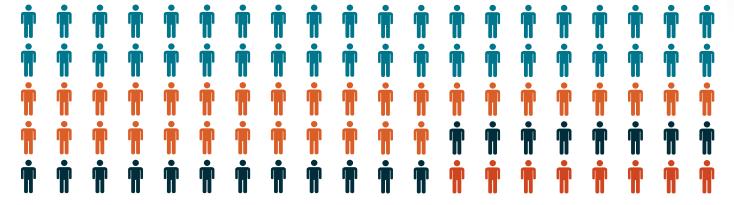


11-15 YEARS

6-10 YEARS

30% of respondents work for a large organization with more than 5,000 employees

Who Do You Report to at Your Organization?



REPORTING AREAS



LESS THAN 2 YEARS







MORE THAN 20 YEARS

16-20 YEARS



Regional Results: Australia (continued)

Top 3 Industries Where BAs Work



Banking / Finance / Insurance



Information Technology 18%



Top 3 Soft Skills

2 Best Industries For Higher Salaries In 2021



Banking / Finance / Insurance

\$139,800 AUD

Earn 9% More Than the Country Average

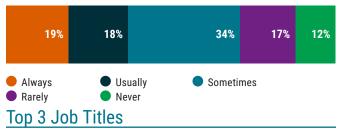


Transportation/Logistics

\$130,452 AUD

Earn 2% More Than the Country Average

Employer Invests in Skills Training



42% Business Analyst

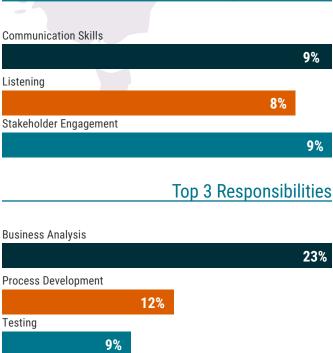
8% Business Analyst / Project Manager

5% IT Business Analyst

5% Senior Business Analyst

70% of respondents report Business Analyst in their title





Regional Results: Australia (continued)

Agile Analysis

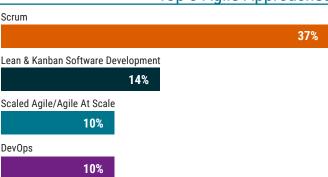


75% of respondents are involved in Agile

23% of respondents are in a Product Owner Analysis role

Top 3 Agile Approaches

Top 3 Digital Techniques



Digital Initatives

61%

of Respondents are **Involved on Digital Initiatives**

User Stories	27%
Customer Journey Maps	17%
Design Thinking	15%

Business Data Analytics



Top 3 Business Data Analysis Skills







Problem Solving



Organizational Knowldge

Top 3 Cybersecurity Skills

Cybersecurity



Risk Management

Compliance Knowledge



Recovery



Regional Results Snapshot

One of the biggest takeaways from this year's survey is the impact of technology driving growth in business data analytics, digital transformation and cybersecurity analysis. We looked at the competencies that business analysis professionals, like you, report are in-demand from organizations hiring. In this section, we take a look at the soft and hard skills that have been steadily growing in demand around the world. Global participation in this annual survey allows IIBA to look at what's important to business analysis professionals working in different geographies.

South Africa

38% of respondents are in the 25-35 years age group

27% of respondents have on average 6-10 years' business analysis work experience

Top 3 Business Analysis Titles

40% Business Analyst
7% IT Business Analyst

5% Consultant

63% of respondents have Business Analyst in their title



68% of respondents hold a minimum of one certification

43% of respondents hold a minimum of one IIBA certification

Top 3 Industries Where Business Analysts Work

Banking / Finance / Insurance

Information Technology 22%

Consulting / Professional Services 8%

78% of respondents involved in Agile

69% of respondents are in or are transitioning to a Product Ownership Analysis role

27% of respondents are involved in Business Data Analytics

25% of respondents are involved in or are transitioning to a cybersecurity role

Nigeria

44% of respondents are in the 25-35 years age group

40% of respondents have on average 2-5 years' business analysis work experience

Top 3 Business Analysis Titles

12% Business Analyst

Manager / Director / VP / C-Level **12% Business Relationship Manager 7**%

33% of respondents have

Business Analyst in their title



44% of respondents hold a minimum of one certification

27% of respondents hold a minimum of one IIBA certification

Top 3 Industries Where **Business Analysts Work**

Banking / Finance / Insurance

Energy & Utilities 10%

Consulting / Professional Services

66% of respondents involved in Agile

76% of respondents are in or are transitioning to a Product Ownership Analysis role

> 54% of respondents are involved in Business Data Analytics

30% of respondents are involved in or are transitioning to a cybersecurity role

New Zealand

35% of respondents are in the 45-55 years age group

24% of respondents have on average 6-10 years' business analysis work experience

Top 3 Business Analysis Titles

62% Business Analyst 10% IT Business Analyst Senior Business Analyst **7**%

> 81% of respondents have **Business Analyst in their title**



46% of respondents hold a minimum of one certification

52% of respondents hold a minimum of one IIBA certification

Top 3 Industries Where **Business Analysts Work**

Information Technology

31%

Government 26%

Banking / Finance / Insurance 9%

81% of respondents involved in Agile

51% of respondents are in or are transitioning to a Product Ownership Analysis role

> 31% of respondents are involved in Business Data Analytics

10% of respondents are involved in or are transitioning to a cybersecurity role

Top 3 Industries Where Business Analysts Work

64% of respondents are in the 25-35 years age group

33% of respondents have on average 2-5 years' business analysis work experience

Top 3 Business Analysis Titles

48% Business Analyst
12% IT Business Analyst

10% Business Analyst / Project Manager

63% of respondents have Business Analyst in their title



50% of respondents hold a minimum of one certification

58% of respondents hold a minimum of one IIBA certification



Banking / Finance / Insurance



91% of respondents involved in Agile

65% of respondents are in or are transitioning to a Product Ownership Analysis role

29% of respondents are involved in Business Data Analytics

19% of respondents are involved in or are transitioning to a cybersecurity role

Poland

47% of respondents are in the 25-35 years age group

41% of respondents have on average less than 2 years' business analysis work experience.

Top 3 Business Analysis Titles

34% Business Analyst

16% Business Systems Analyst

14% IT Business Analyst

67% of respondents have Business Analyst in their title



60% of respondents hold a minimum of one certification

46% of respondents hold a minimum of one IIBA certification

Top 3 Industries Where Business Analysts Work

Information Technology 50%

Banking / Finance / Insurance 20%

Healthcare / Pharmaceutical 11%

97% of respondents involved in Agile

57% of respondents are in or are transitioning to a Product Ownership Analysis role

21% of respondents are involved in Business Data Analytics

15% of respondents are involved in or are transitioning to a cybersecurity role

67% of respondents are in the 25-35 years age group

40% of respondents have on average less than 2 years' business analysis work experience.

Top 3 Business Analysis Titles

45% Business Analyst

7% Business Analyst / Project Manager

7% Consultant

54% of respondents have Business Analyst in their title



22% of respondents hold a minimum of one certification

25% of respondents hold a minimum of one IIBA certification

Information Technology

62%

Banking / Finance / Insurance



67% of respondents involved in Agile

90% of respondents are in or are transitioning to a Product Ownership Analysis role

22% of respondents are involved in Business Data Analytics

15% of respondents are involved in or are transitioning to a cybersecurity role

Italy

35% of respondents are in the 45-55 years age group

25% of respondents have on average 16-20 years' business analysis work experience

Top 3 Business Analysis Titles

29% Business Analyst

14% Business Consultant

11% Business Analyst / Project Manager

48% of respondents have Business Analyst in their title



88% of respondents hold a minimum of one certification

82% of respondents hold a minimum of one IIBA certification

Top 3 Industries Where Business Analysts Work

Information Technology

46%

Consulting / Professional Services

Government 11%

68% of respondents involved in Agile

27% of respondents are in or are transitioning to a Product Ownership Analysis role

32% of respondents are involved in Business Data Analytics

9% of respondents are involved in or are transitioning to a cybersecurity role



Conclusion

Overall, this year's results suggest the variety and complexity of business analysis work continues to change as we see an increased focus on agile analysis, data analysis, digital, product owner, and cybersecurity analysis skillset development. The report provides a global business analysis view of the demand for tools and resources to support daily work and certifications to validate capabilities and experience. In this year's report, we see business analysis professionals becoming more involved in strategy and an increase in the understanding and value of business analysis within organizations to deliver better outcomes.

Member Exclusive Reports

IIBA's Global Research full report findings are available exclusively through IIBA's Membership. IIBA Membership gives you access to essential tools and resources including the BABOK® Guide, the Agile Extension, IIBA's KnowledgeHub, whitepapers, educational webinars, and more that will empower you to create better business outcomes.

Learn more at IIBA.org/Global-Research



GSBA Survey Reporting Guidelines

The statistical significance has been calculated to be + or - 3% based on # and quality of respondents & the breakdown of the regions

Exclusion Criteria:

Exclusions provide a balance of criteria to support the reliability and replicability of data.

Data included only if minimum of 10 individuals provided information for a given response choice Percentages less than 0.5% are denoted by the symbol "**"

** average salary excludes results below \$25,000 USD.

KnowledgeHub

Your Access to Analysis

IIBA's KnowledgeHub is a brand-new online destination with actionable business analysis content. The KnowledgeHub provides IIBA Members with online, searchable access to the BABOK® Guide and community-driven content, such as relevant "how do I" scenarios, templates, videos, checklists, and infographics that can be applied to everyday business analysis practices.



#AccessToAnalysis

"How-To" Insights in Real-Time

IIBA's KnowledgeHub features include:

- A dynamic, engaging, and relevant BABOK® Guide experience.
- · Robust navigation and menu design.
- Intuitive predictive search functionality and more!

Community-Driven Content

IIBA's KnowledgeHub provides valuable community-driven content such as "how do I" scenarios contributed by leading business analysis professionals. "How do I" Scenarios topics range from capturing key requirements, to understanding business processes, to identifying needs, and describing user system interactions.

Practical Tips & Tools When You Need It

IIBA's KnowledgeHub provides a seamless and robust way to engage with IIBA's standards, plus valuable tips, tools, and templates.

Member Exclusive Access

IIBA Membership gives you exclusive access to IIBA's KnowledgeHub.

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