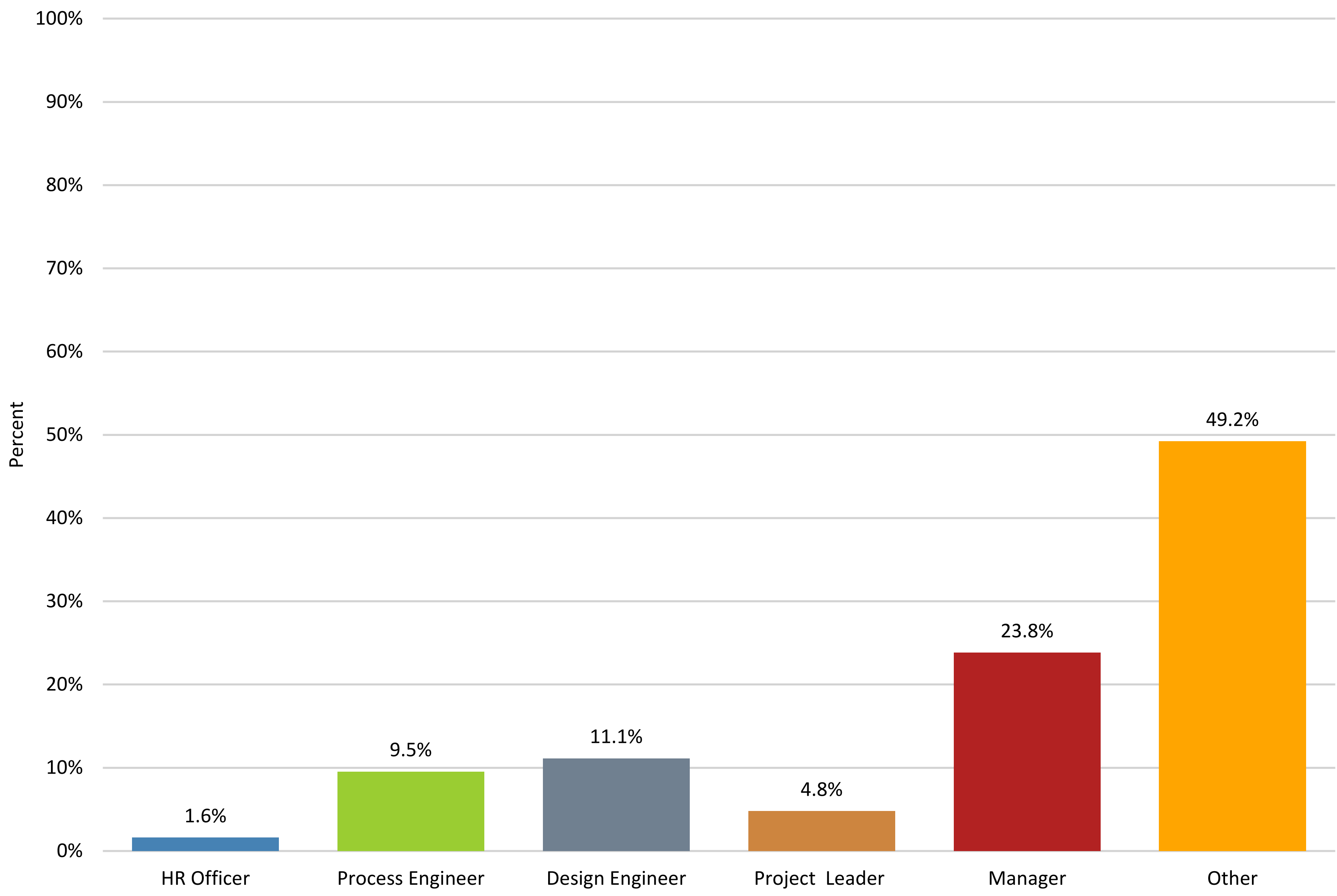
1. Your position



1. Your position

Name	Percent
HR Officer	1.6%
Process Engineer	9.5%
Design Engineer	11.1%
Project Leader	4.8%
Manager	23.8%
Other	49.2%
N	63

1. Your position

surah.awg@gmail.com:
RESEARCHER

mamat_tzm@hotmail.com:
LAB SUPERVISOR

hqchin@its-envilab.com:
Chemist

shyong_86@yahoo.com:
Chemist

cheefaileong@gmail.com:
Sales

norhaznihassan@yahoo.com:
Technical Lab

nurolaidadahalan@gmail.com:
Chemist

chenhung90@gmail.com:
Chemist

syedhafiz176@gmail.com:
Lab executive

nooraida.isa@gmail.com:
Chemist

shahromey_othman@petronas.com:
Chemist

victormu@ariel.ac.il:
Ph.D. student

cady.yap@gmail.com:
Chemist

1. Your position

siva.omana@gmail.com:
Personal driver

raku.nadarajah.mmu@gmail.com:
Telecommunications engineer

munirahsaadom@gmail.com:
Clerk

veera_arumugam@yahoo.com:
Insurance team leader

malisaulullazmi@gmail.com:
Project Officer

chenting092800@163.com:
RA

jasonchen777@163.com:
student

noorazlin_cd@yahoo.com:
Assistant Science Officer

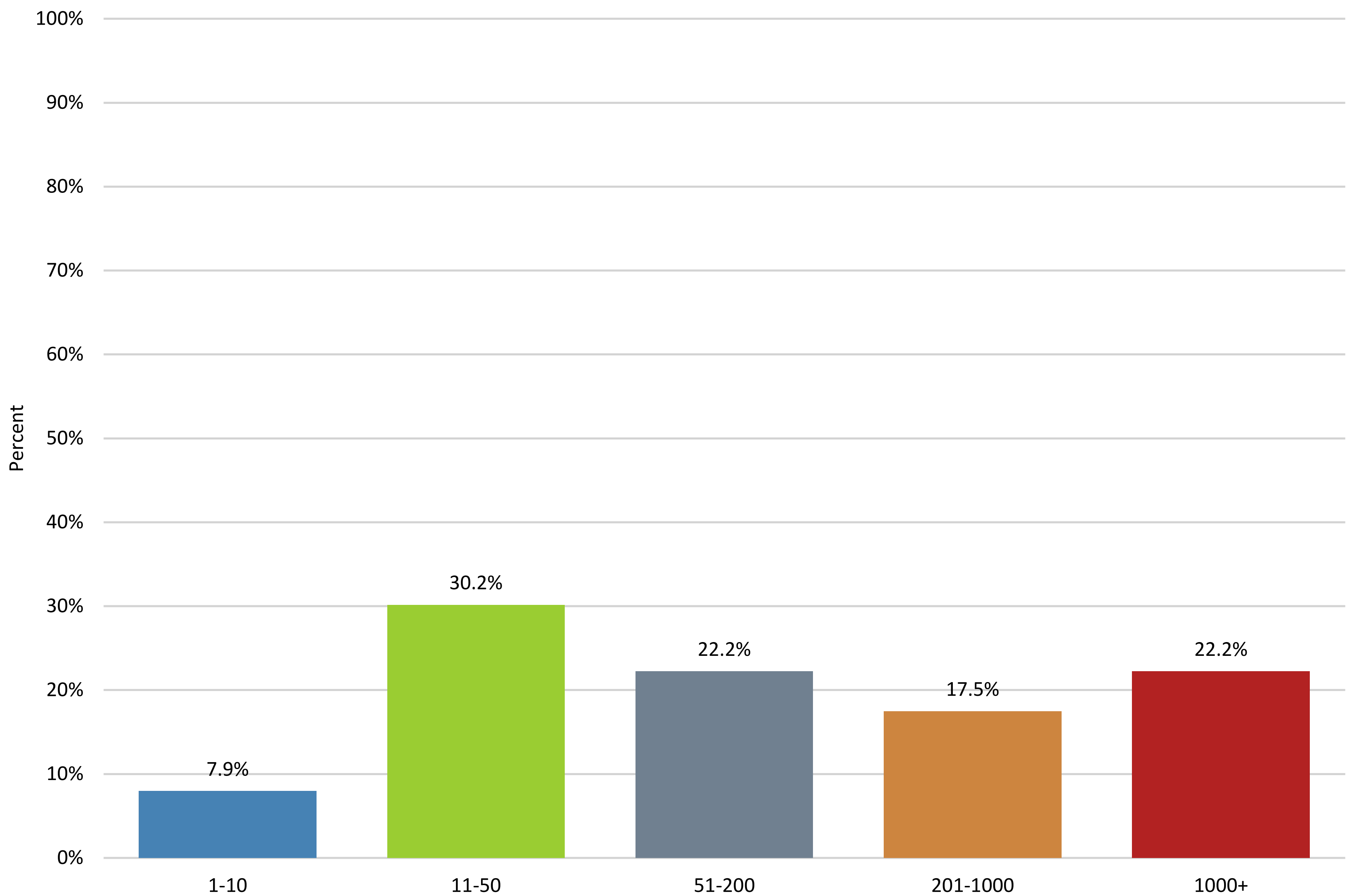
wangruicong@xinteenergy.com:
strategic researcher

indran_ravi@yahoo.com:
Product Engineer

ritagupta@coca-cola.com:
IT project consultant

anonymozlink@gmail.com:
Research Assistant

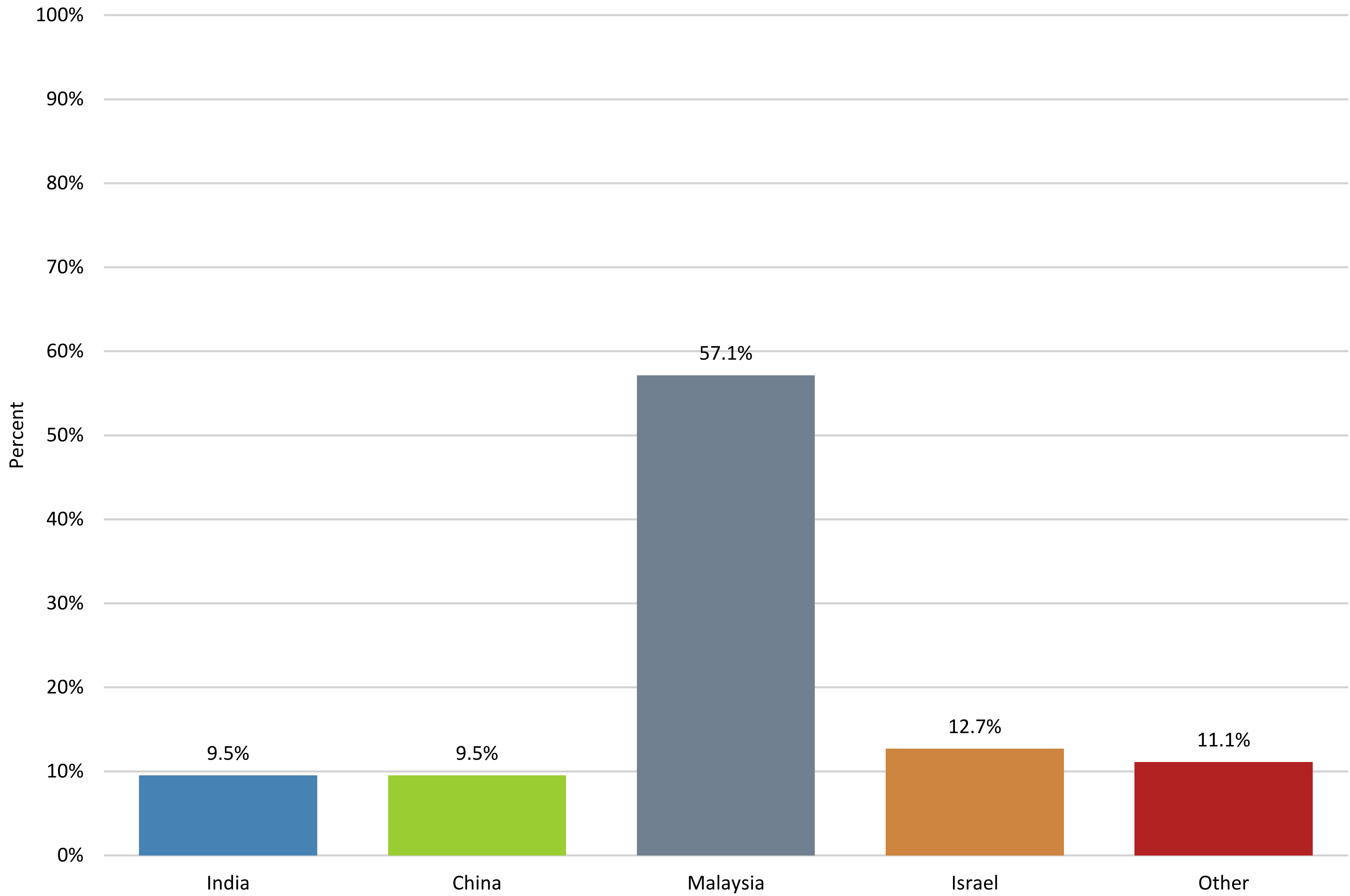
2. How many employees does the company you work for have?



2. How many employees does the company you work for have?

Name	Percent
1-10	7.9%
11-50	30.2%
51-200	22.2%
201-1000	17.5%
1000+	22.2%
N	63

3. What country do you work in?



3. What country do you work in?

Name	Percent
India	9.5%
China	9.5%
Malaysia	57.1%
Israel	12.7%
Other	11.1%
N	63

3. What country do you work in?

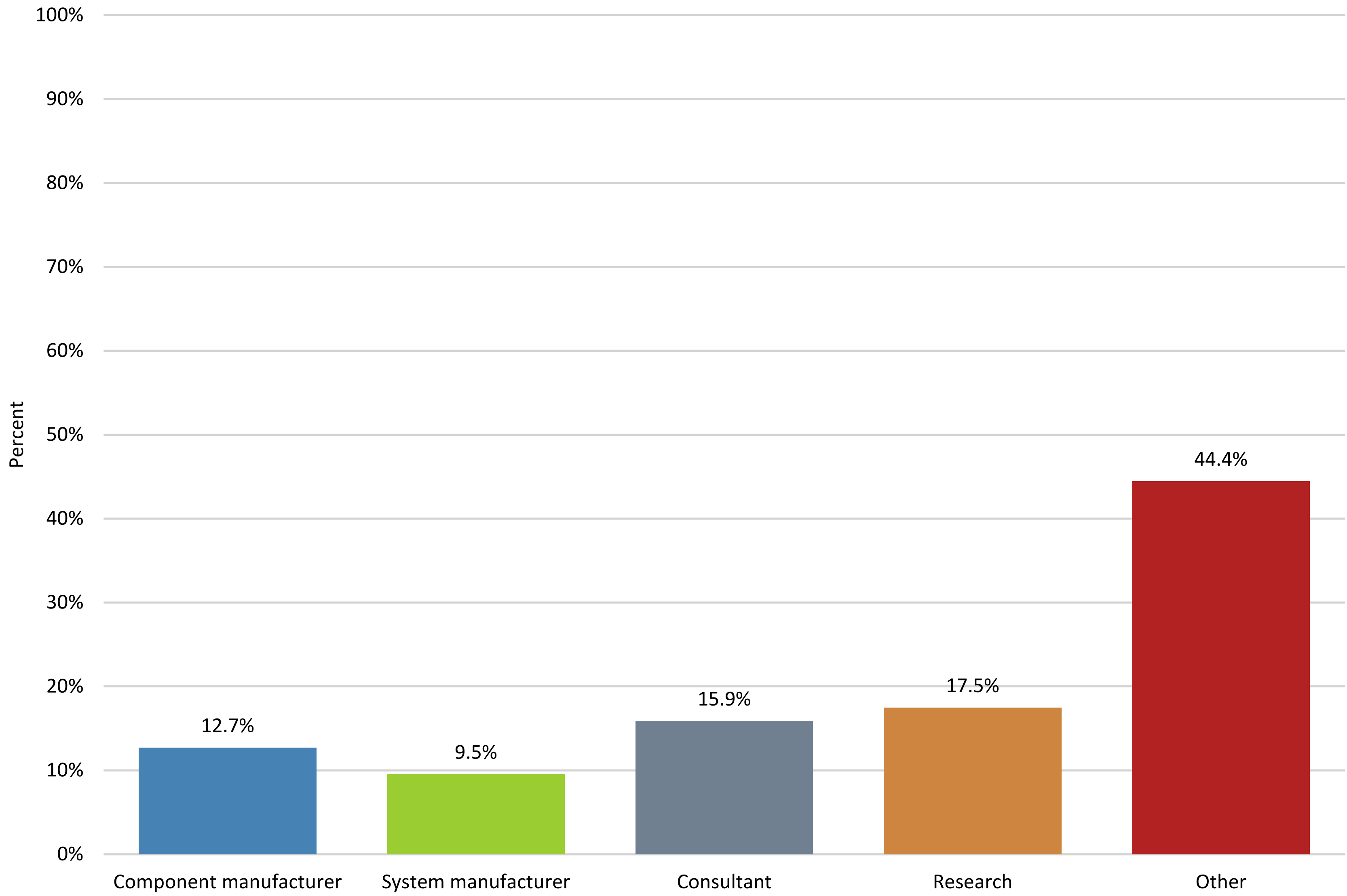
mamat_tzm@hotmail.com:
IRAQ

p.astengo@astel.it:
Italy

peter.jekov@gmail.com:
Bulgaria

e-grigorov@elcompro.com:
Bulgaria

4. What business category would best fit your company?



4. What business category would best fit your company?

Name	Percent
Component manufacturer	12.7%
System manufacturer	9.5%
Consultant	15.9%
Research	17.5%
Other	44.4%
N	63

4. What business category would best fit your company?

mamat_tzm@hotmail.com:
Oil n Gas

cheefaileong@gmail.com:
Laboratory

norhaznihassan@yahoo.com:
Public Services

nurolaidadahalan@gmail.com:
Chemical manufacturer

vinothachandra@gmail.com:
Machine maker

ramesh@chemsil.net:
Laboratory testing services

sudin7577@gmail.com:
Renewable energy

abdmajid.abdullah1975@gmail.com:
Agriculture

chenhung90@gmail.com:
Pharmaceutical manufacturing

syedhafiz176@gmail.com:
Waste management services

nooraida.isa@gmail.com:
Water industry

shahromey_othman@petronas.com:
Oil and Gas

cady.yap@gmail.com:
Pharmaceutical

4. What business category would best fit your company?

or.c@polypid.com:
Biotech

siva.omana@gmail.com:
Transport

raku.nadarajah.mmu@gmail.com:
Telecommunications

munirahsaadom@gmail.com:
Cable

veera_arumugam@yahoo.com:
Life and general insurance

pathmak2009@yahoo.com:
Social Welfare

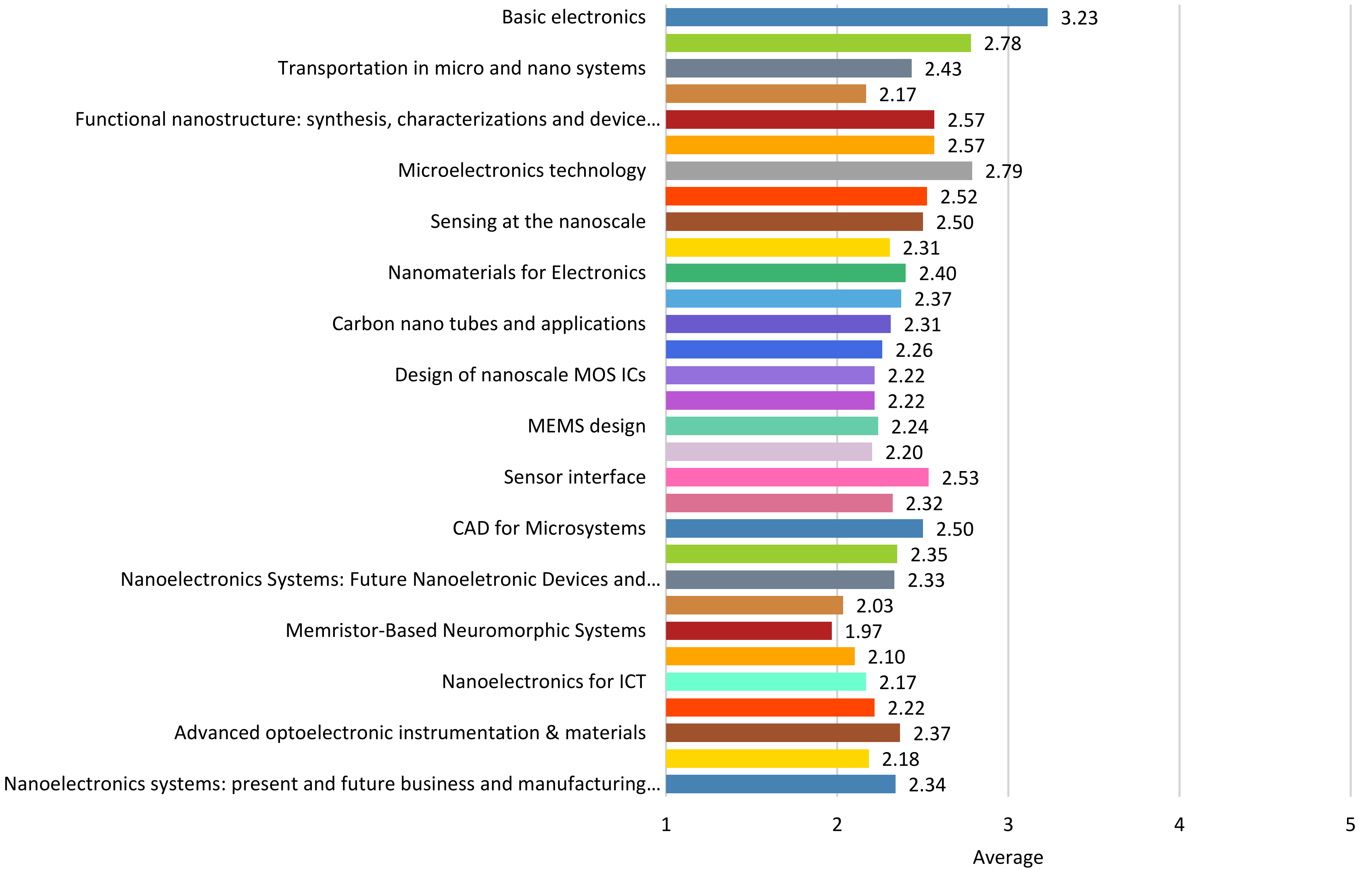
malisaululazmi@gmail.com:
Education

noorazlin_cd@yahoo.com:
Education

annfrancis7272@gmail.com:
Management

indran_ravi@yahoo.com:
Hard Drive Manufacturing

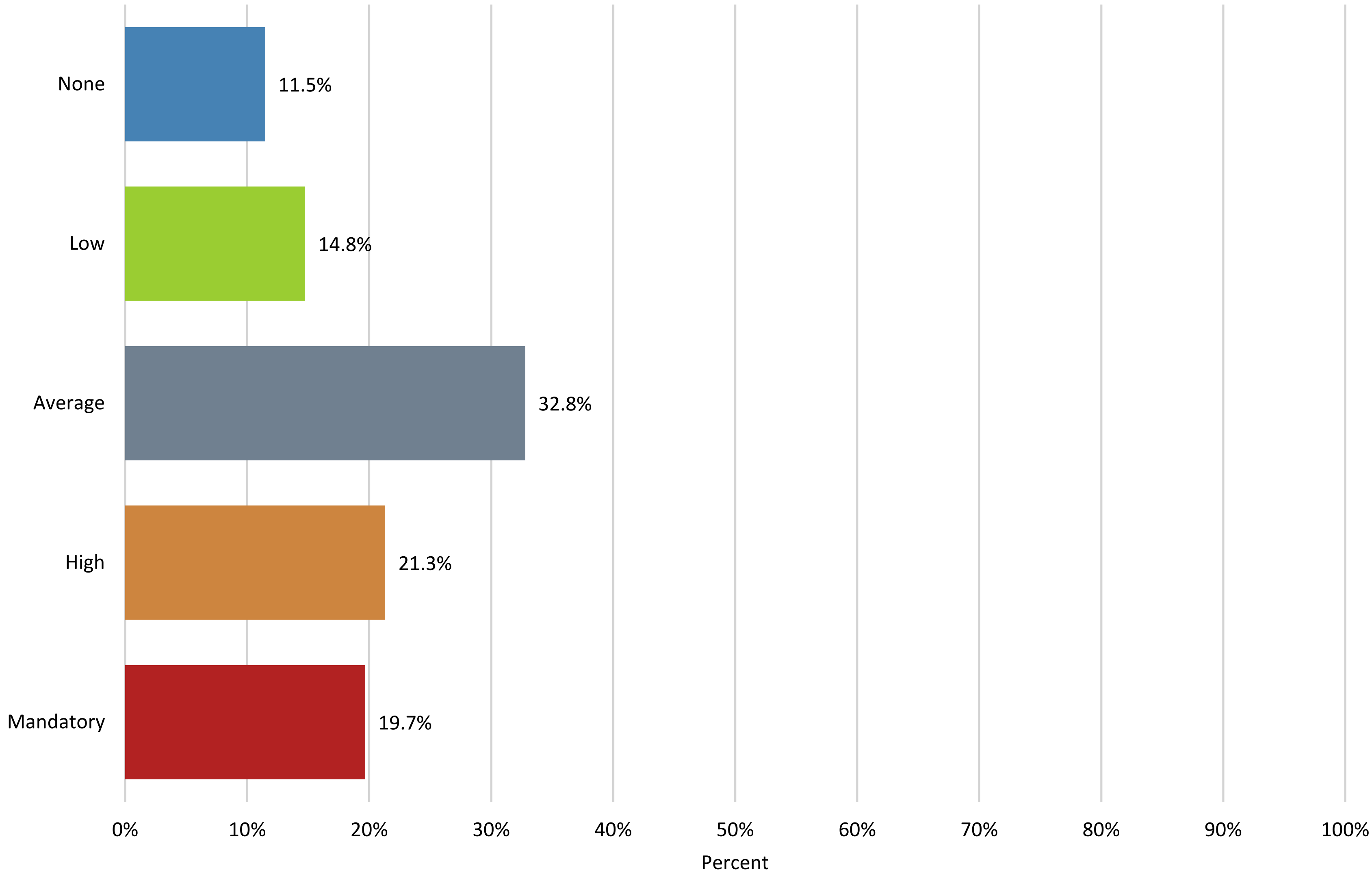
5. On a long time (more than 3 years) point of view, what are the needs for your company in the following domains



5. On a long time (more than 3 years) point of view, what are the needs for your company in the following domains

Question	Average	N
Basic electronics	3.23	61
Introduction to nanoelectronics: science & technology basics	2.78	59
Transportation in micro and nano systems	2.43	60
Nanoelectronics quantum phenomena in nanoscale systems	2.17	60
Functional nanostructure: synthesis, characterizations and device applications	2.57	60
Nanoelectronics: Processes, Computation and Design	2.57	60
Microelectronics technology	2.79	61
Nanomaterials synthesis and characterization techniques	2.52	61
Sensing at the nanoscale	2.50	60
Nano Electronic materials	2.31	59
Nanomaterials for Electronics	2.40	60
Nanoscience of materials/properties of nanoelectronic materials	2.37	59
Carbon nano tubes and applications	2.31	61
Graphene nanoelectronics: from synthesis to device applications	2.26	61
Design of nanoscale MOS ICs	2.22	60
Top-down ASIC design flow	2.22	60
MEMS design	2.24	59
Advanced nano-electronic devices: miniaturization of transistors and their performance	2.20	59

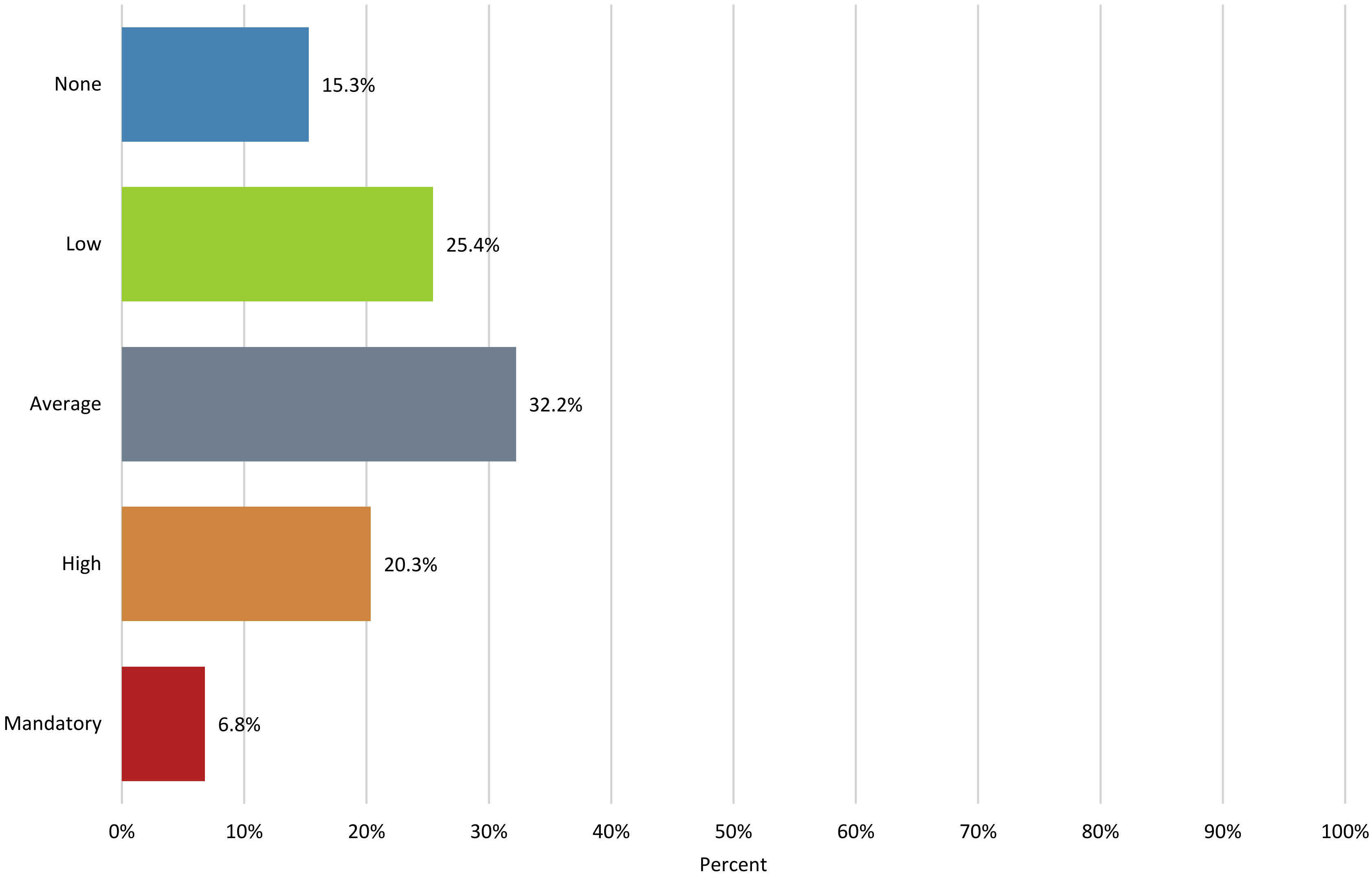
6. Basic electronics



6. Basic electronics

Name	Percent
None	11.5%
Low	14.8%
Average	32.8%
High	21.3%
Mandatory	19.7%
N	61

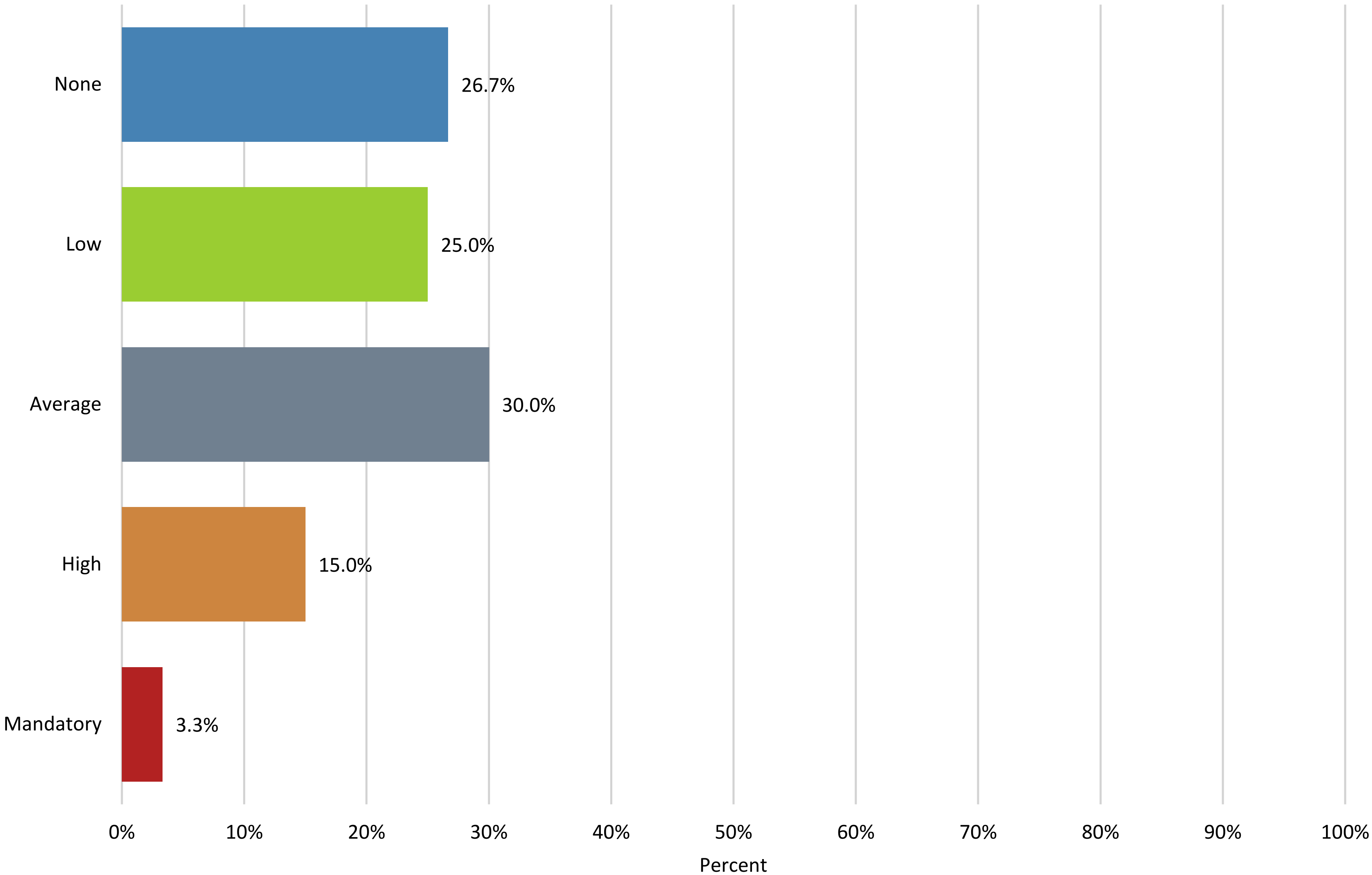
7. Introduction to nanoelectronics: science & technology basics



7. Introduction to nanoelectronics: science & technology basics

Name	Percent
None	15.3%
Low	25.4%
Average	32.2%
High	20.3%
Mandatory	6.8%
N	59

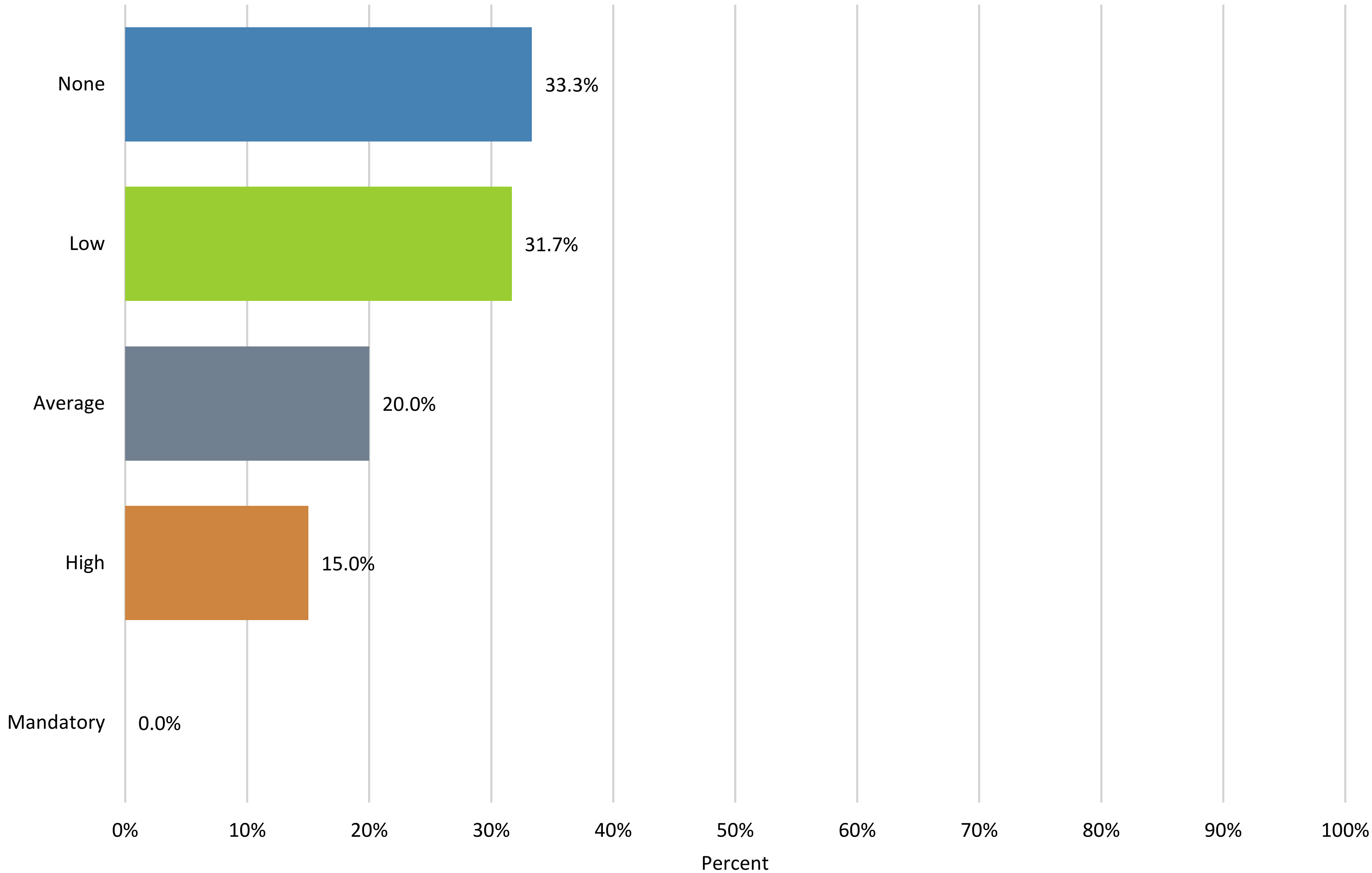
8. Transportation in micro and nano systems



8. Transportation in micro and nano systems

Name	Percent
None	26.7%
Low	25.0%
Average	30.0%
High	15.0%
Mandatory	3.3%
N	60

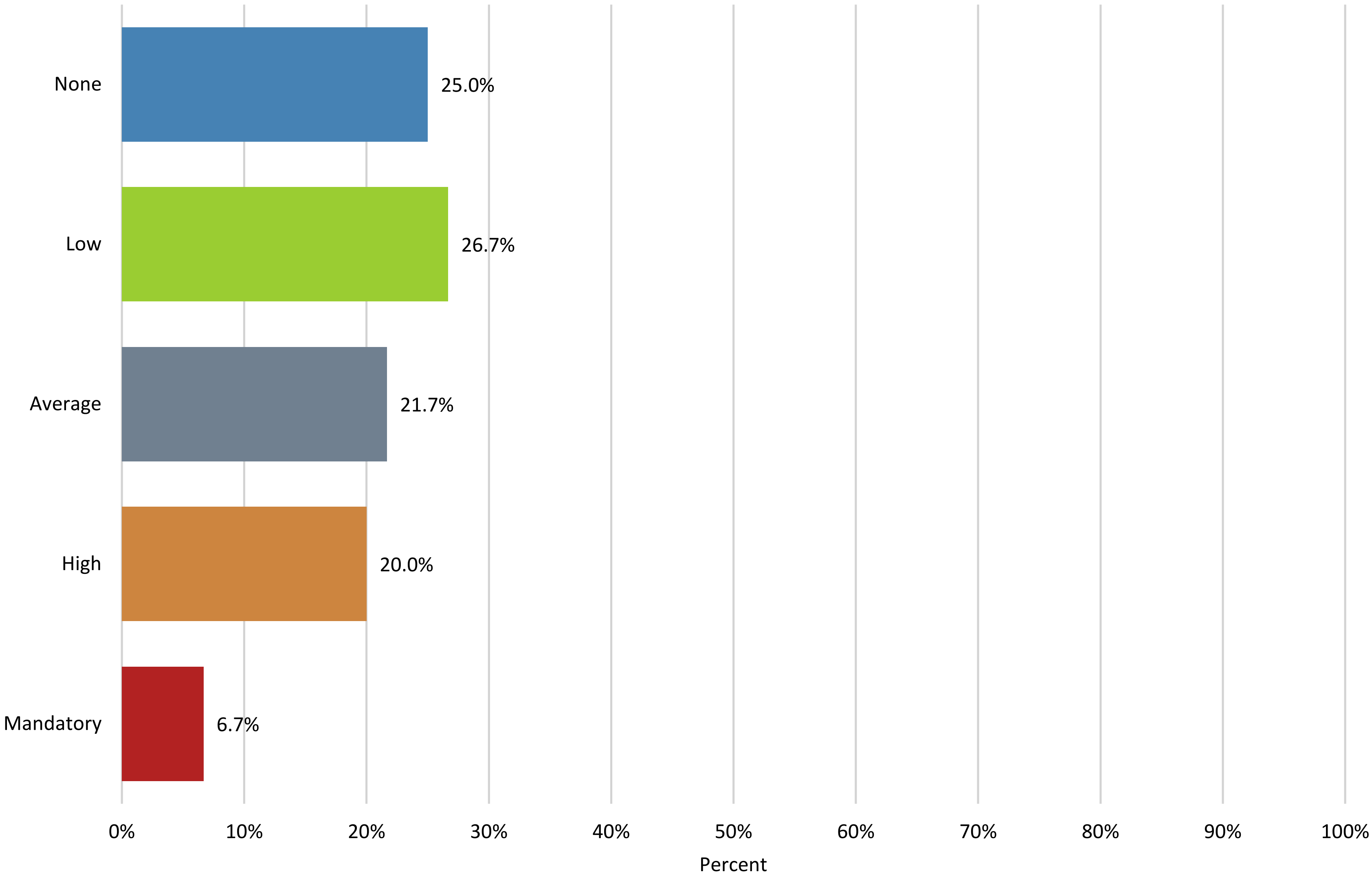
9. Nanoelectronics quantum phenomena in nanoscale systems



9. Nanoelectronics quantum phenomena in nanoscale systems

Name	Percent
None	33.3%
Low	31.7%
Average	20.0%
High	15.0%
Mandatory	0.0%
N	60

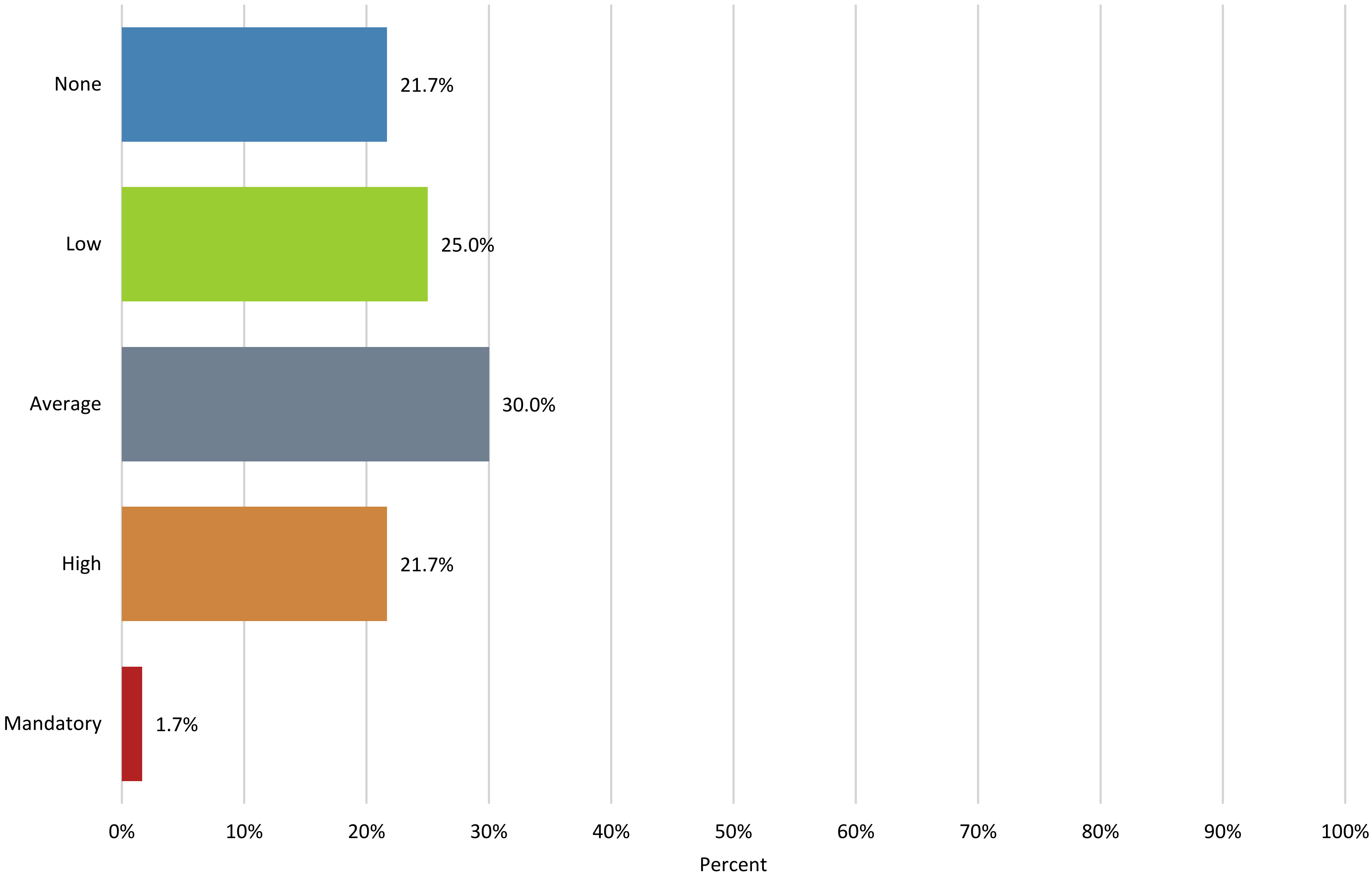
10. Functional nanostructure: synthesis, characterizations and device applications



10. Functional nanostructure: synthesis, characterizations and device applications

Name	Percent
None	25.0%
Low	26.7%
Average	21.7%
High	20.0%
Mandatory	6.7%
N	60

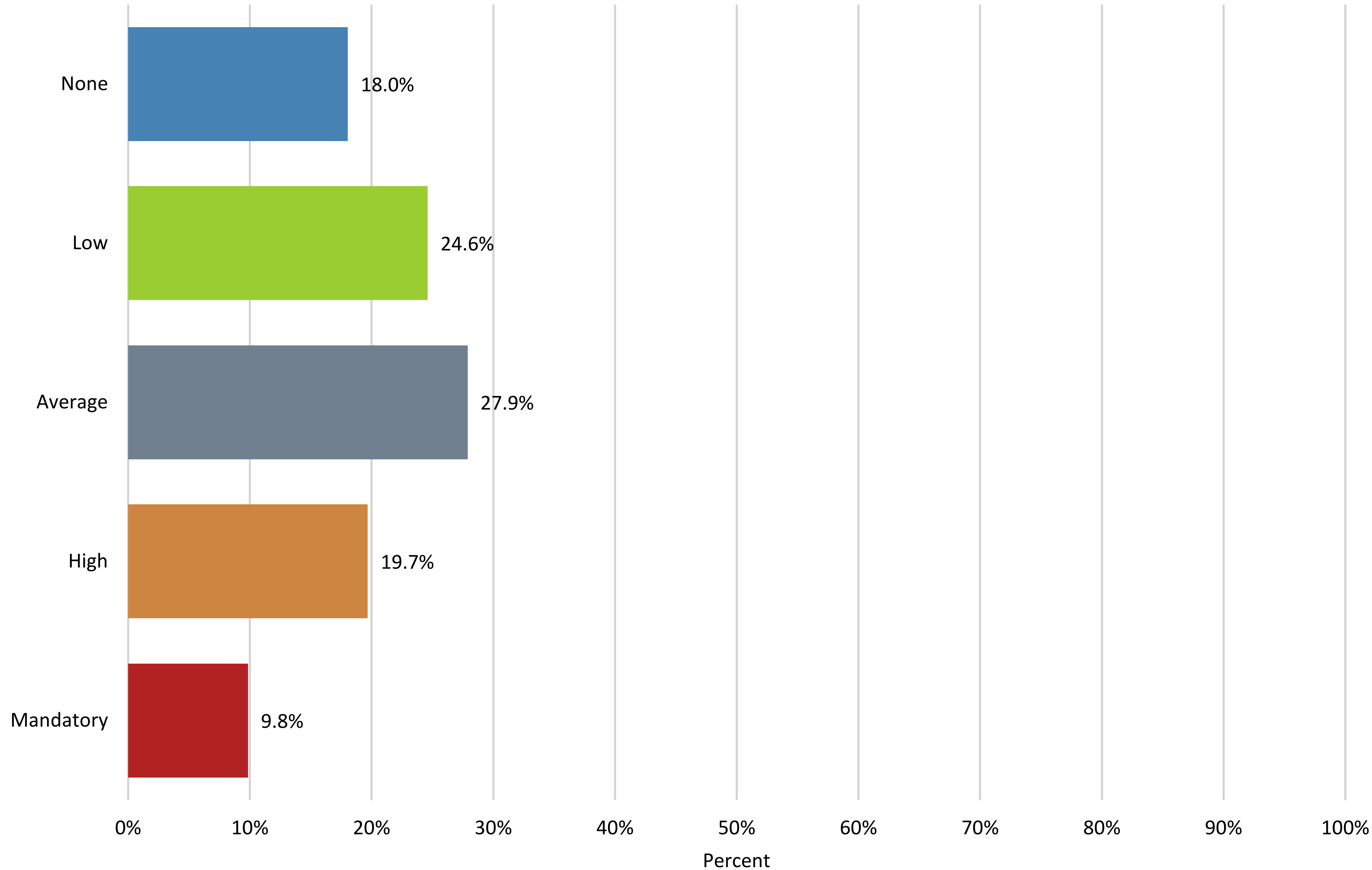
11. Nanoelectronics: Processes, Computation and Design



11. Nanoelectronics: Processes, Computation and Design

Name	Percent
None	21.7%
Low	25.0%
Average	30.0%
High	21.7%
Mandatory	1.7%
N	60

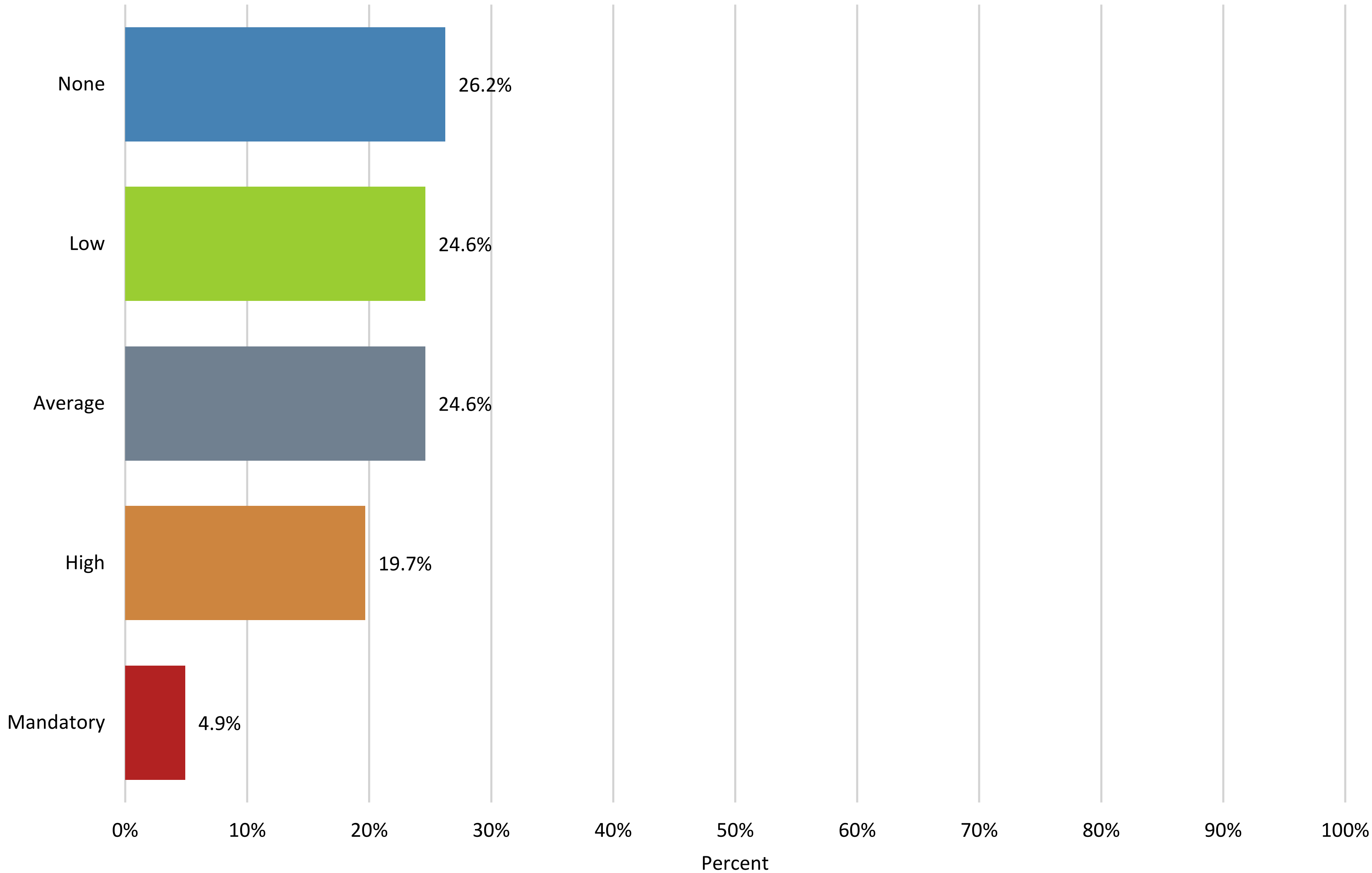
12. Microelectronics technology



12. Microelectronics technology

Name	Percent
None	18.0%
Low	24.6%
Average	27.9%
High	19.7%
Mandatory	9.8%
N	61

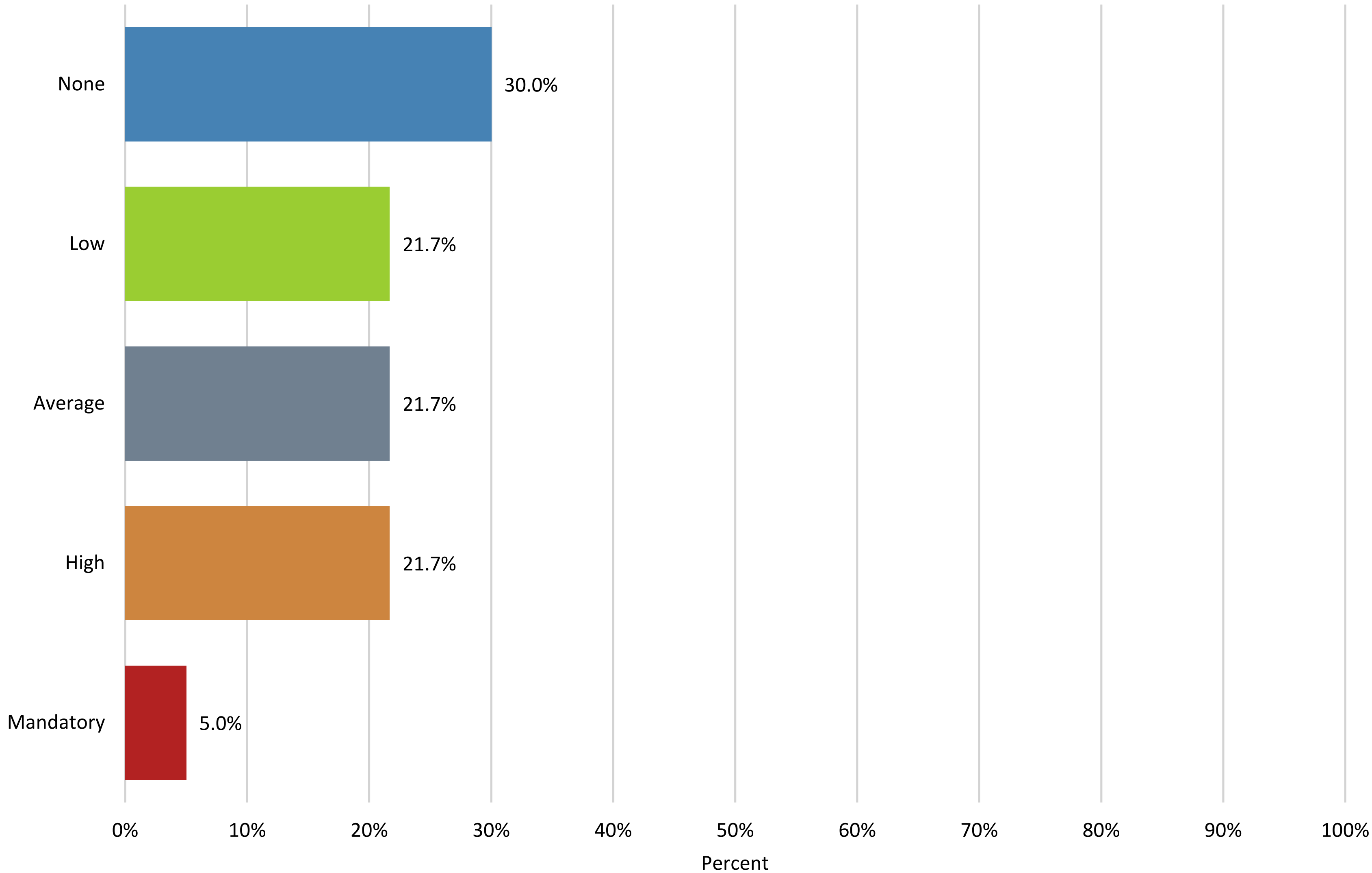
13. Nanomaterials synthesis and characterization techniques



13. Nanomaterials synthesis and characterization techniques

Name	Percent
None	26.2%
Low	24.6%
Average	24.6%
High	19.7%
Mandatory	4.9%
N	61

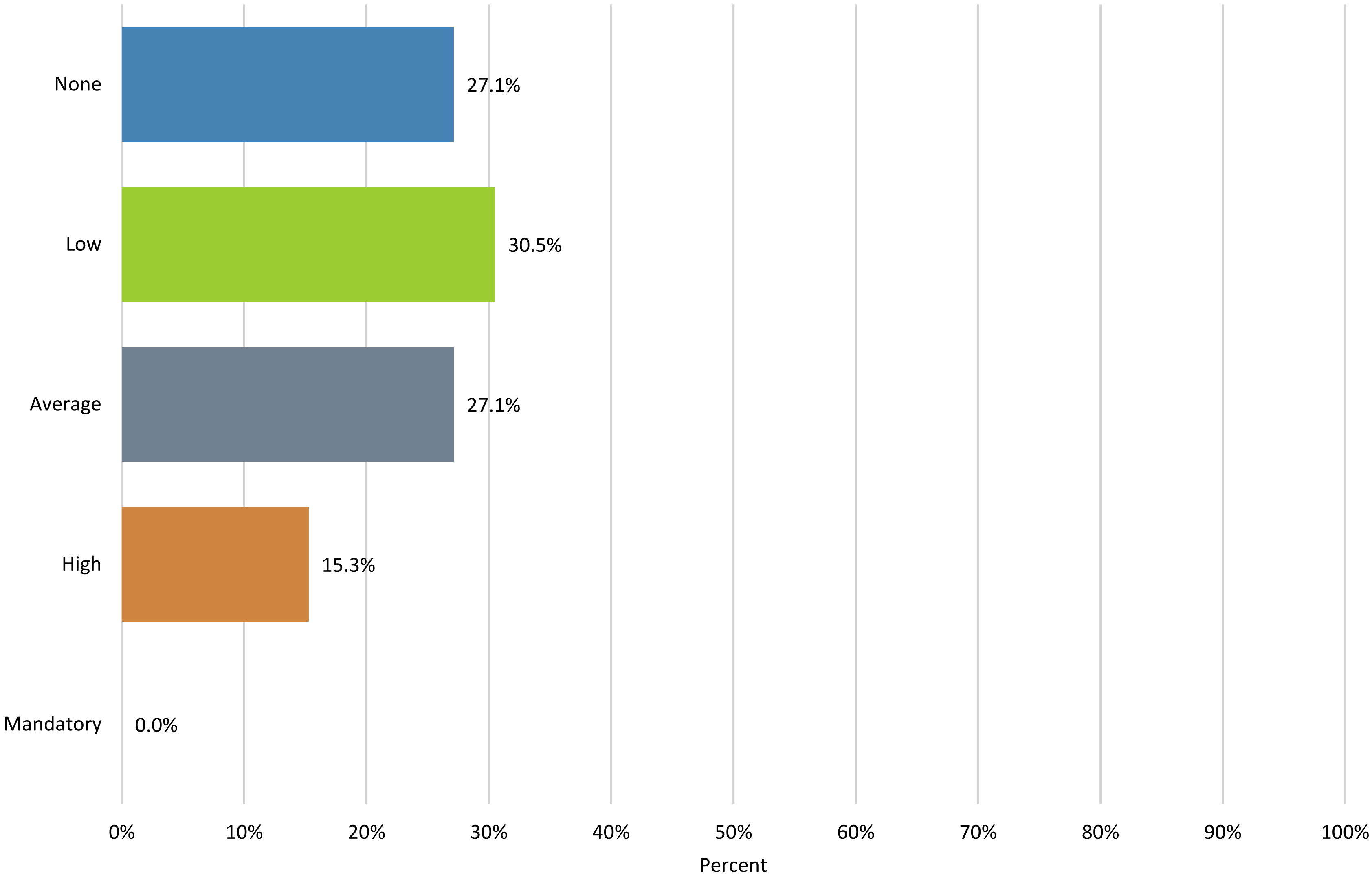
14. Sensing at the nanoscale



14. Sensing at the nanoscale

Name	Percent
None	30.0%
Low	21.7%
Average	21.7%
High	21.7%
Mandatory	5.0%
N	60

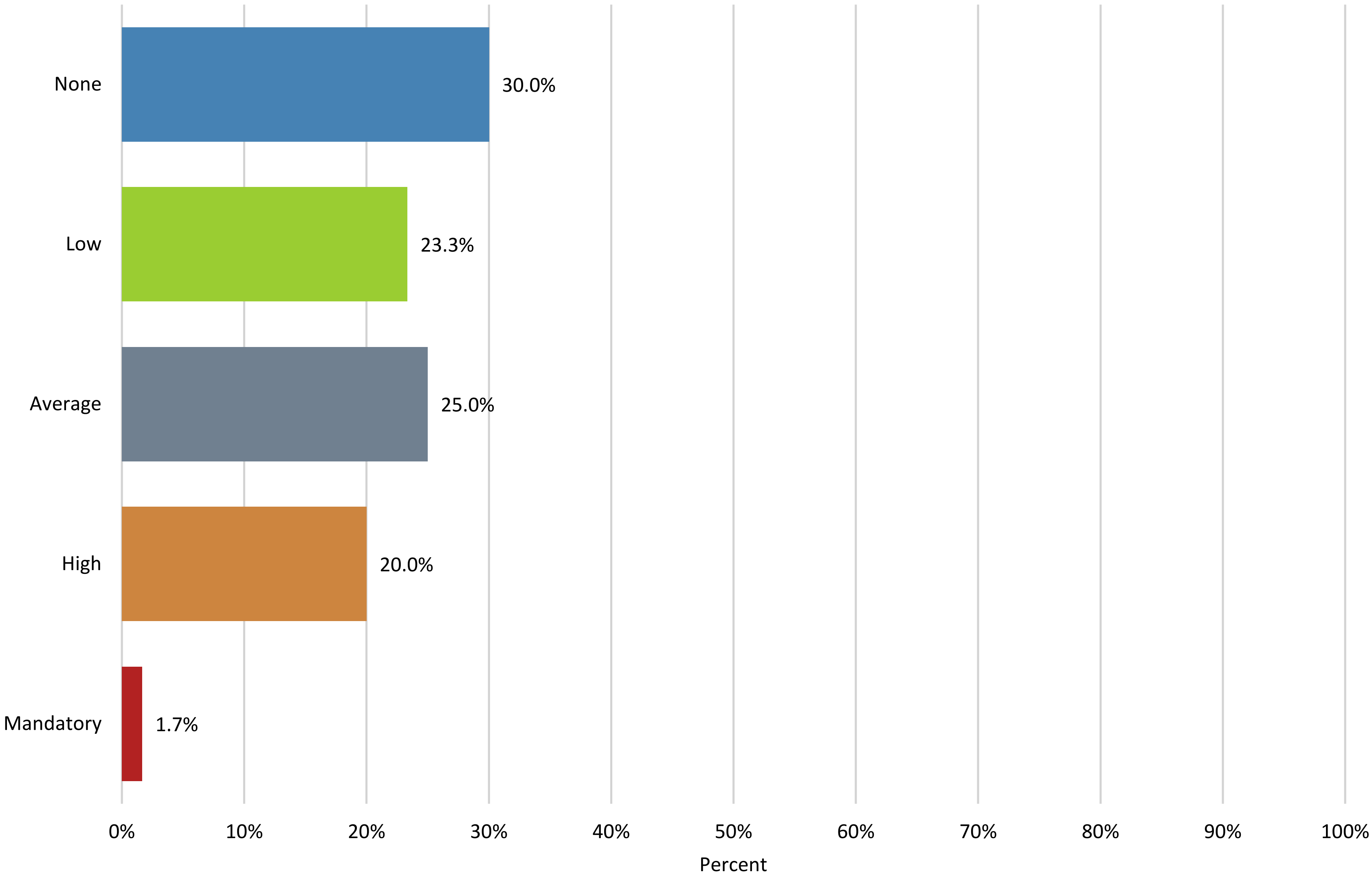
15. Nano Electronic materials



15. Nano Electronic materials

Name	Percent
None	27.1%
Low	30.5%
Average	27.1%
High	15.3%
Mandatory	0.0%
N	59

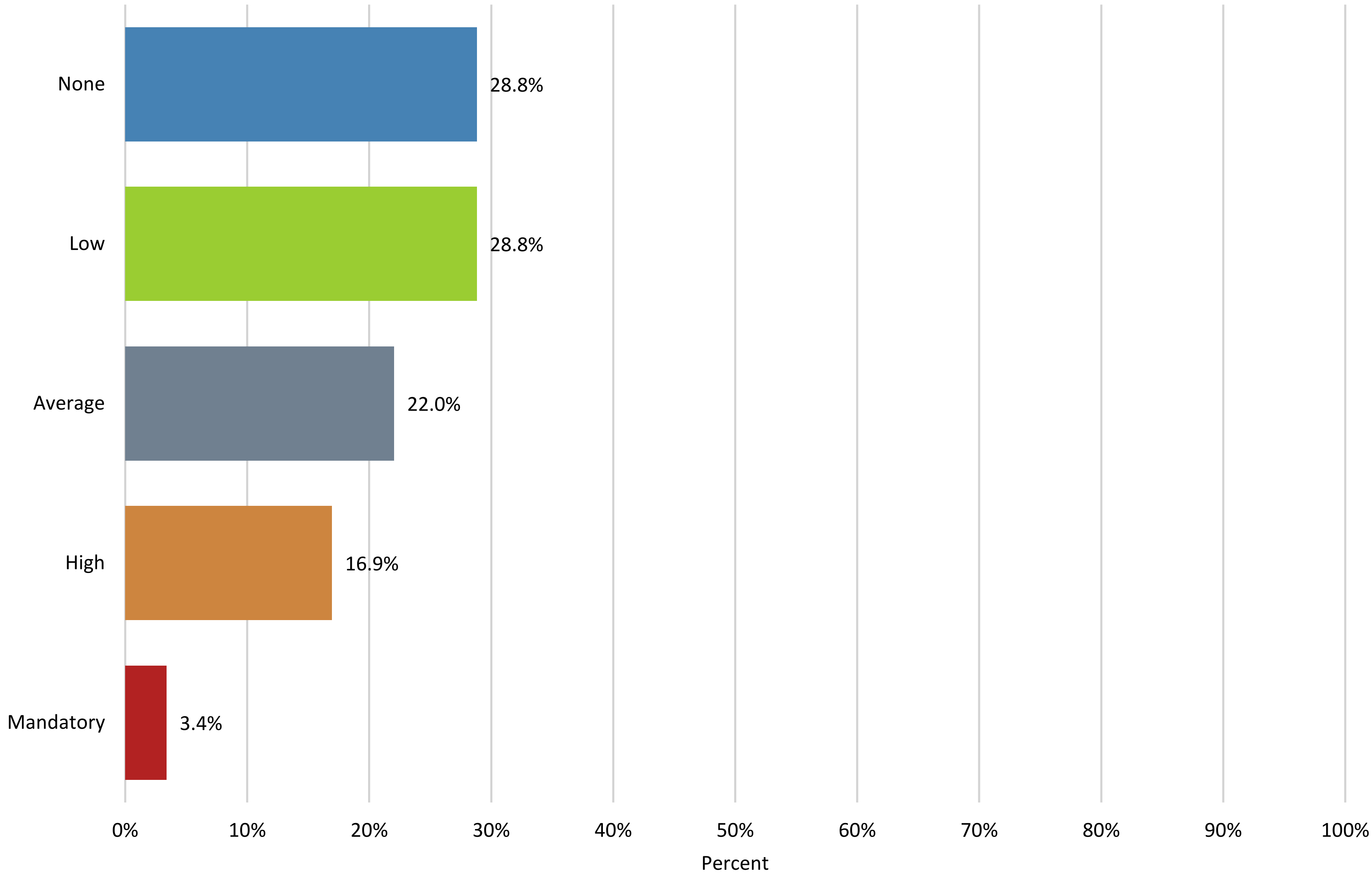
16. Nanomaterials for Electronics



16. Nanomaterials for Electronics

Name	Percent
None	30.0%
Low	23.3%
Average	25.0%
High	20.0%
Mandatory	1.7%
N	60

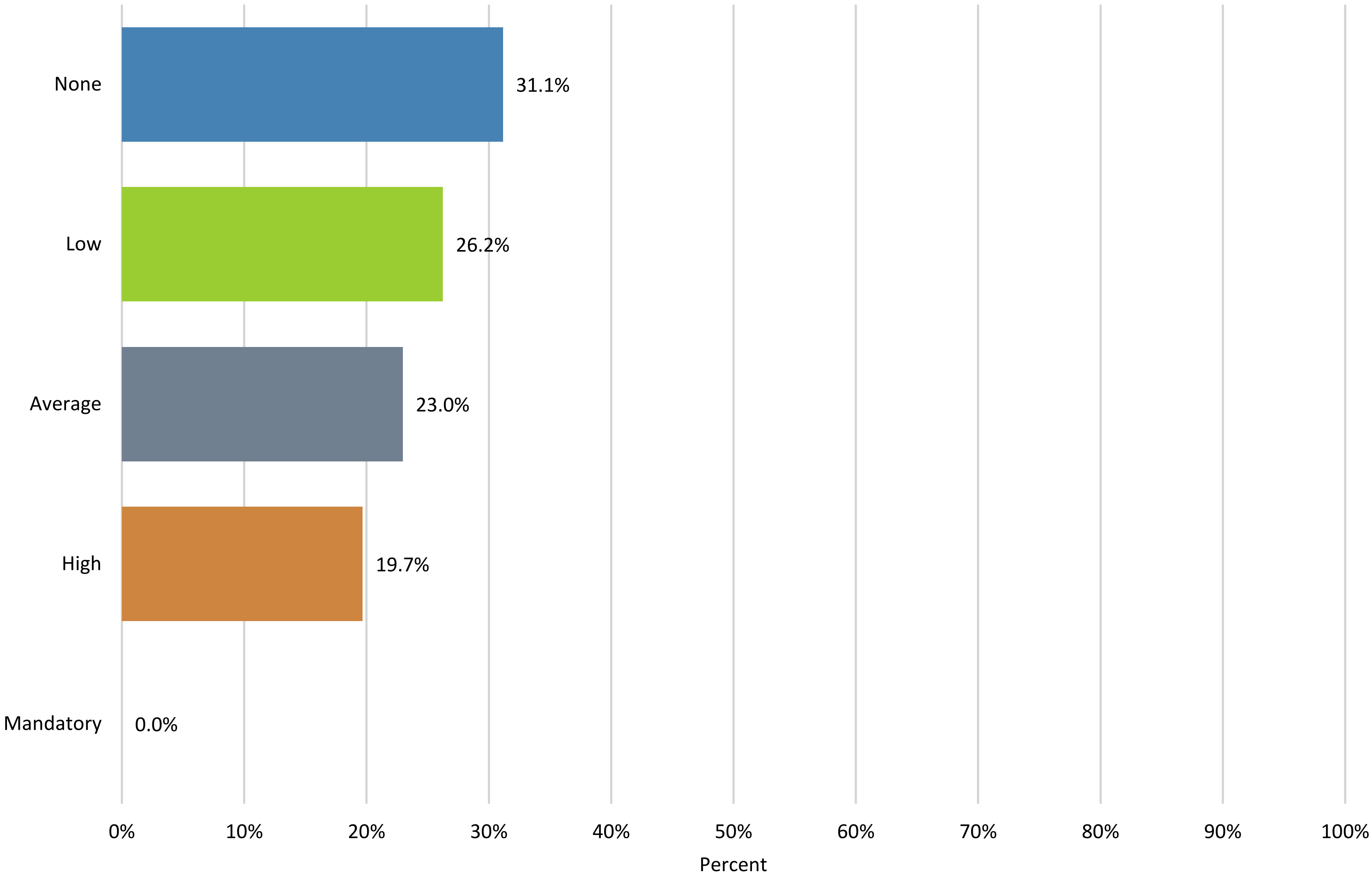
17. Nanoscience of materials/properties of nanoelectronic materials



17. Nanoscience of materials/properties of nanoelectronic materials

Name	Percent
None	28.8%
Low	28.8%
Average	22.0%
High	16.9%
Mandatory	3.4%
N	59

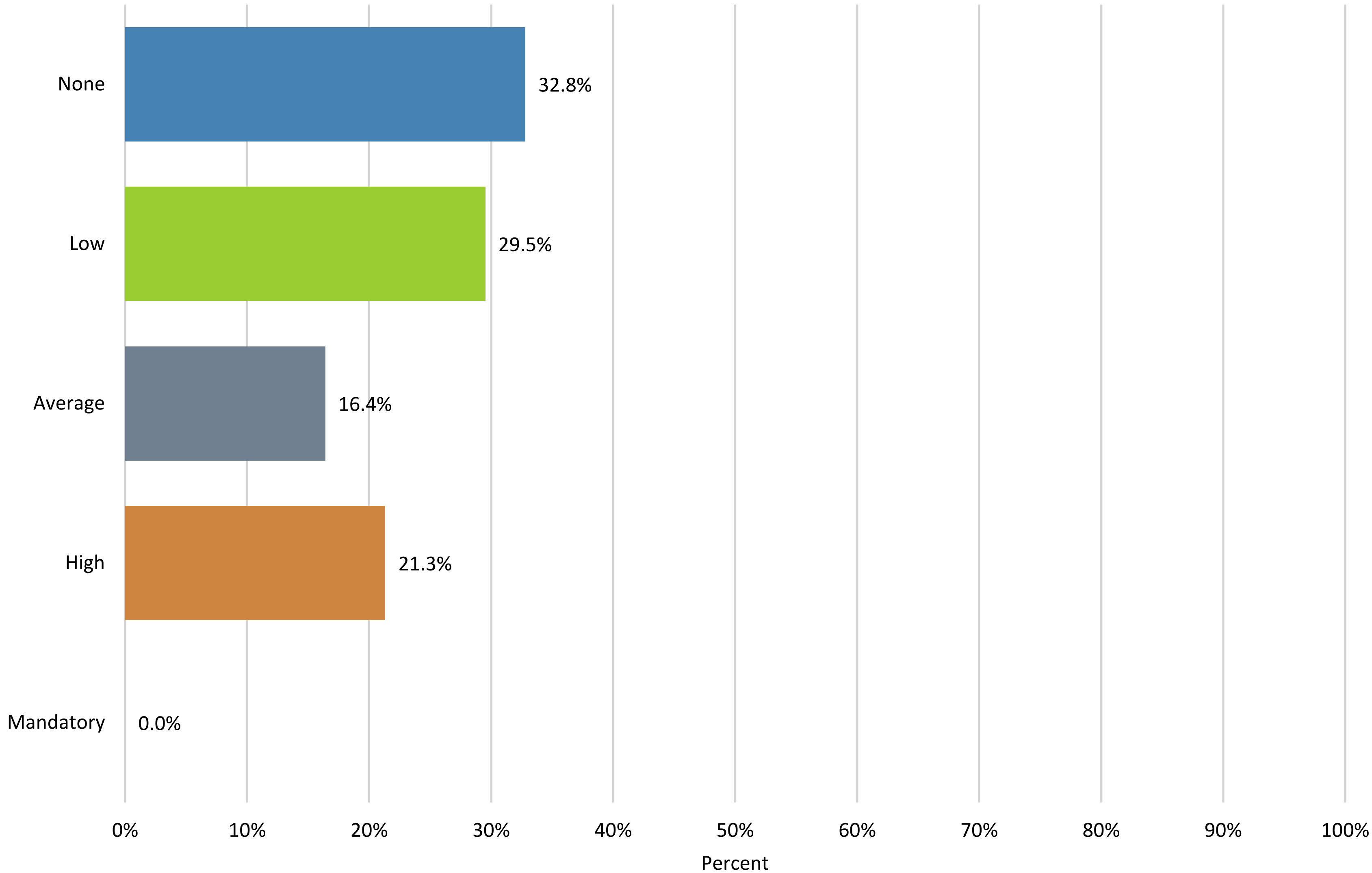
18. Carbon nano tubes and applications



18. Carbon nano tubes and applications

Name	Percent
None	31.1%
Low	26.2%
Average	23.0%
High	19.7%
Mandatory	0.0%
N	61

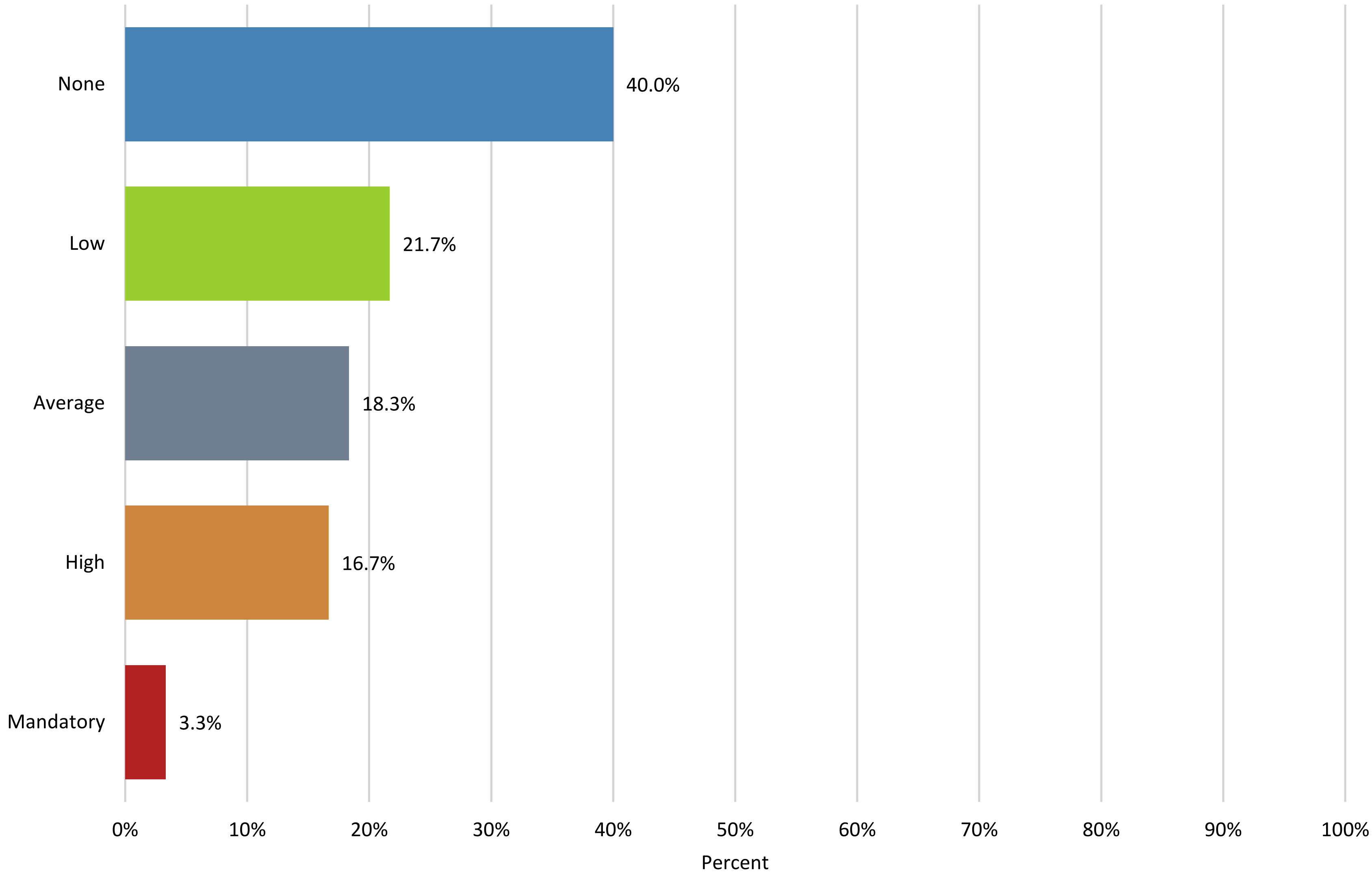
19. Graphene nanoelectronics: from synthesis to device applications



19. Graphene nanoelectronics: from synthesis to device applications

Name	Percent
None	32.8%
Low	29.5%
Average	16.4%
High	21.3%
Mandatory	0.0%
N	61

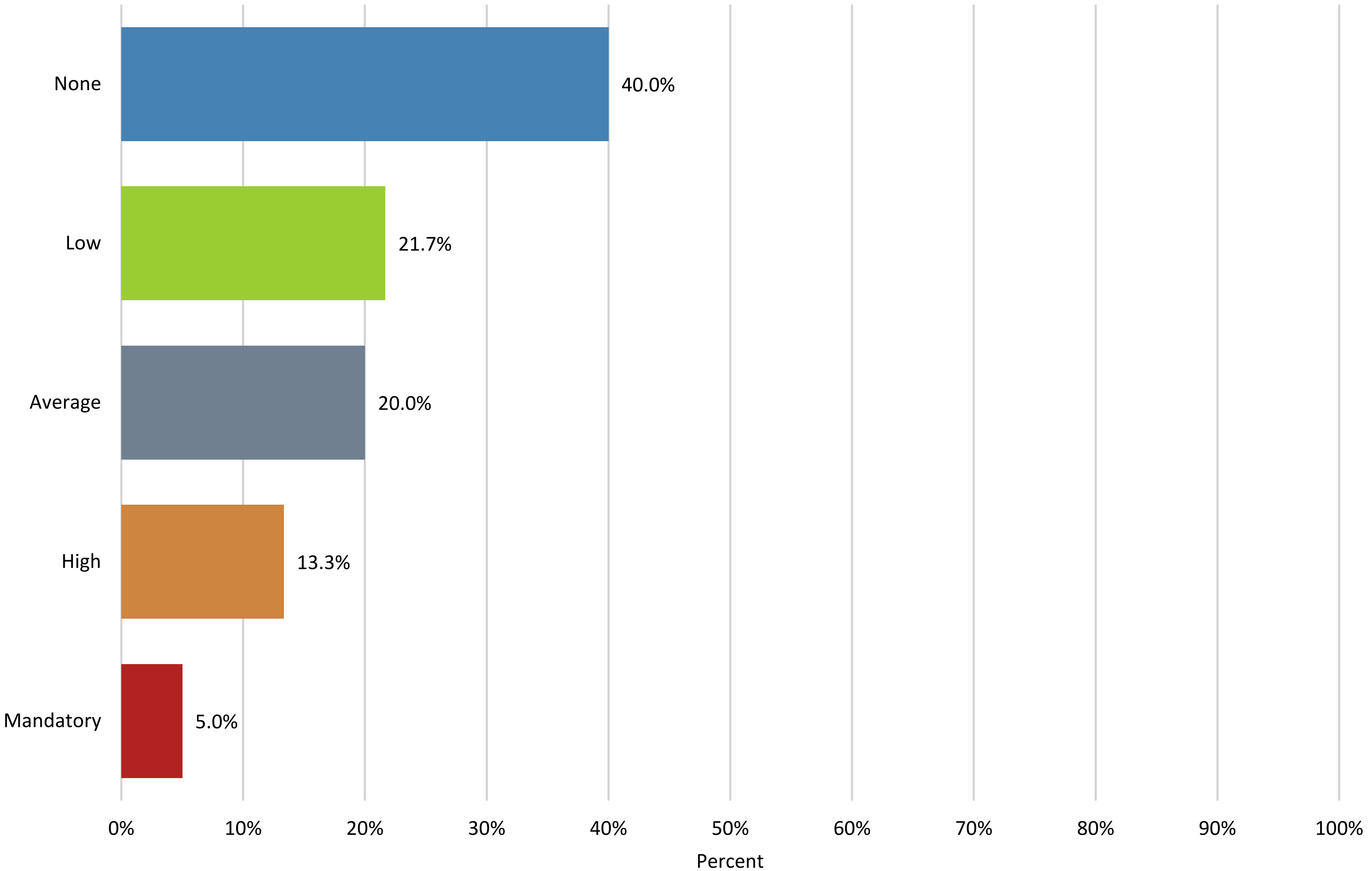
20. Design of nanoscale MOS ICs



20. Design of nanoscale MOS ICs

Name	Percent
None	40.0%
Low	21.7%
Average	18.3%
High	16.7%
Mandatory	3.3%
N	60

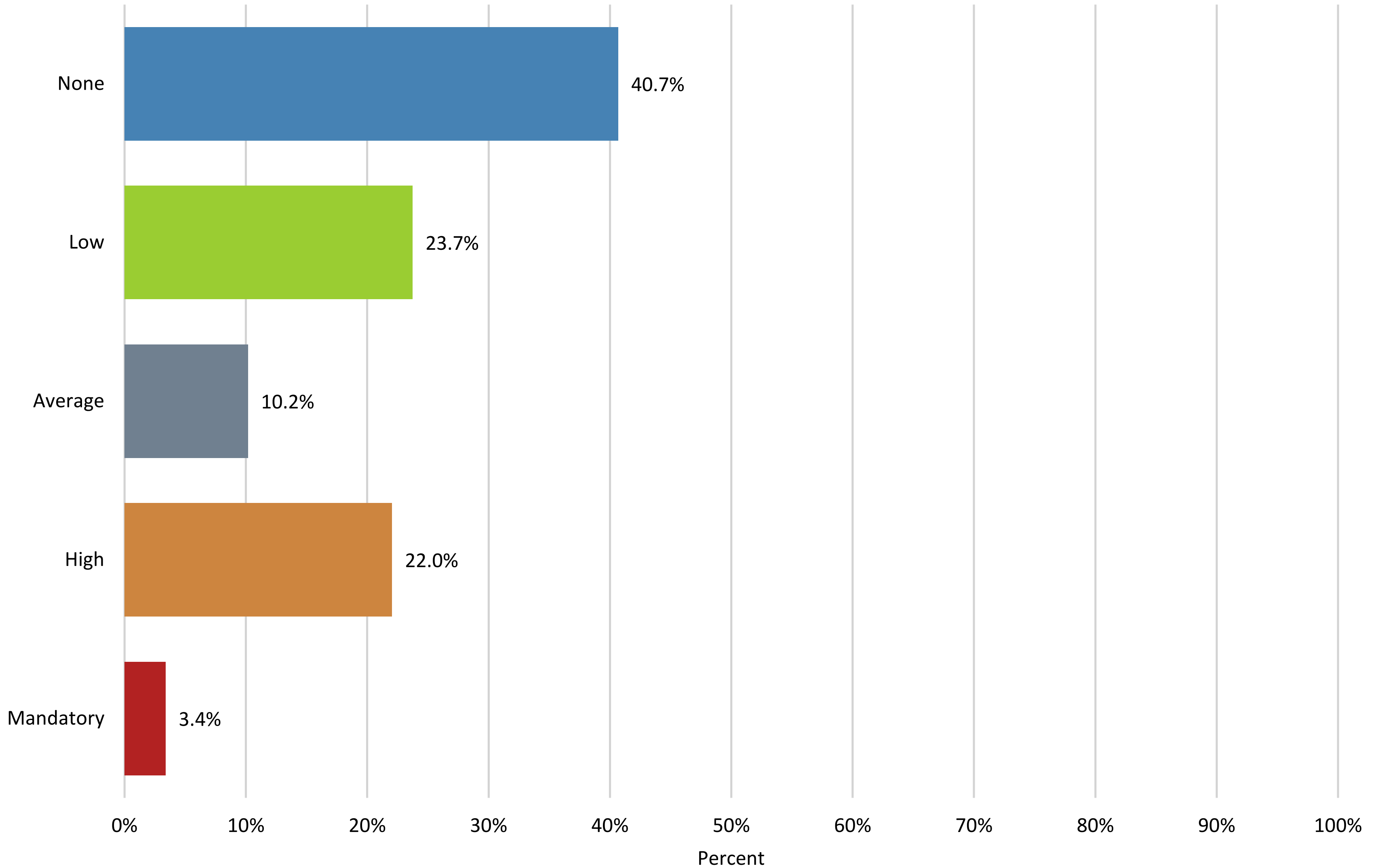
21. Top-down ASIC design flow



21. Top-down ASIC design flow

Name	Percent
None	40.0%
Low	21.7%
Average	20.0%
High	13.3%
Mandatory	5.0%
N	60

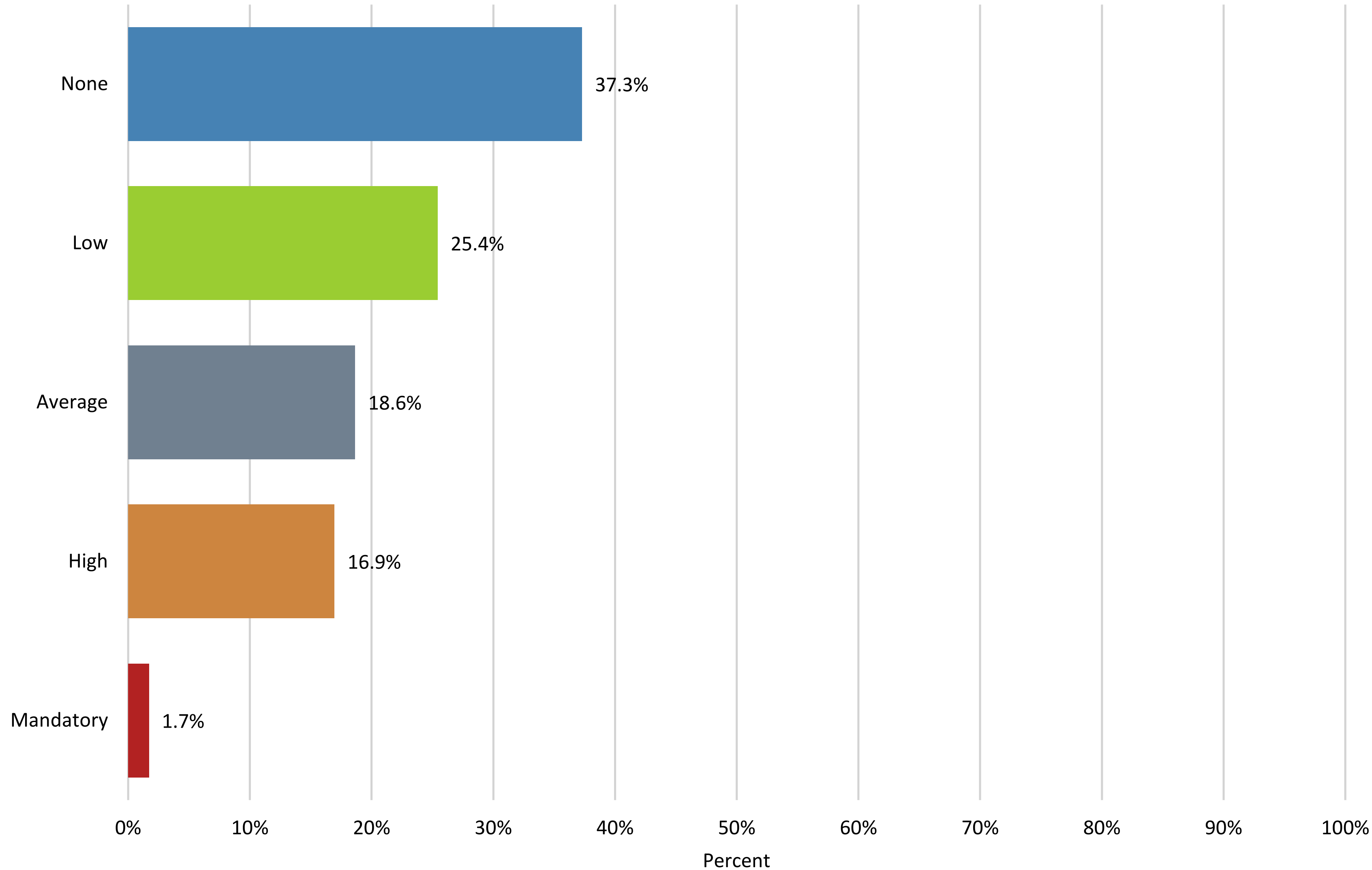
22. MEMS design



22. MEMS design

Name	Percent
None	40.7%
Low	23.7%
Average	10.2%
High	22.0%
Mandatory	3.4%
N	59

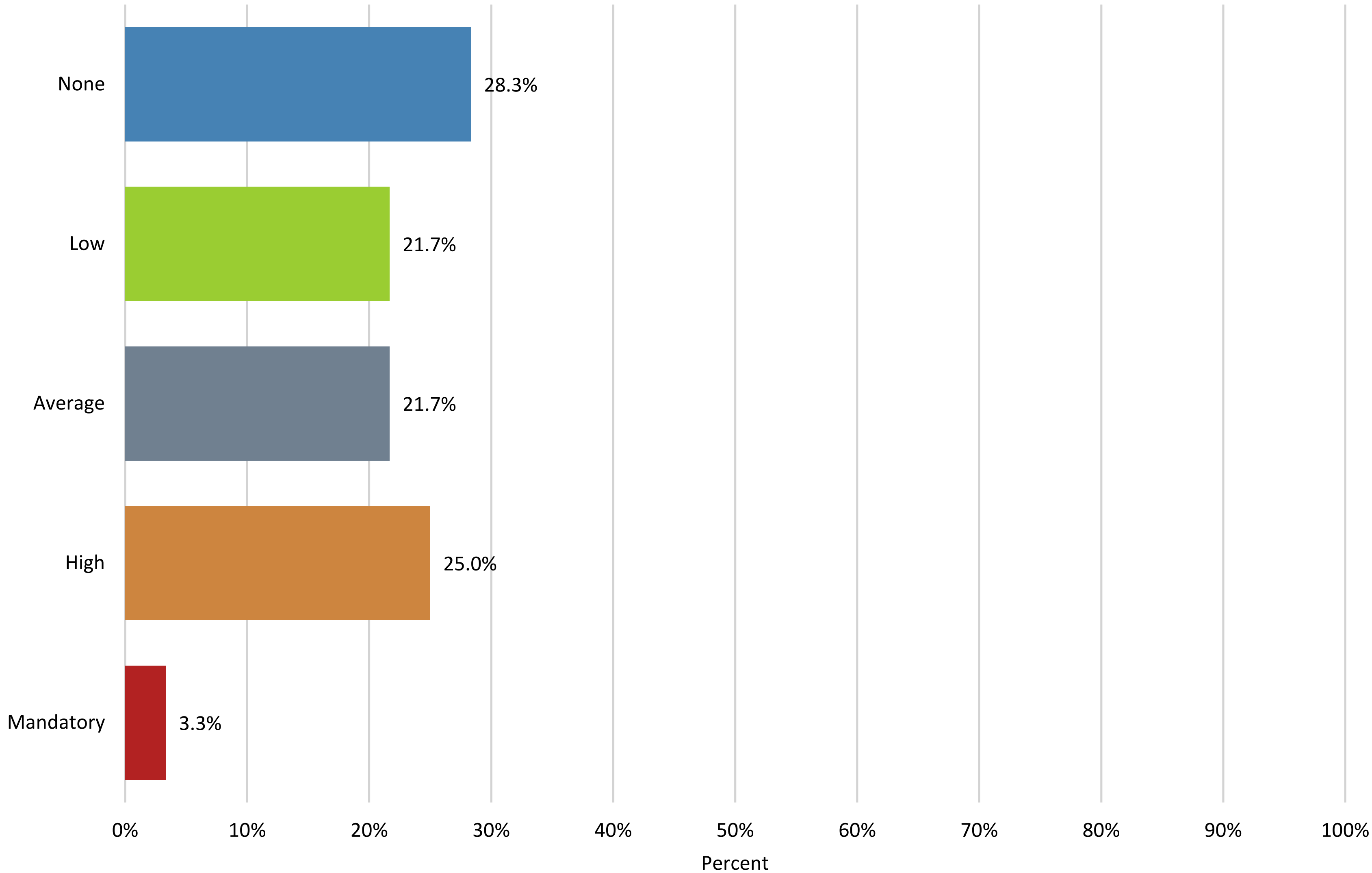
23. Advanced nano-electronic devices: miniaturization of transistors and their performance



23. Advanced nano-electronic devices: miniaturization of transistors and their performance

Name	Percent
None	37.3%
Low	25.4%
Average	18.6%
High	16.9%
Mandatory	1.7%
N	59

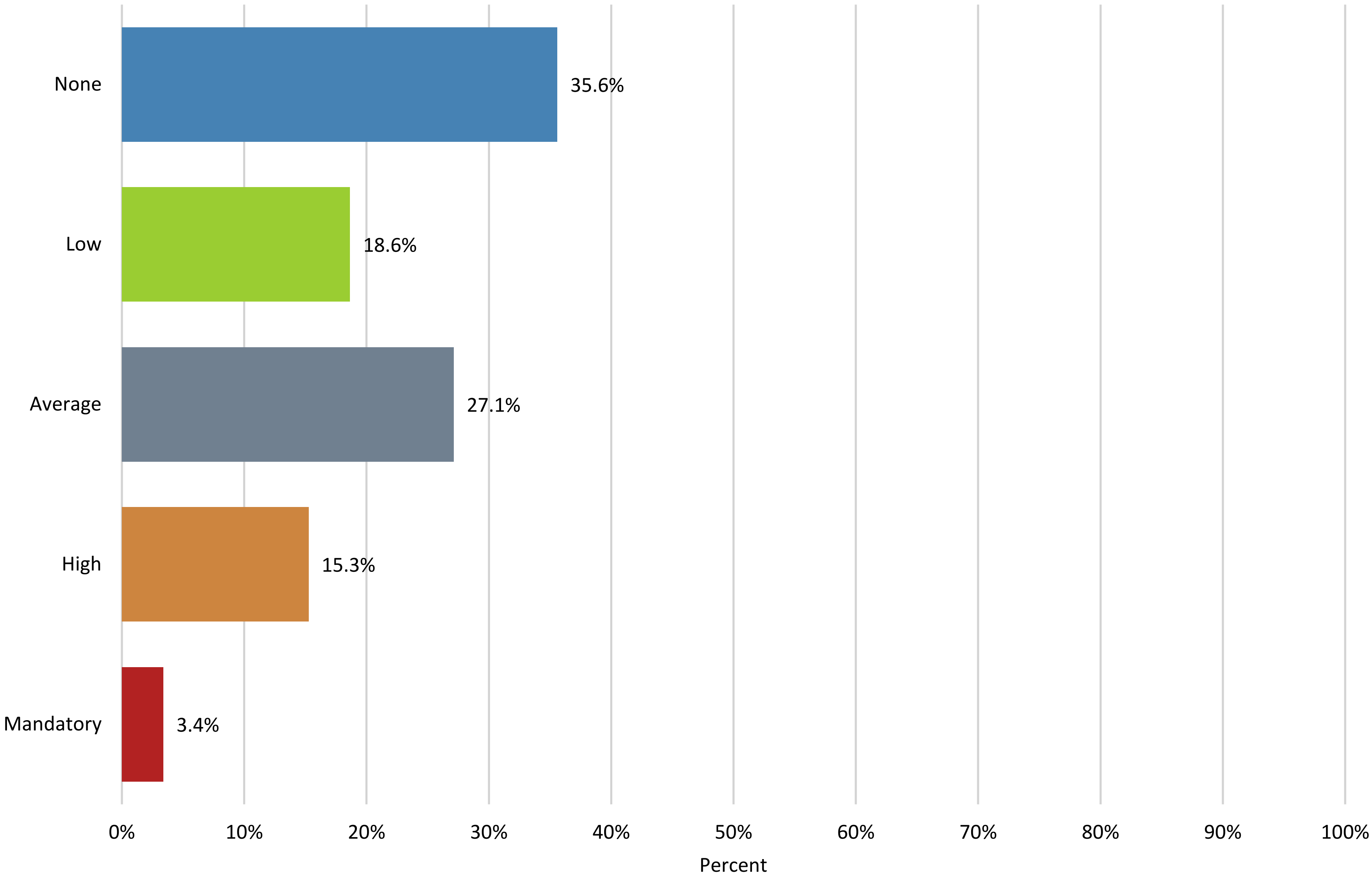
24. Sensor interface



24. Sensor interface

Name	Percent
None	28.3%
Low	21.7%
Average	21.7%
High	25.0%
Mandatory	3.3%
N	60

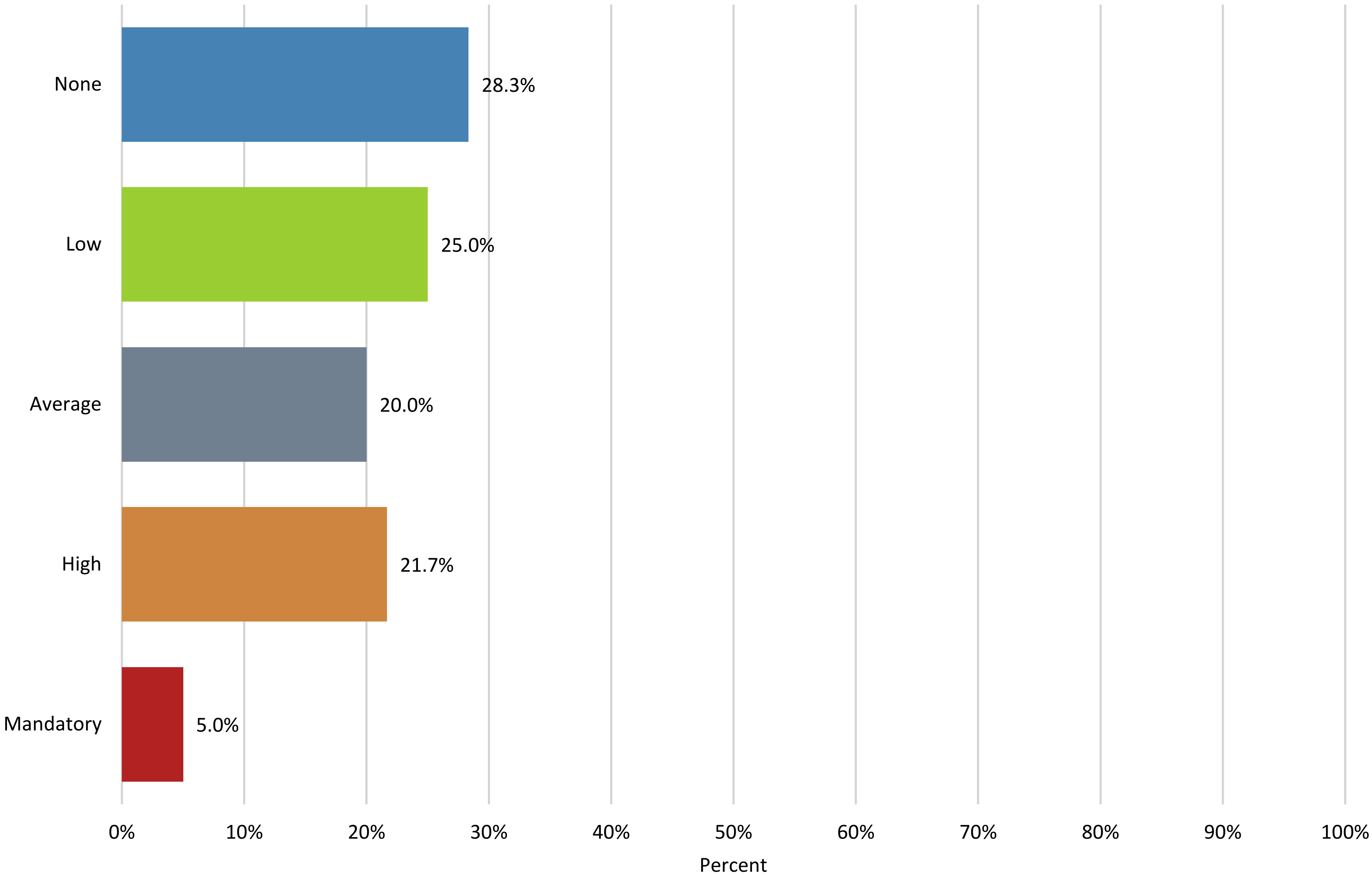
25. Nanoelectronics systems: future nanoelectronic devices and manufacturing processes



25. Nanoelectronics systems: future nanoelectronic devices and manufacturing processes

Name	Percent
None	35.6%
Low	18.6%
Average	27.1%
High	15.3%
Mandatory	3.4%
N	59

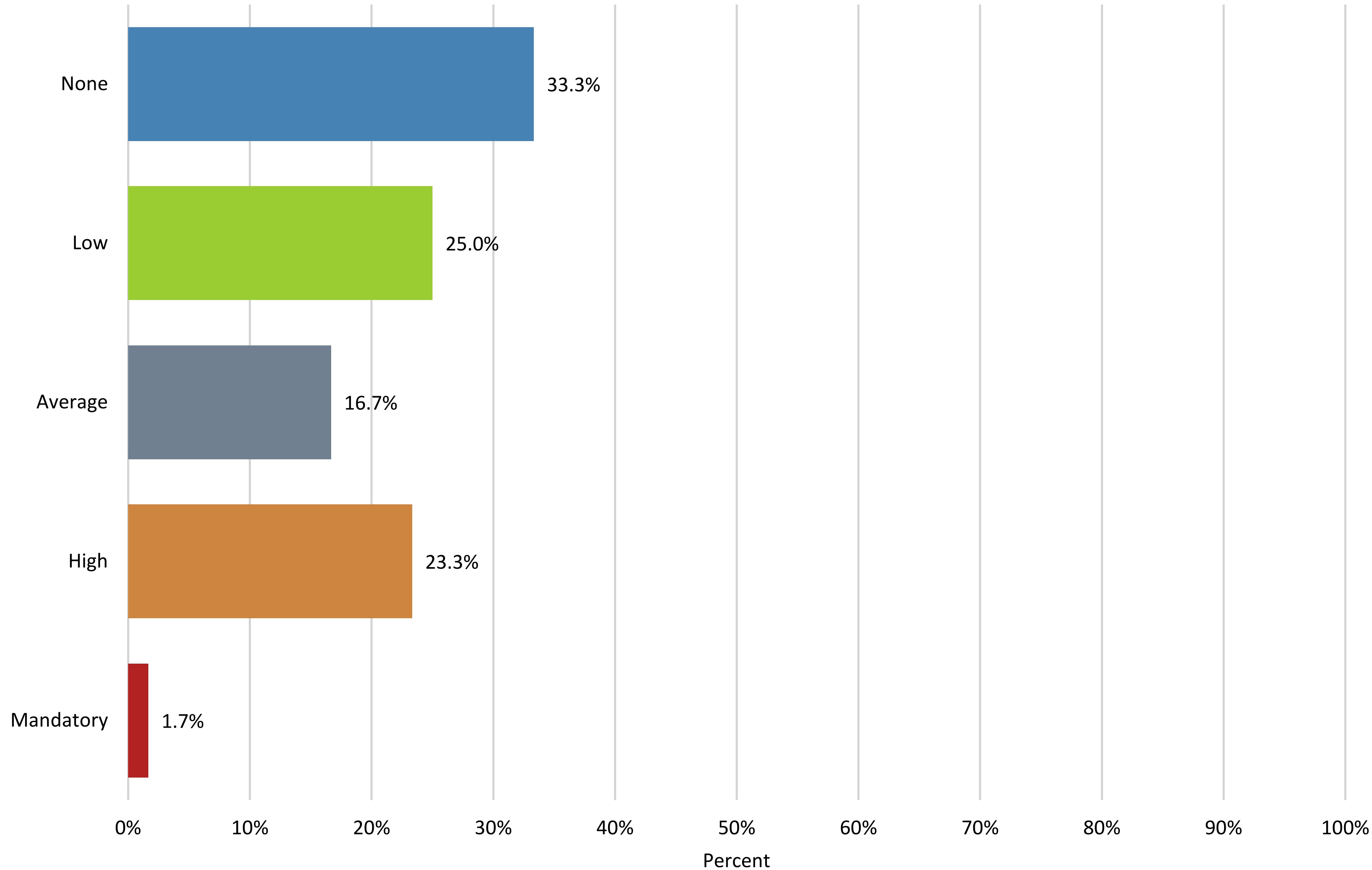
26. CAD for Microsystems



26. CAD for Microsystems

Name	Percent
None	28.3%
Low	25.0%
Average	20.0%
High	21.7%
Mandatory	5.0%
N	60

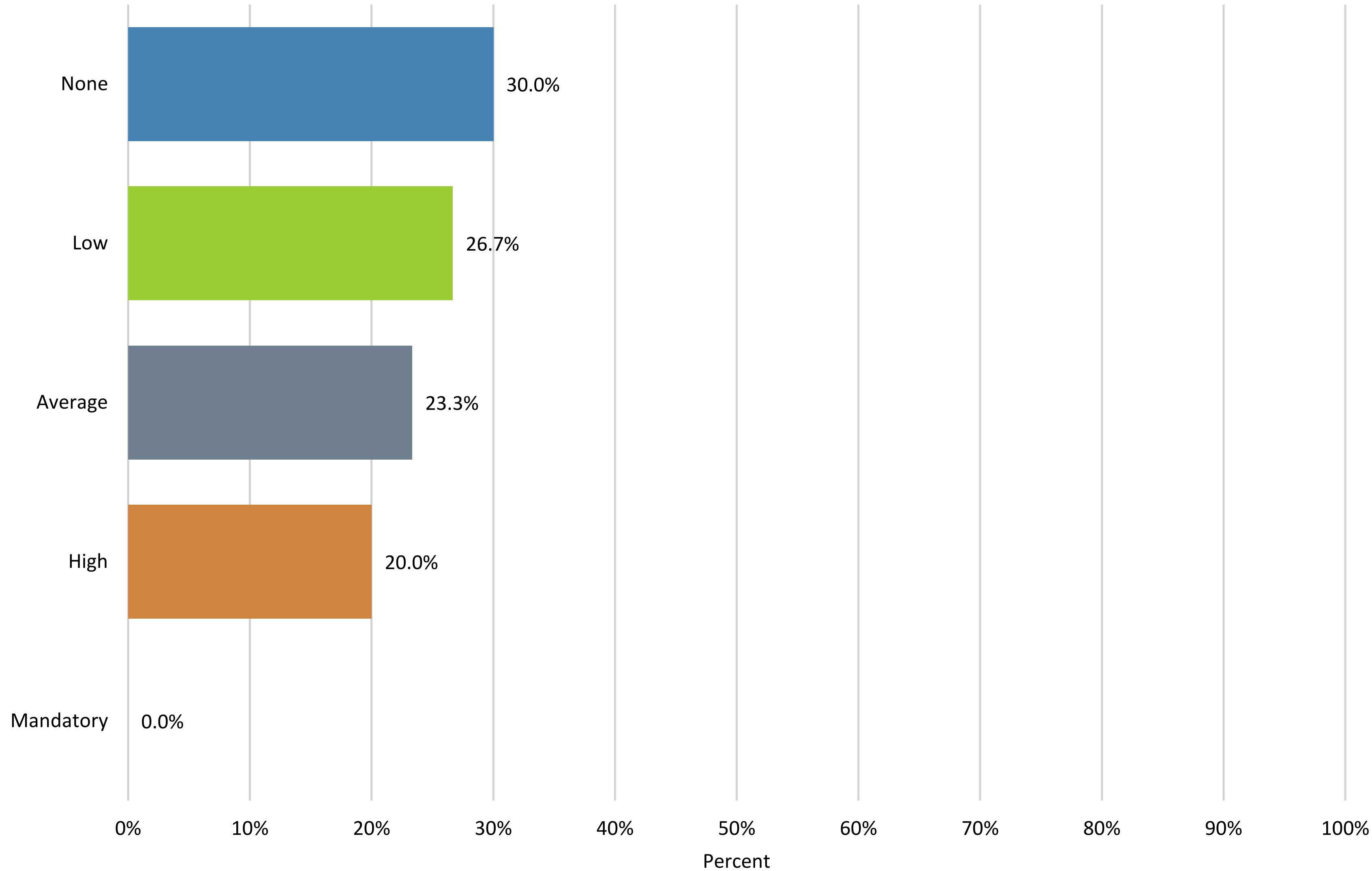
27. Nanoscale Elements for Electronics and Sensing: Design and Device Production



27. Nanoscale Elements for Electronics and Sensing: Design and Device Production

Name	Percent
None	33.3%
Low	25.0%
Average	16.7%
High	23.3%
Mandatory	1.7%
N	60

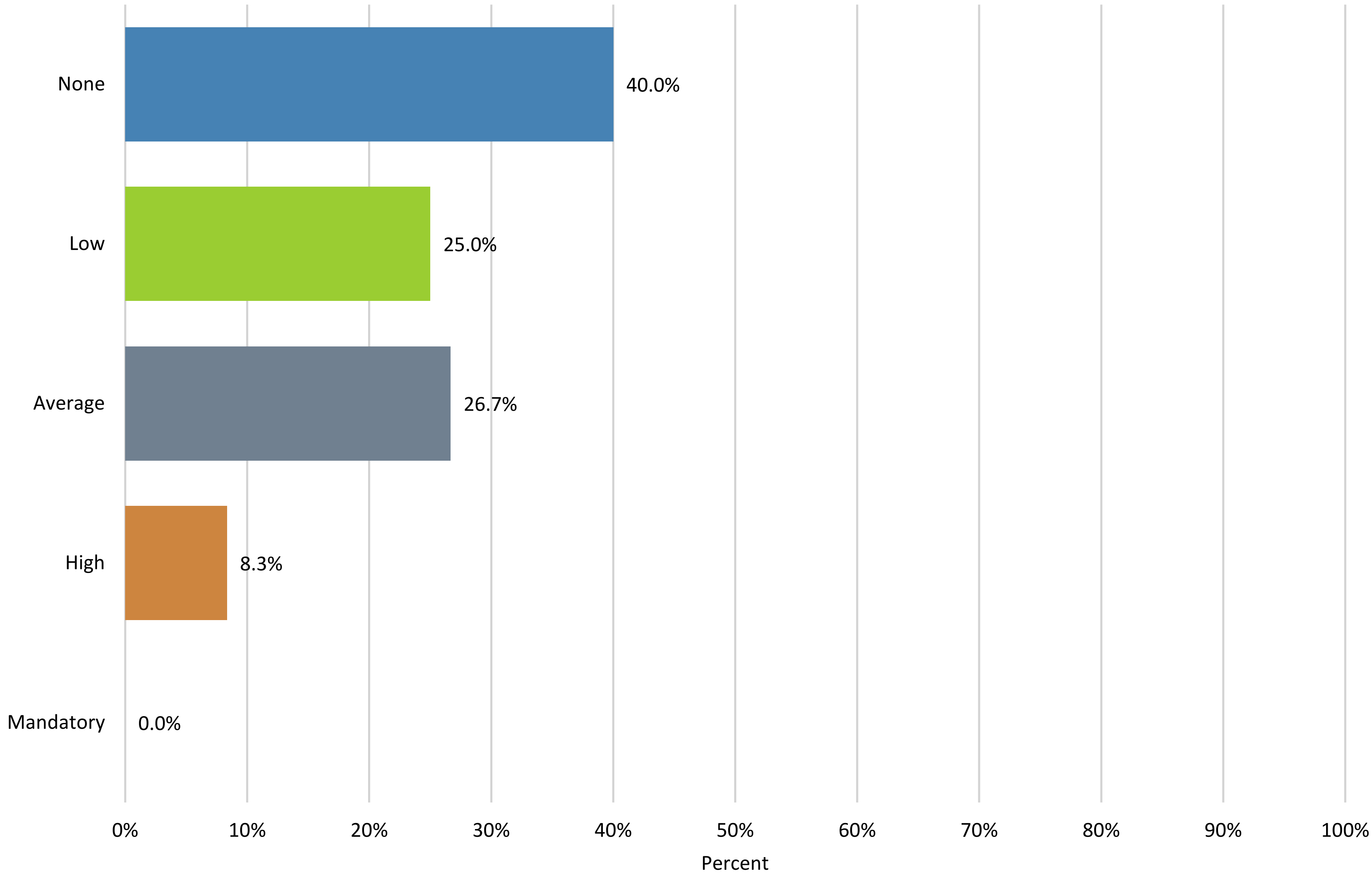
28. Nanoelectronics Systems: Future Nanoeletronic Devices and Manufacturing Processes



28. Nanoelectronics Systems: Future Nanoeletronic Devices and Manufacturing Processes

Name	Percent
None	30.0%
Low	26.7%
Average	23.3%
High	20.0%
Mandatory	0.0%
N	60

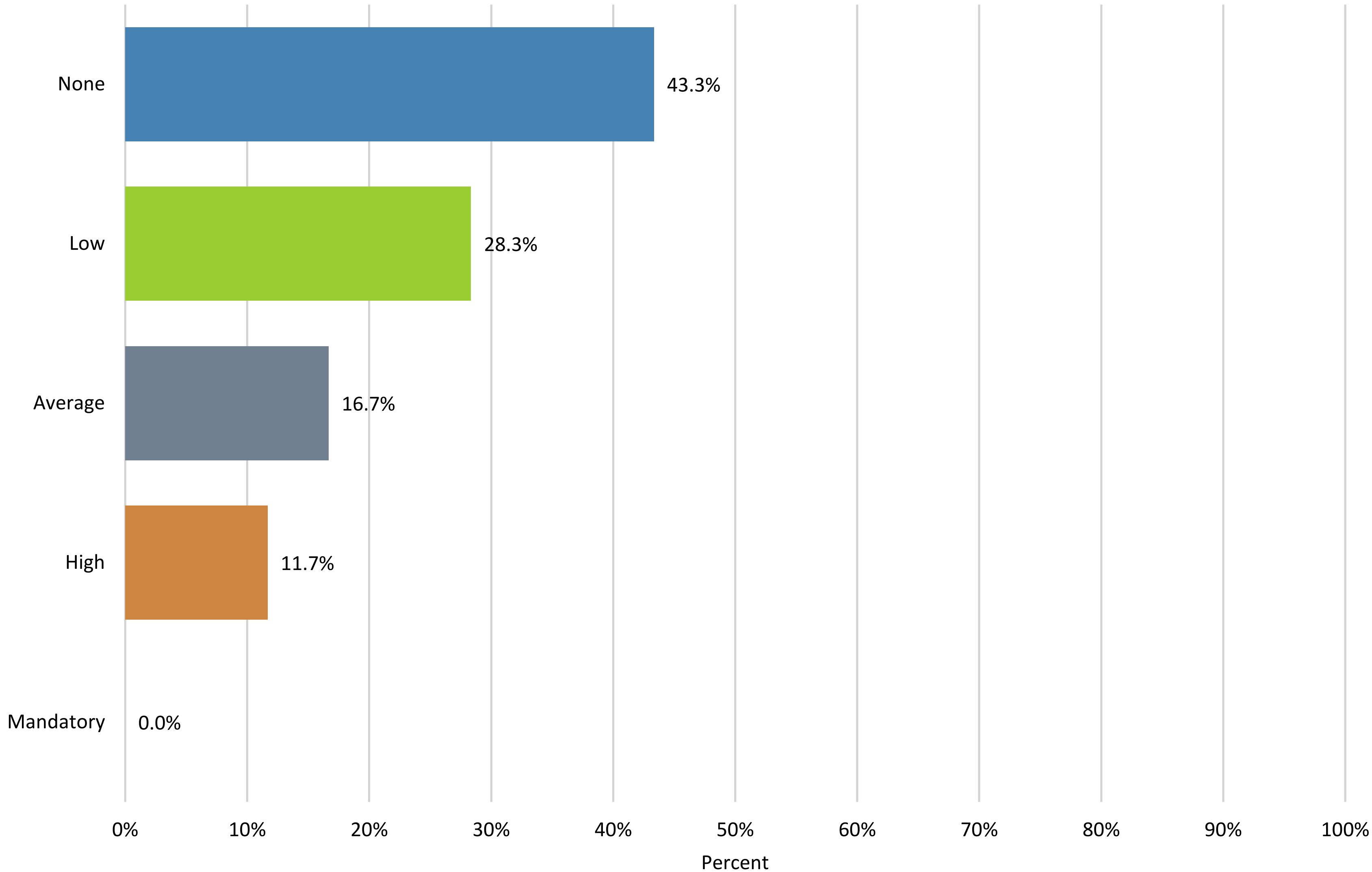
29. BioMolecular NanoComputing



29. BioMolecular NanoComputing

Name	Percent
None	40.0%
Low	25.0%
Average	26.7%
High	8.3%
Mandatory	0.0%
N	60

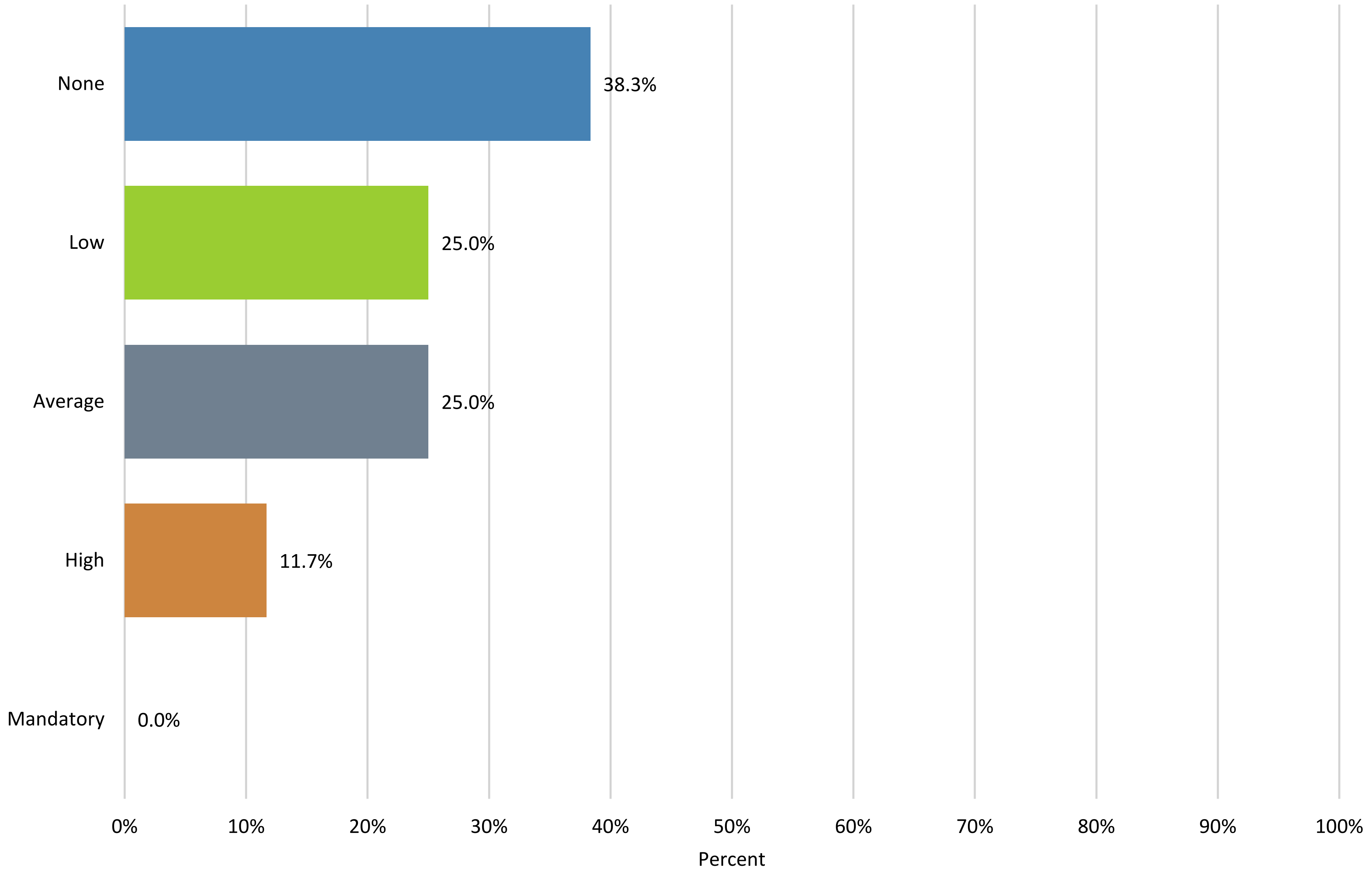
30. Memristor-Based Neuromorphic Systems



30. Memristor-Based Neuromorphic Systems

Name	Percent
None	43.3%
Low	28.3%
Average	16.7%
High	11.7%
Mandatory	0.0%
N	60

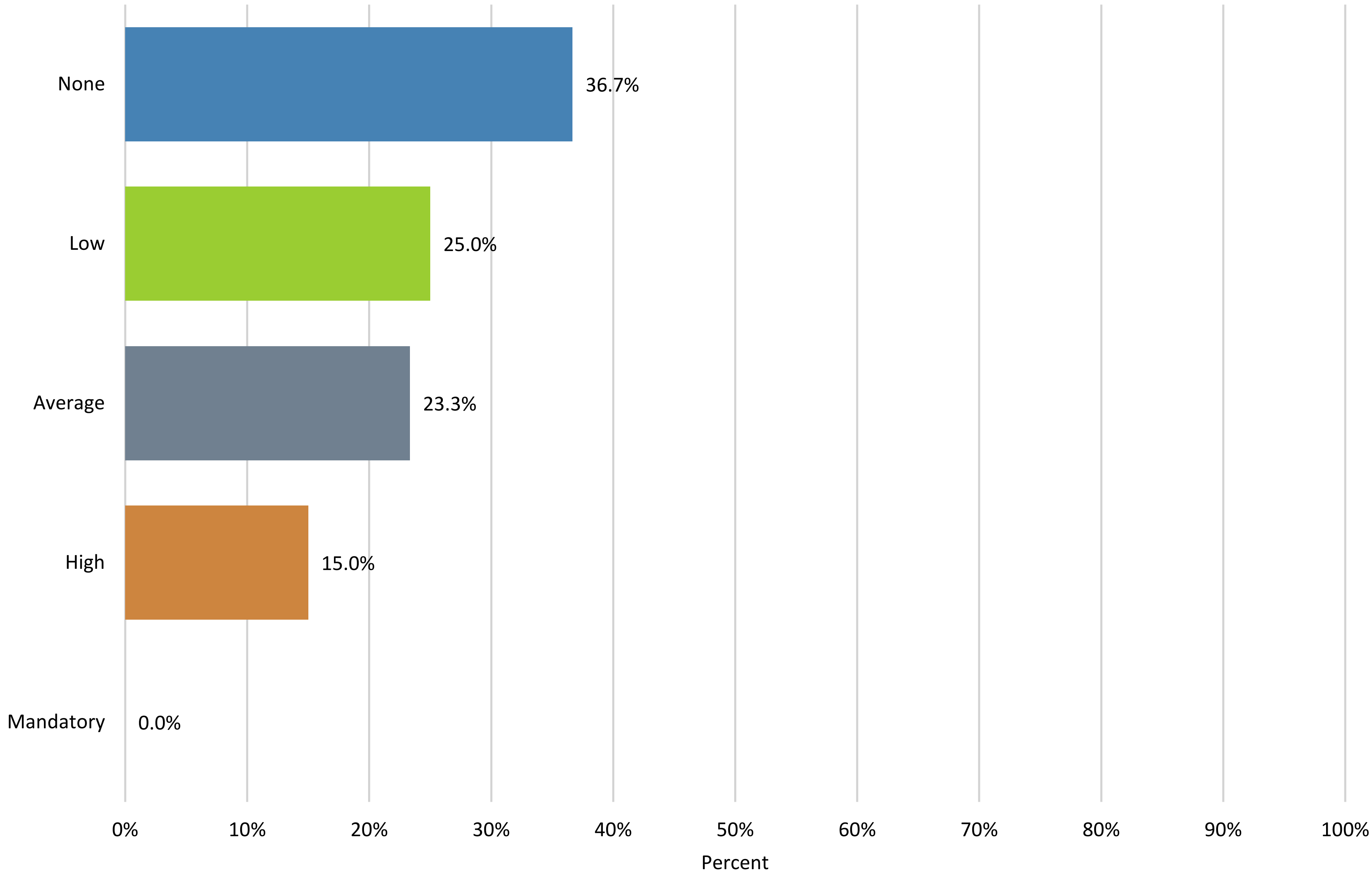
31. Bioelectronics



31. Bioelectronics

Name	Percent
None	38.3%
Low	25.0%
Average	25.0%
High	11.7%
Mandatory	0.0%
N	60

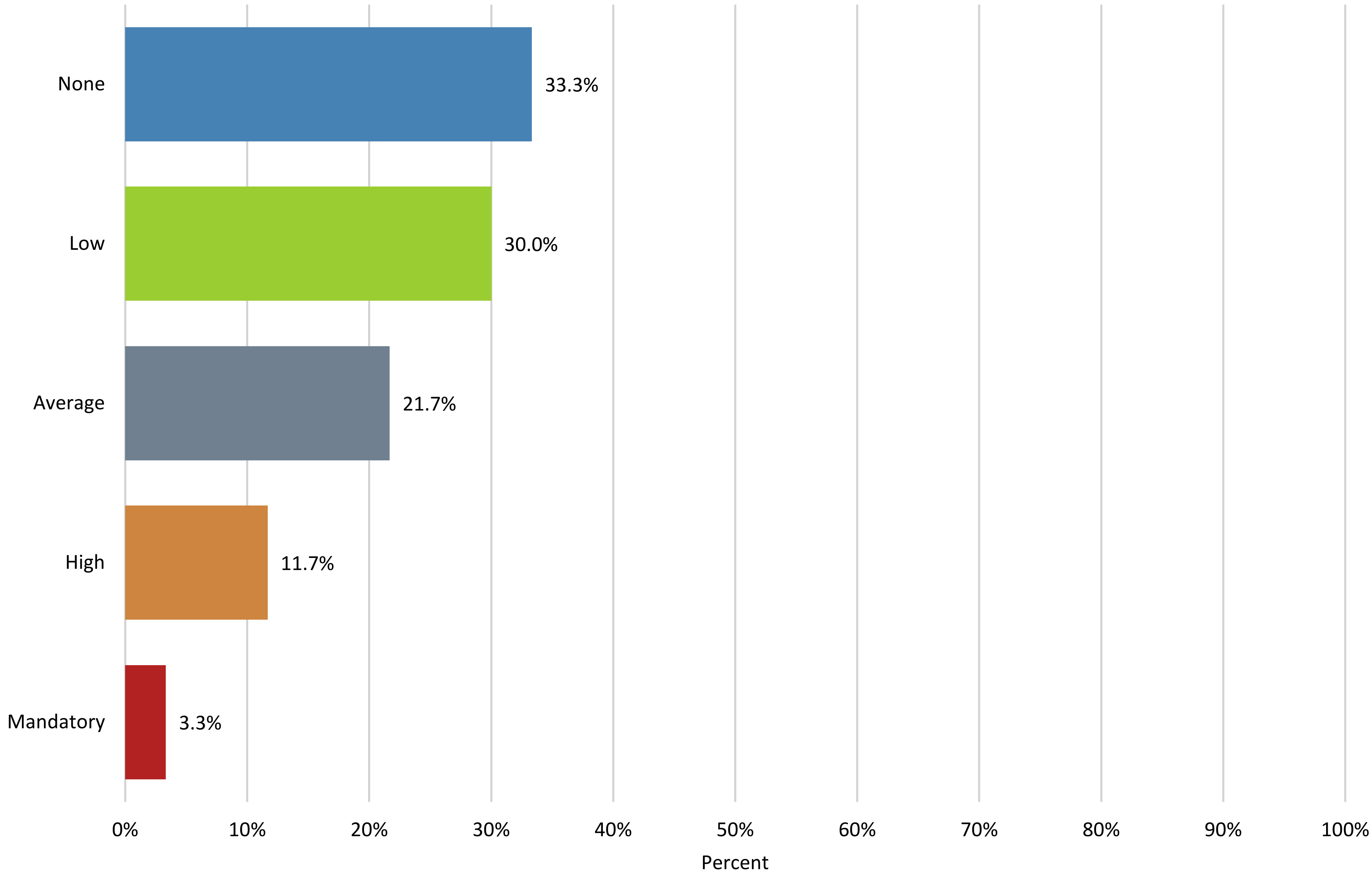
32. Nanoelectronics for ICT



32. Nanoelectronics for ICT

Name	Percent
None	36.7%
Low	25.0%
Average	23.3%
High	15.0%
Mandatory	0.0%
N	60

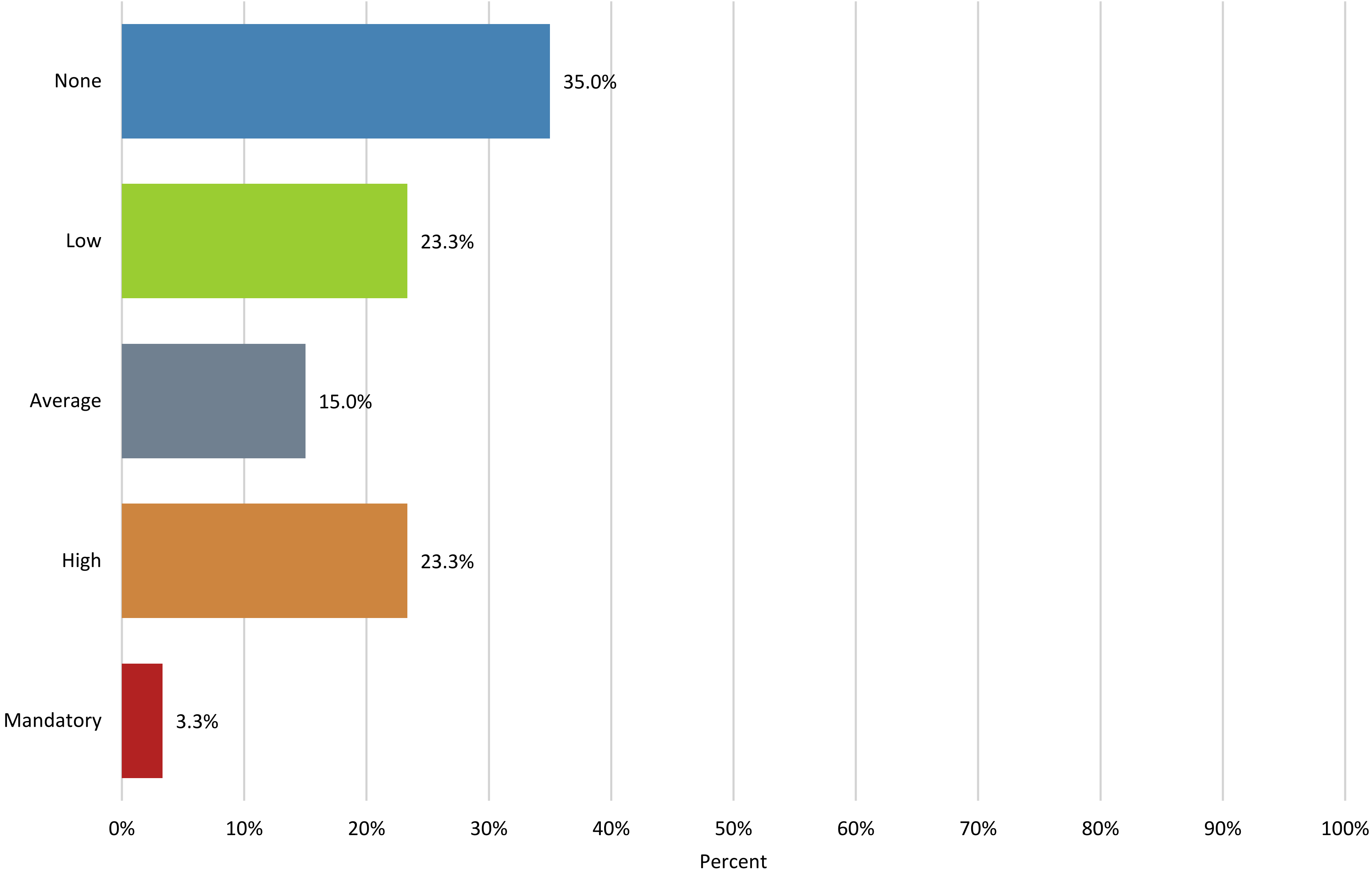
33. Nanotechnology for solar energy utilization



33. Nanotechnology for solar energy utilization

Name	**Percent**
None	33.3%
Low	30.0%
Average	21.7%
High	11.7%
Mandatory	3.3%
N	60

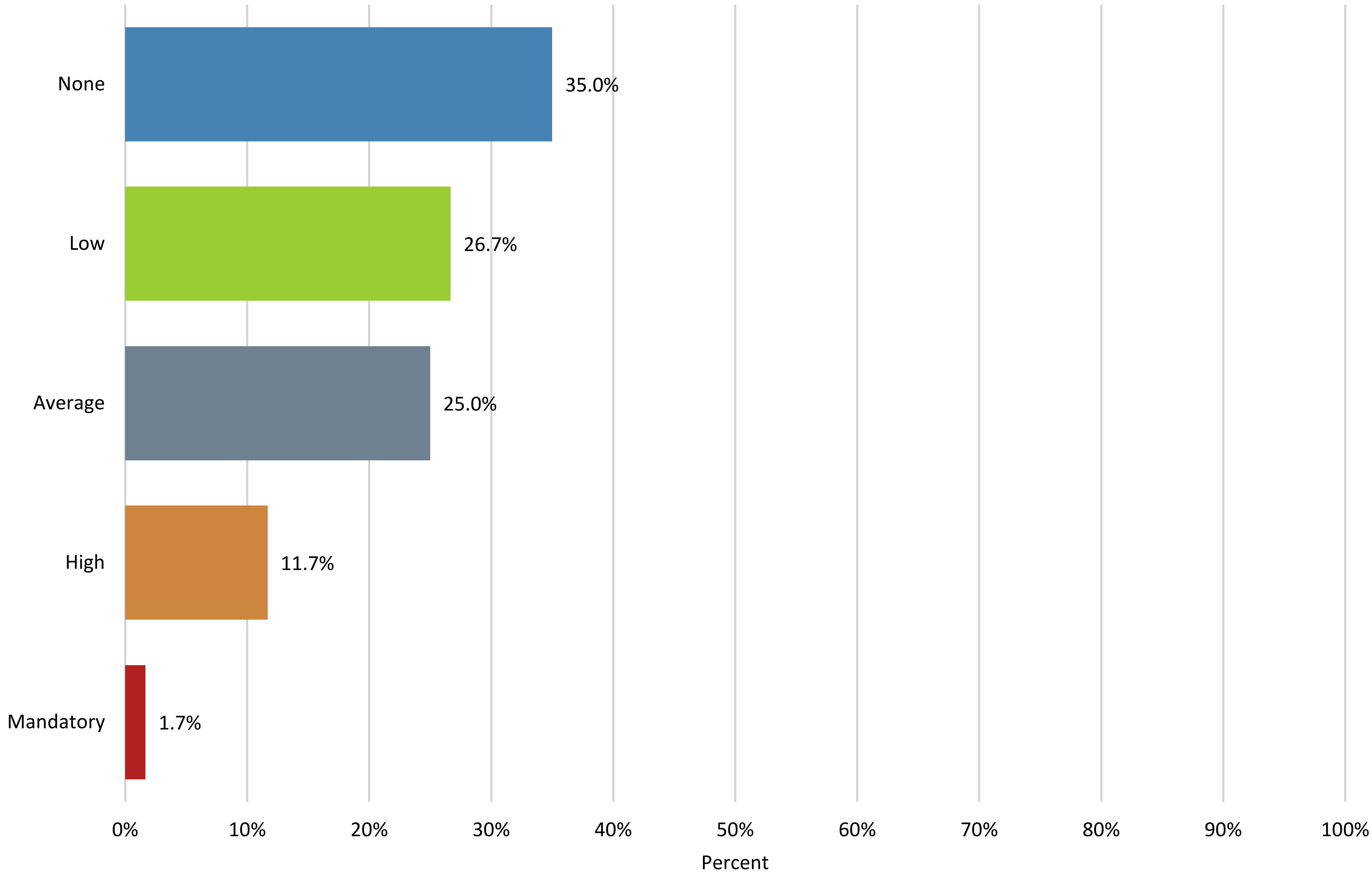
34. Advanced optoelectronic instrumentation & materials



34. Advanced optoelectronic instrumentation & materials

Name	Percent
None	35.0%
Low	23.3%
Average	15.0%
High	23.3%
Mandatory	3.3%
N	60

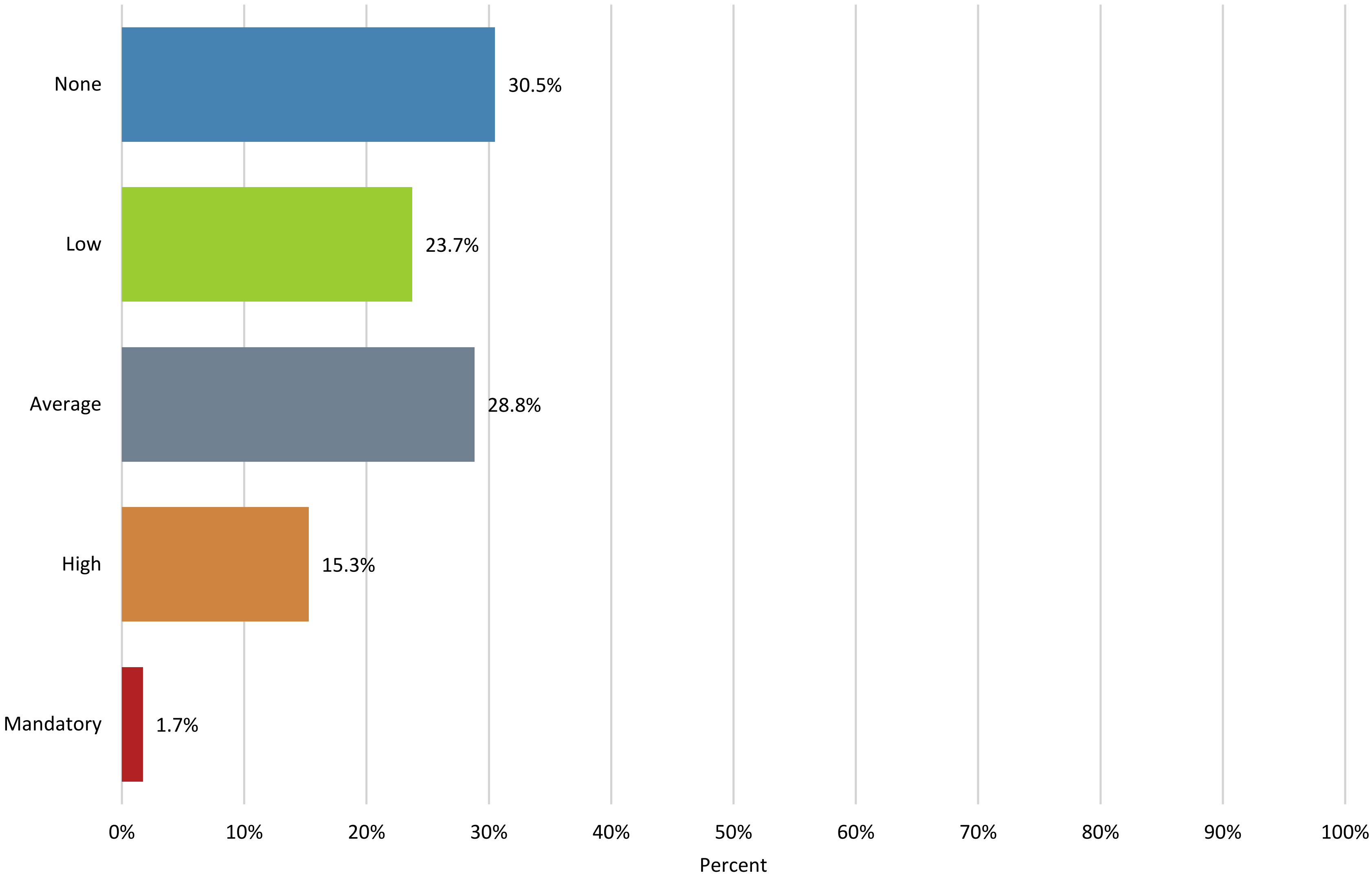
35. Socio- ethical and environmental aspects of nanotechnology/nanoelectronics



35. Socio- ethical and environmental aspects of nanotechnology/nanoelectronics

Name	Percent
None	35.0%
Low	26.7%
Average	25.0%
High	11.7%
Mandatory	1.7%
N	60

36. Nanoelectronics systems: present and future business and manufacturing systems



36. Nanoelectronics systems: present and future business and manufacturing systems

Name	Percent
None	30.5%
Low	23.7%
Average	28.8%
High	15.3%
Mandatory	1.7%
N	59

37. Are there other domains not listed above, where your company have a need on a long time (more than 3 years) point of view?

norhaznihassan@yahoo.com:
no

syedhafiz176@gmail.com:
Nonw

nooraida.isa@gmail.com:
No

mosoron@kilolambda.com:
nano-optical structures, (non linear interactionwith light)

shay@mizur.com:
tribology in micro and nano system, squeeze film phenomena in micro and nano, charge trappingd and dissipation, electrical breakdown in micro and nano

siva.omana@gmail.com:
No

raku.nadarajah.mmu@gmail.com:
No comments

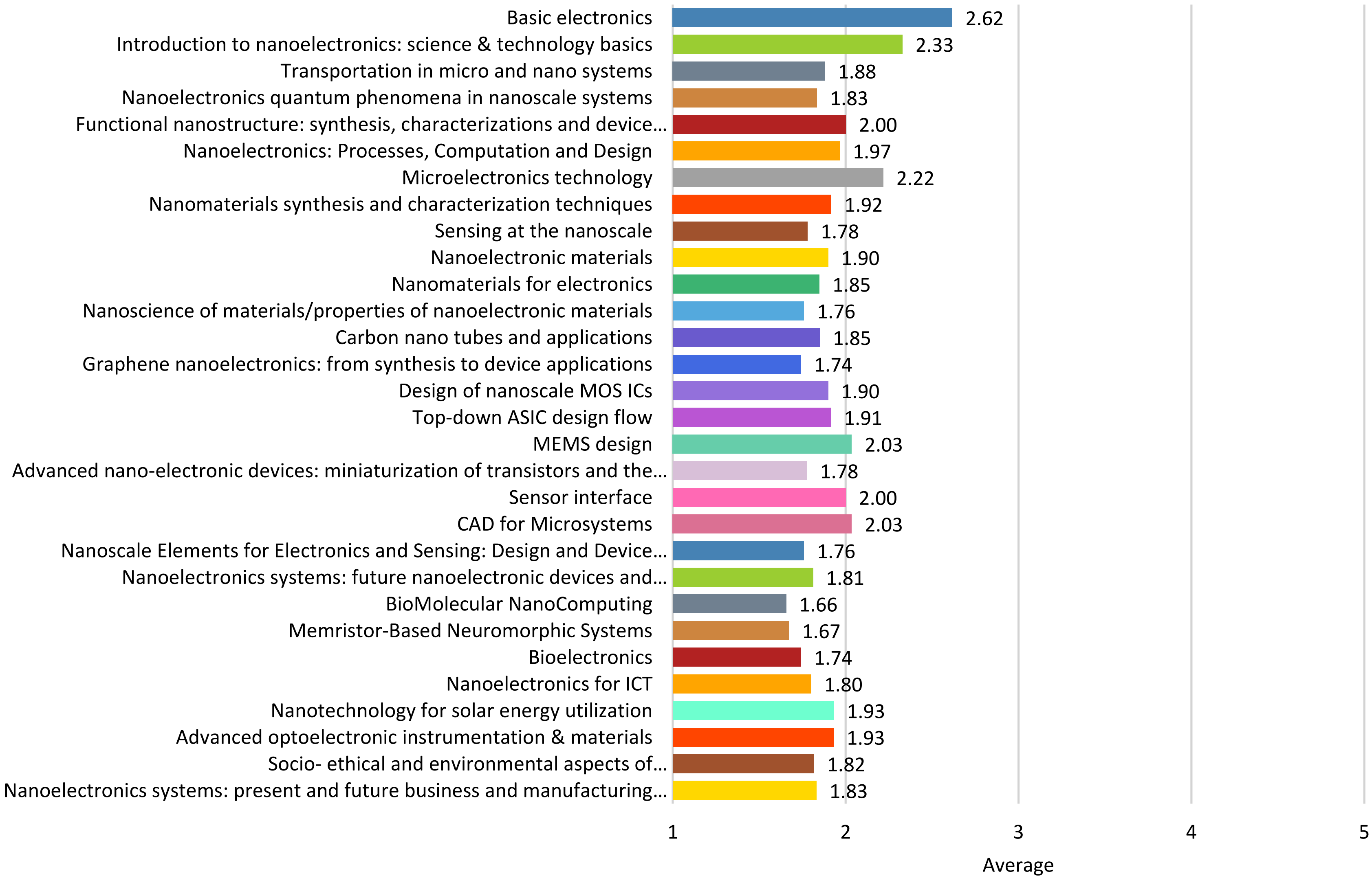
veera_arumugam@yahoo.com:
Nil

vimalan_12@yahoo.com.my:
none

wangruicong@xinteenergy.com:
polysilicon research, ceramic

chengwu0909@163.com:
no

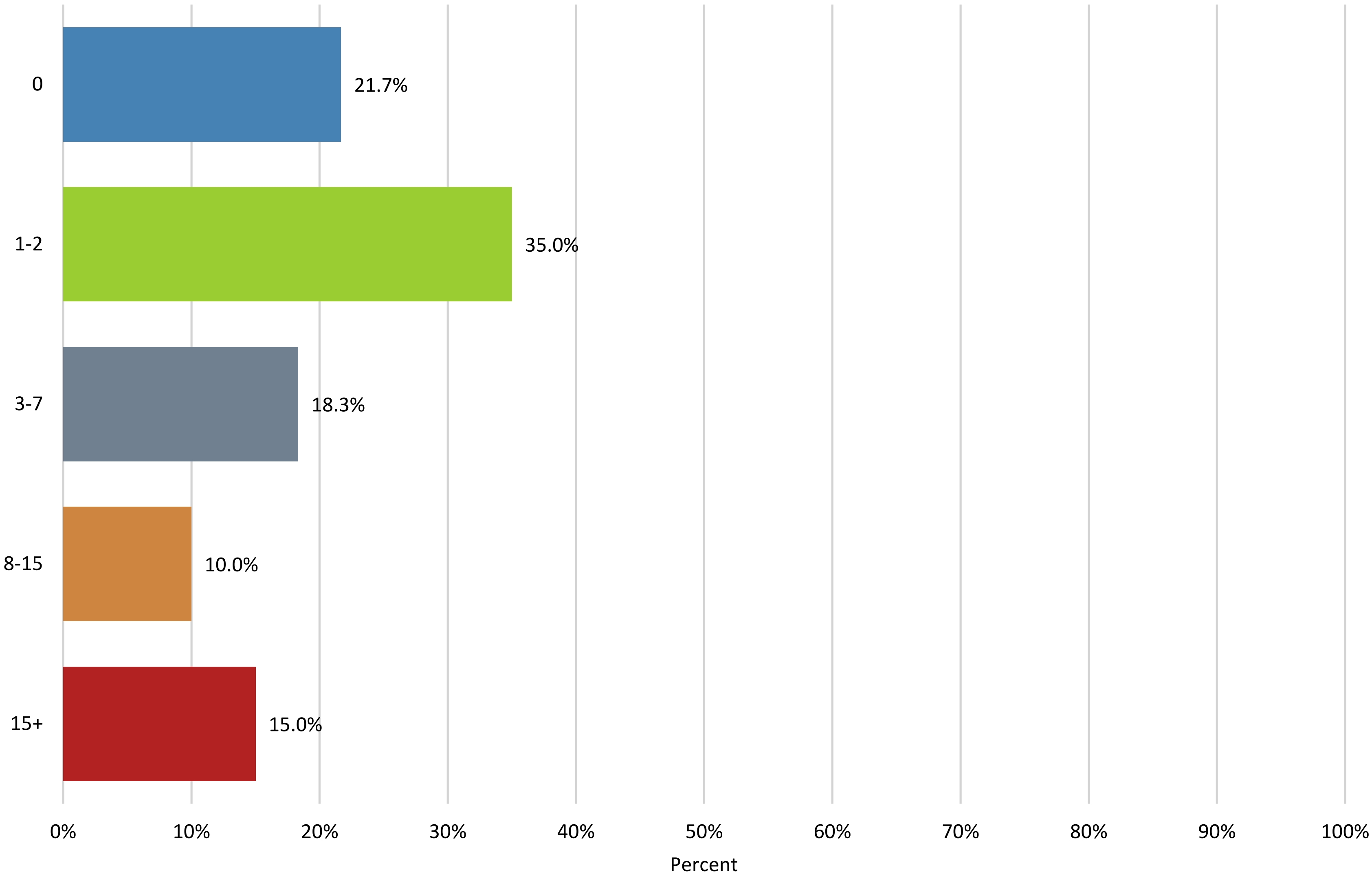
38. On a long time (more than 3 years) point of view, how many employees does your company need to hire or to be trained within the following domains?



38. On a long time (more than 3 years) point of view, how many employees does your company need to hire or to be trained within the following domains?

Question	Average	N
Basic electronics	2.62	60
Introduction to nanoelectronics: science & technology basics	2.33	58
Transportation in micro and nano systems	1.88	58
Nanoelectronics quantum phenomena in nanoscale systems	1.83	60
Functional nanostructure: synthesis, characterizations and device applications	2.00	59
Nanoelectronics: Processes, Computation and Design	1.97	58
Microelectronics technology	2.22	60
Nanomaterials synthesis and characterization techniques	1.92	60
Sensing at the nanoscale	1.78	59
Nanoelectronic materials	1.90	59
Nanomaterials for electronics	1.85	59
Nanoscience of materials/properties of nanoelectronic materials	1.76	58
Carbon nano tubes and applications	1.85	60
Graphene nanoelectronics: from synthesis to device applications	1.74	58
Design of nanoscale MOS ICs	1.90	59
Top-down ASIC design flow	1.91	58
MEMS design	2.03	59
Advanced nano-electronic devices: miniaturization of transistors and the resulting impact on their performance.	1.78	58

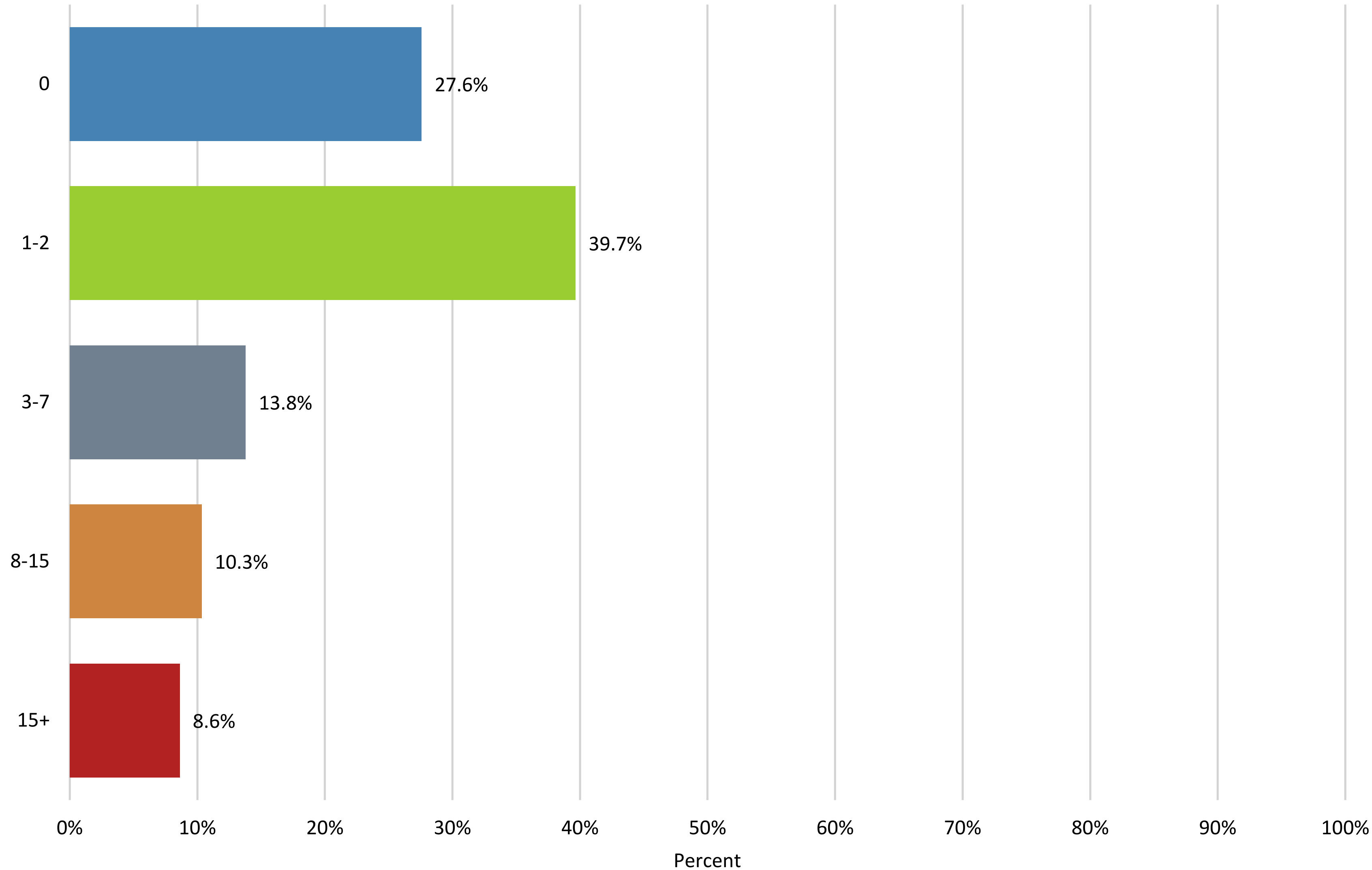
39. Basic electronics



39. Basic electronics

Name	Percent
0	21.7%
1-2	35.0%
3-7	18.3%
8-15	10.0%
15+	15.0%
N	60

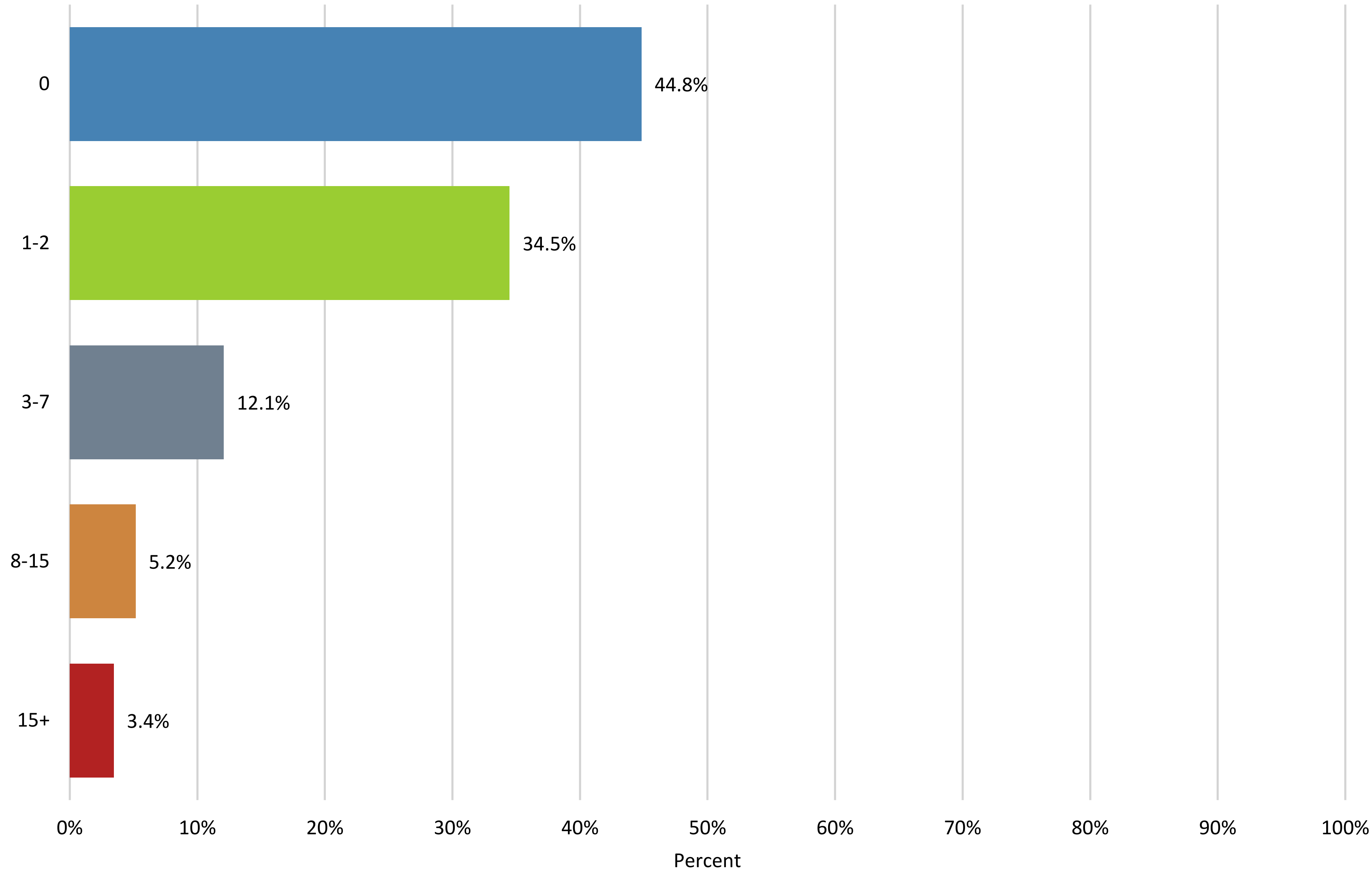
40. Introduction to nanoelectronics: science & technology basics



40. Introduction to nanoelectronics: science & technology basics

Name	Percent
0	27.6%
1-2	39.7%
3-7	13.8%
8-15	10.3%
15+	8.6%
N	58

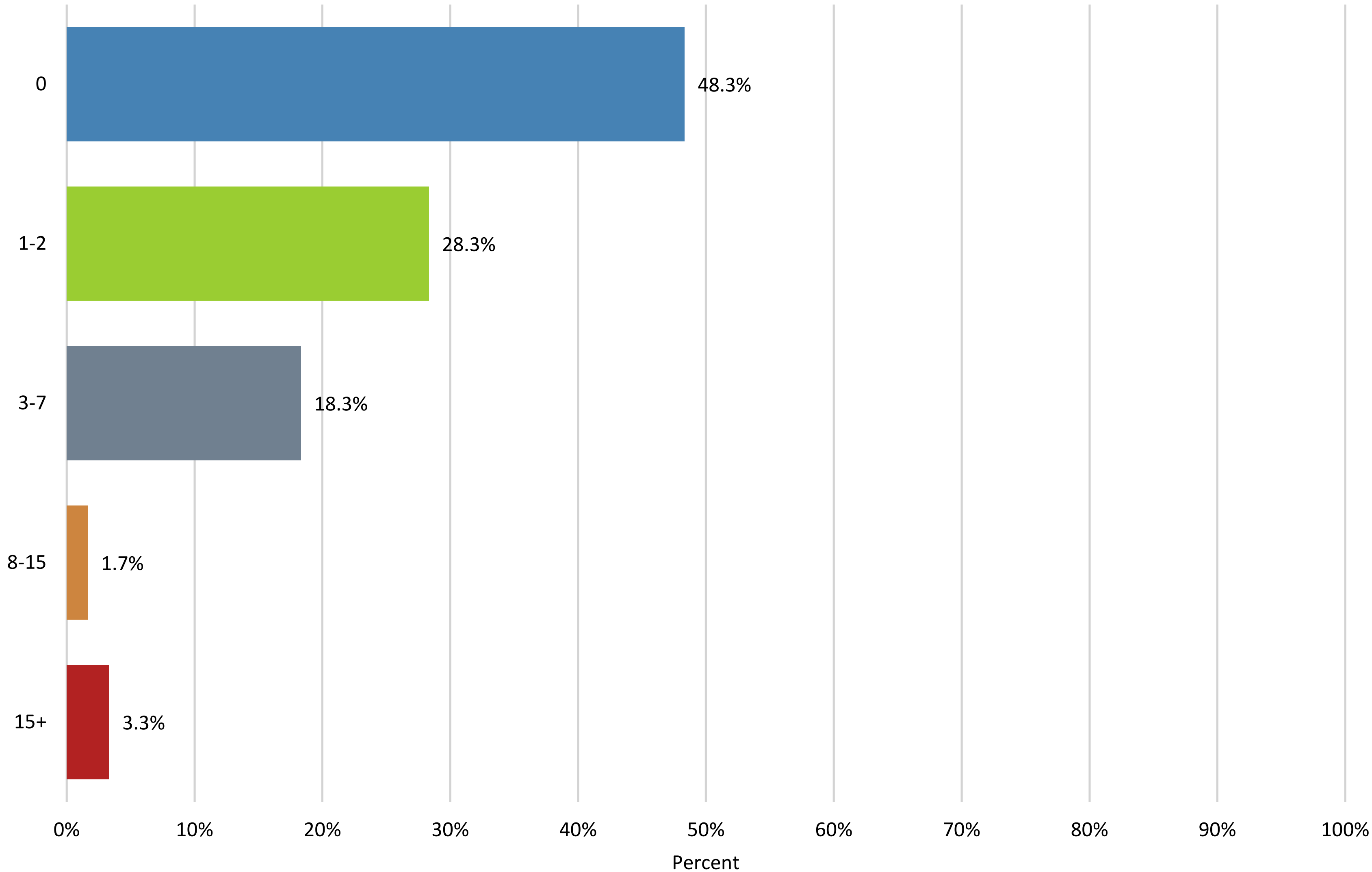
41. Transportation in micro and nano systems



41. Transportation in micro and nano systems

Name	Percent
0	44.8%
1-2	34.5%
3-7	12.1%
8-15	5.2%
15+	3.4%
N	58

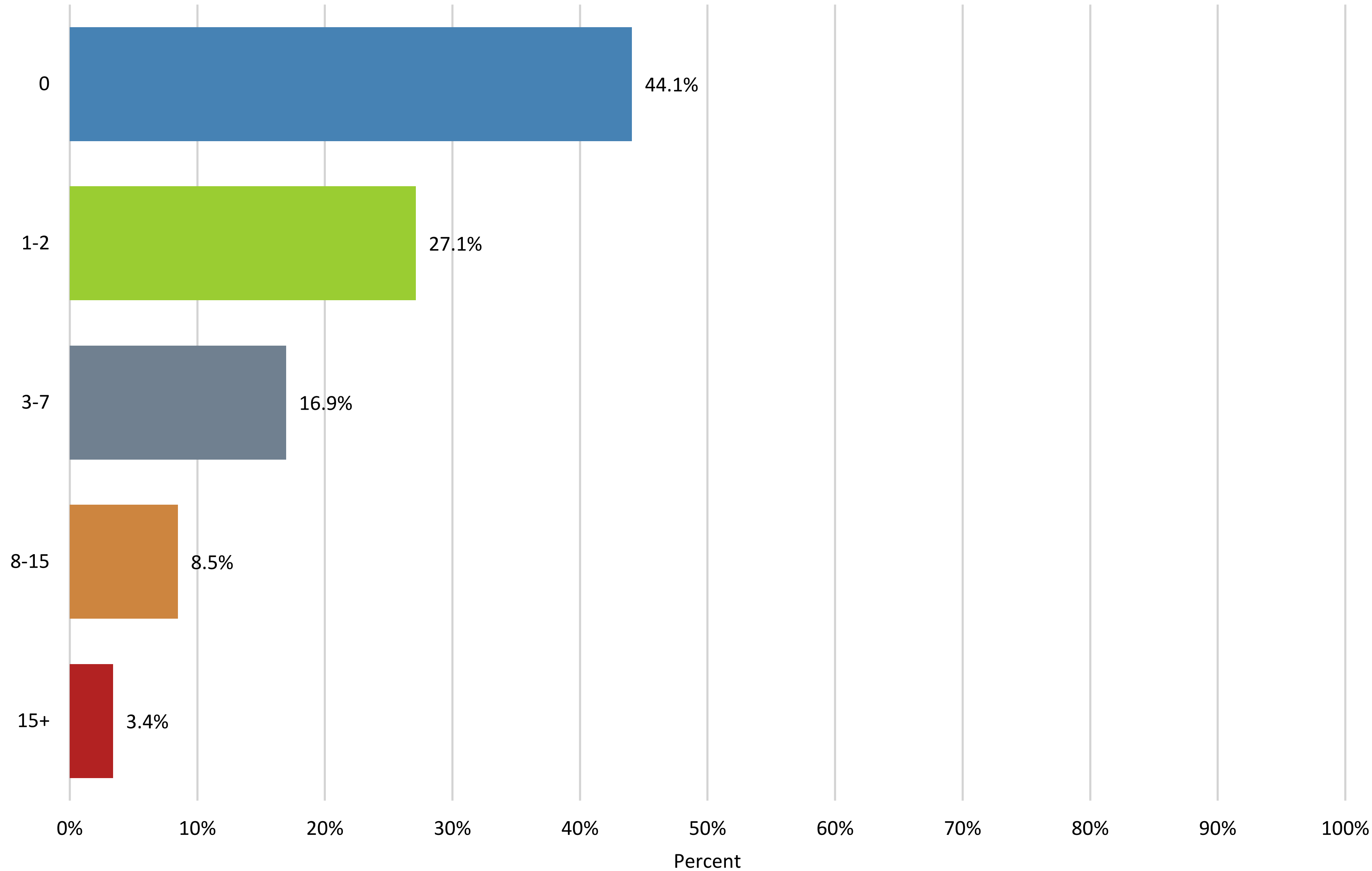
42. Nanoelectronics quantum phenomena in nanoscale systems



42. Nanoelectronics quantum phenomena in nanoscale systems

Name	Percent
0	48.3%
1-2	28.3%
3-7	18.3%
8-15	1.7%
15+	3.3%
N	60

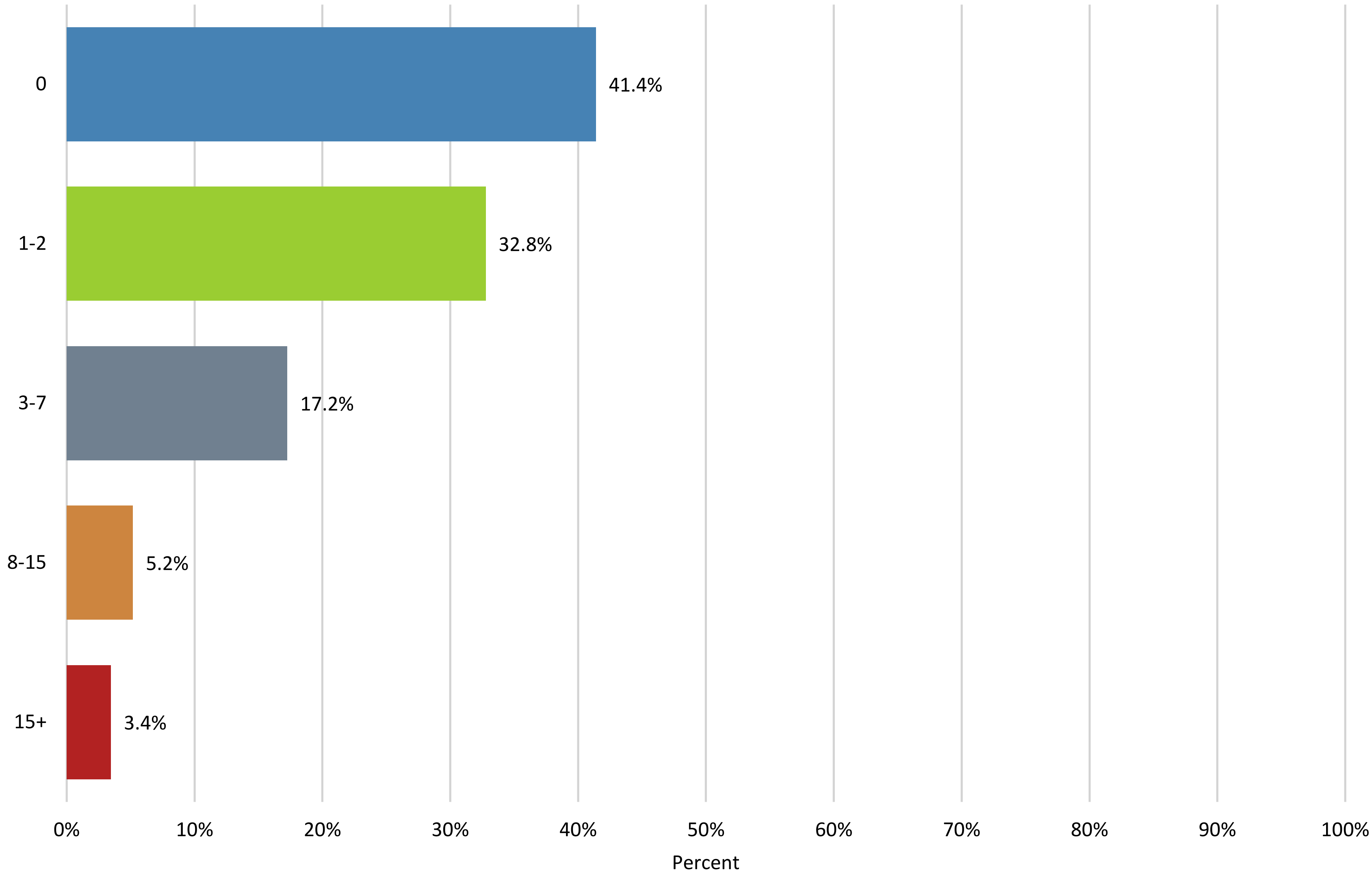
43. Functional nanostructure: synthesis, characterizations and device applications



43. Functional nanostructure: synthesis, characterizations and device applications

Name	Percent
0	44.1%
1-2	27.1%
3-7	16.9%
8-15	8.5%
15+	3.4%
N	59

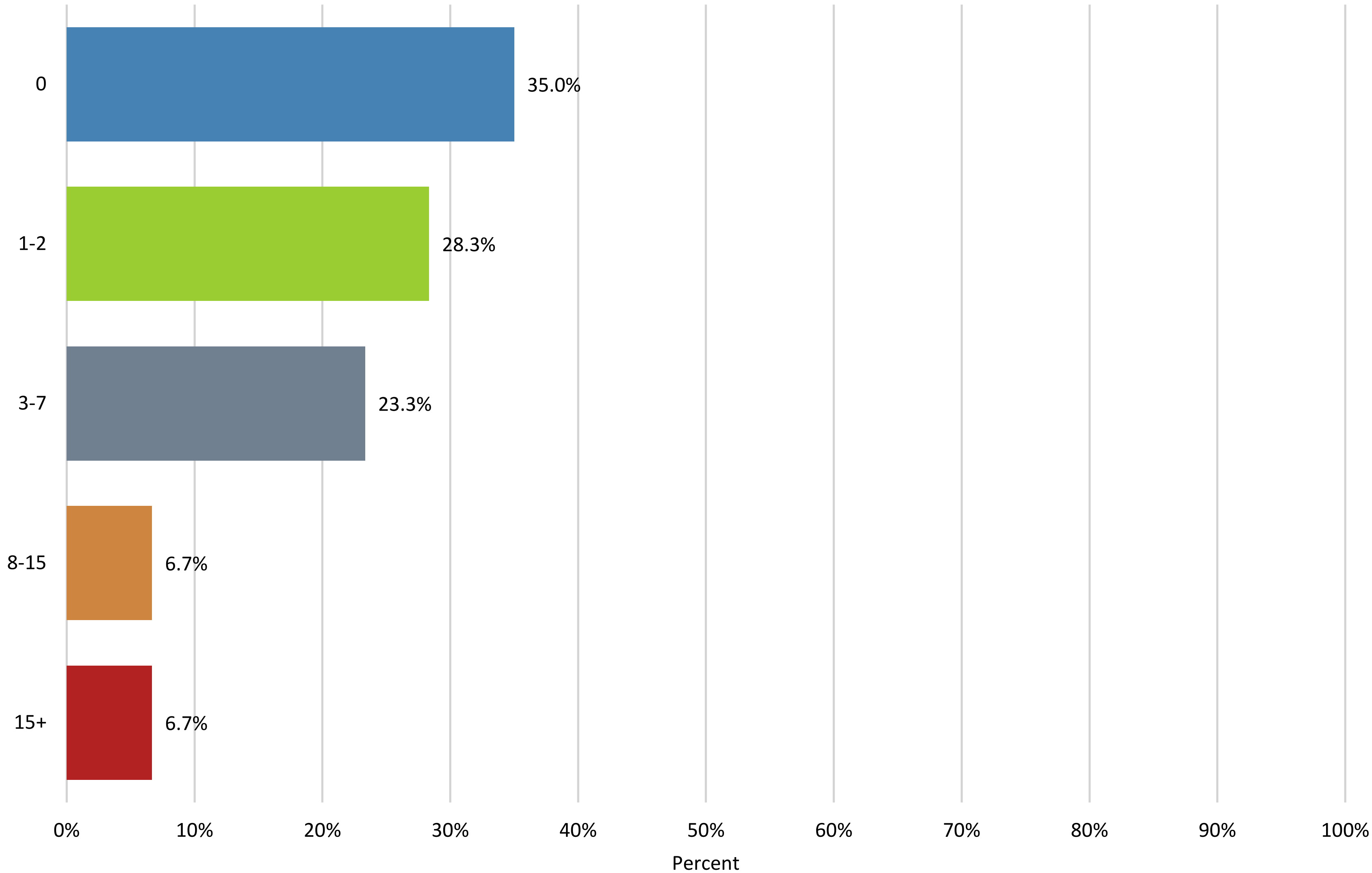
44. Nanoelectronics: Processes, Computation and Design



44. Nanoelectronics: Processes, Computation and Design

Name	Percent
0	41.4%
1-2	32.8%
3-7	17.2%
8-15	5.2%
15+	3.4%
N	58

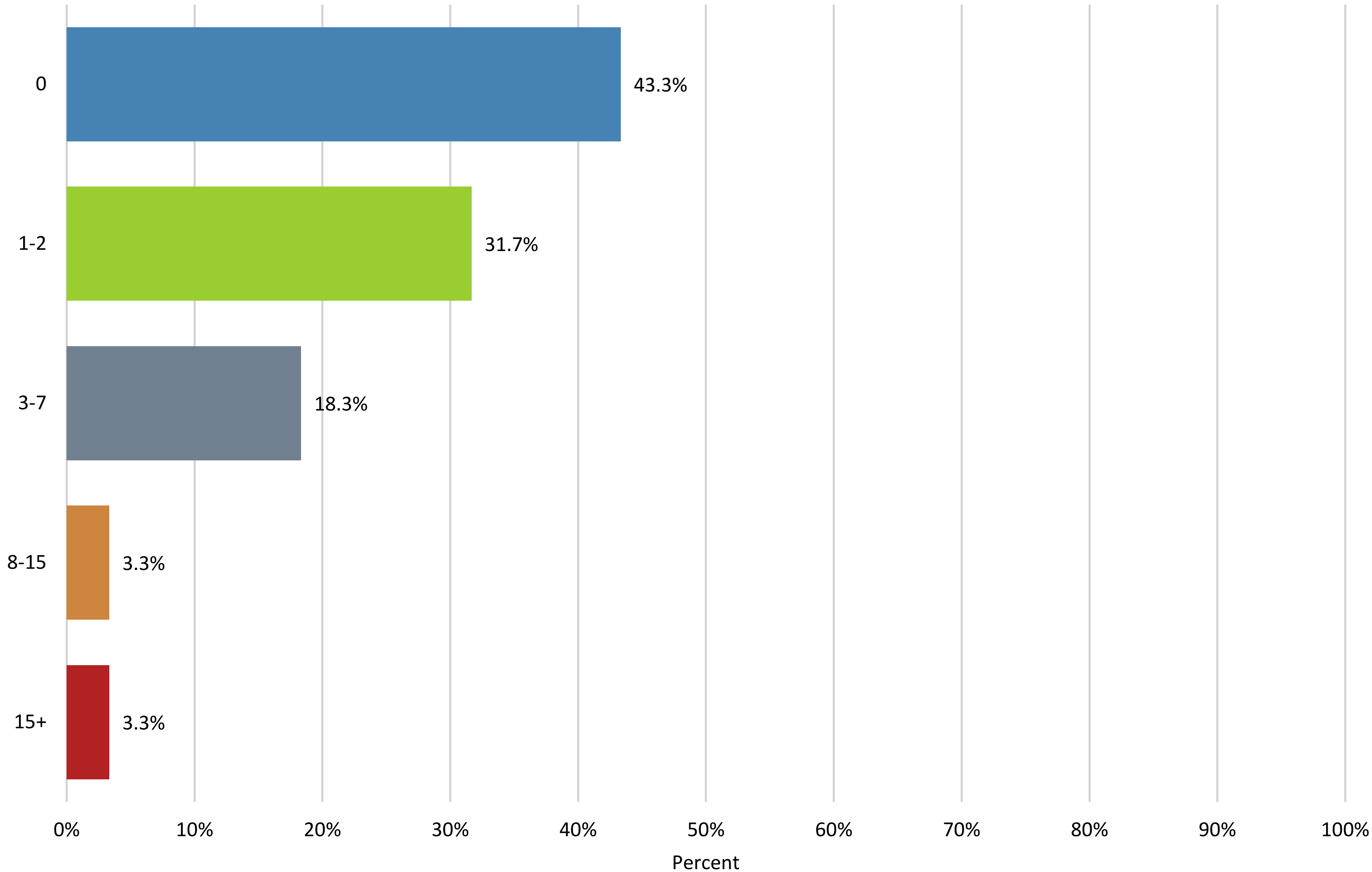
45. Microelectronics technology



45. Microelectronics technology

Name	Percent
0	35.0%
1-2	28.3%
3-7	23.3%
8-15	6.7%
15+	6.7%
N	60

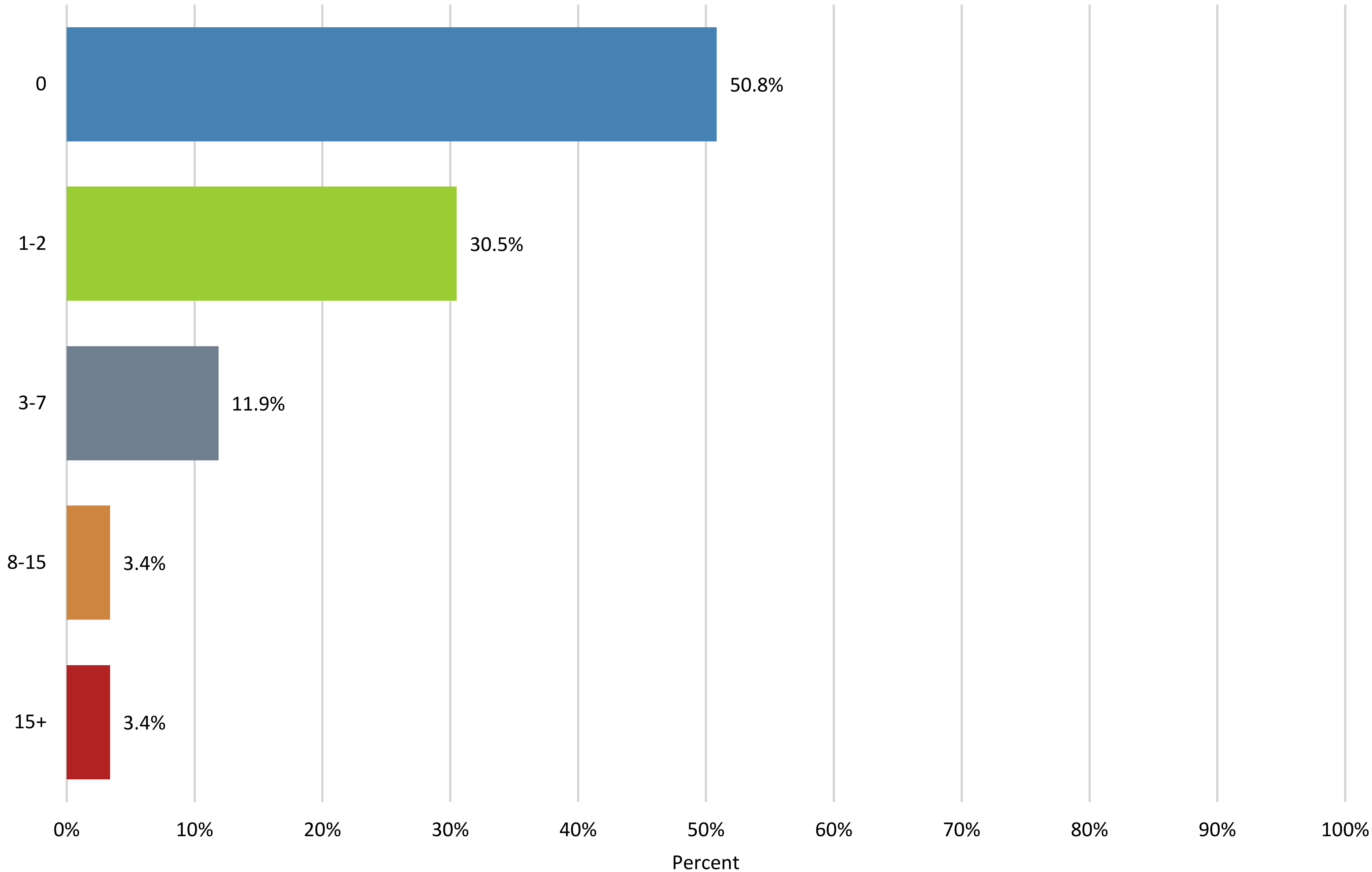
46. Nanomaterials synthesis and characterization techniques



46. Nanomaterials synthesis and characterization techniques

Name	Percent
0	43.3%
1-2	31.7%
3-7	18.3%
8-15	3.3%
15+	3.3%
N	60

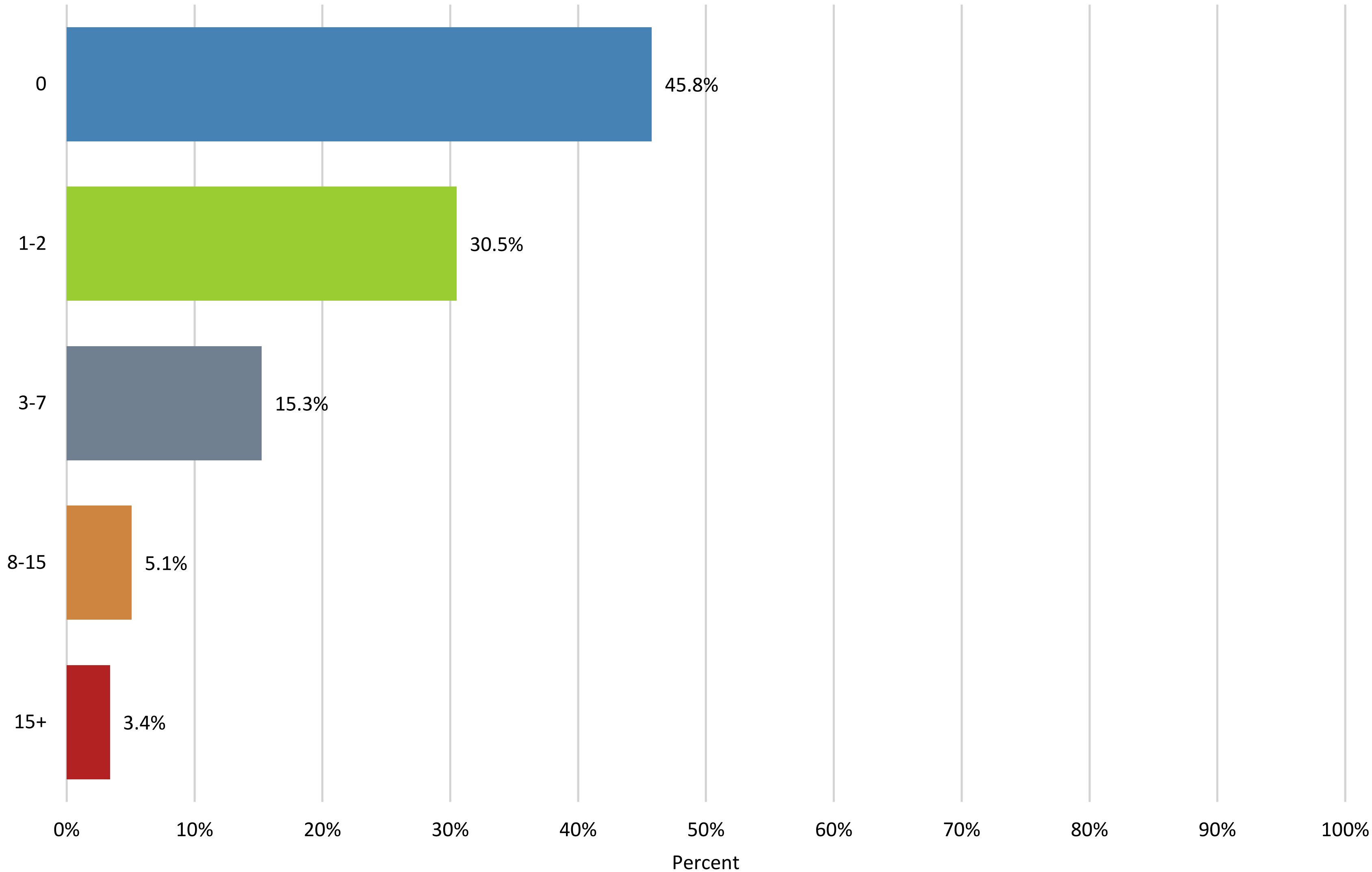
47. Sensing at the nanoscale



47. Sensing at the nanoscale

Name	Percent
0	50.8%
1-2	30.5%
3-7	11.9%
8-15	3.4%
15+	3.4%
N	59

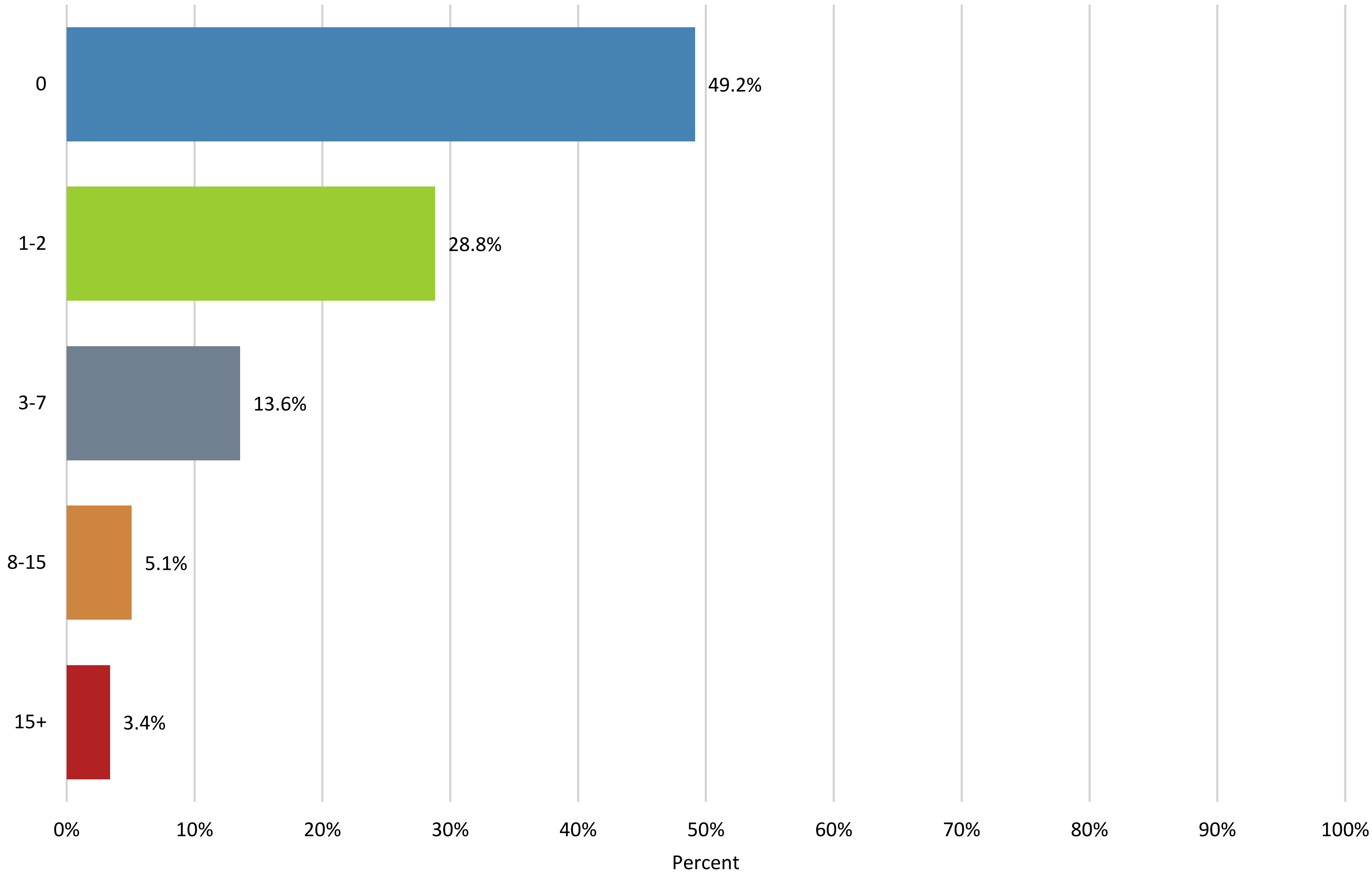
48. Nanoelectronic materials



48. Nanoelectronic materials

Name	Percent
0	45.8%
1-2	30.5%
3-7	15.3%
8-15	5.1%
15+	3.4%
N	59

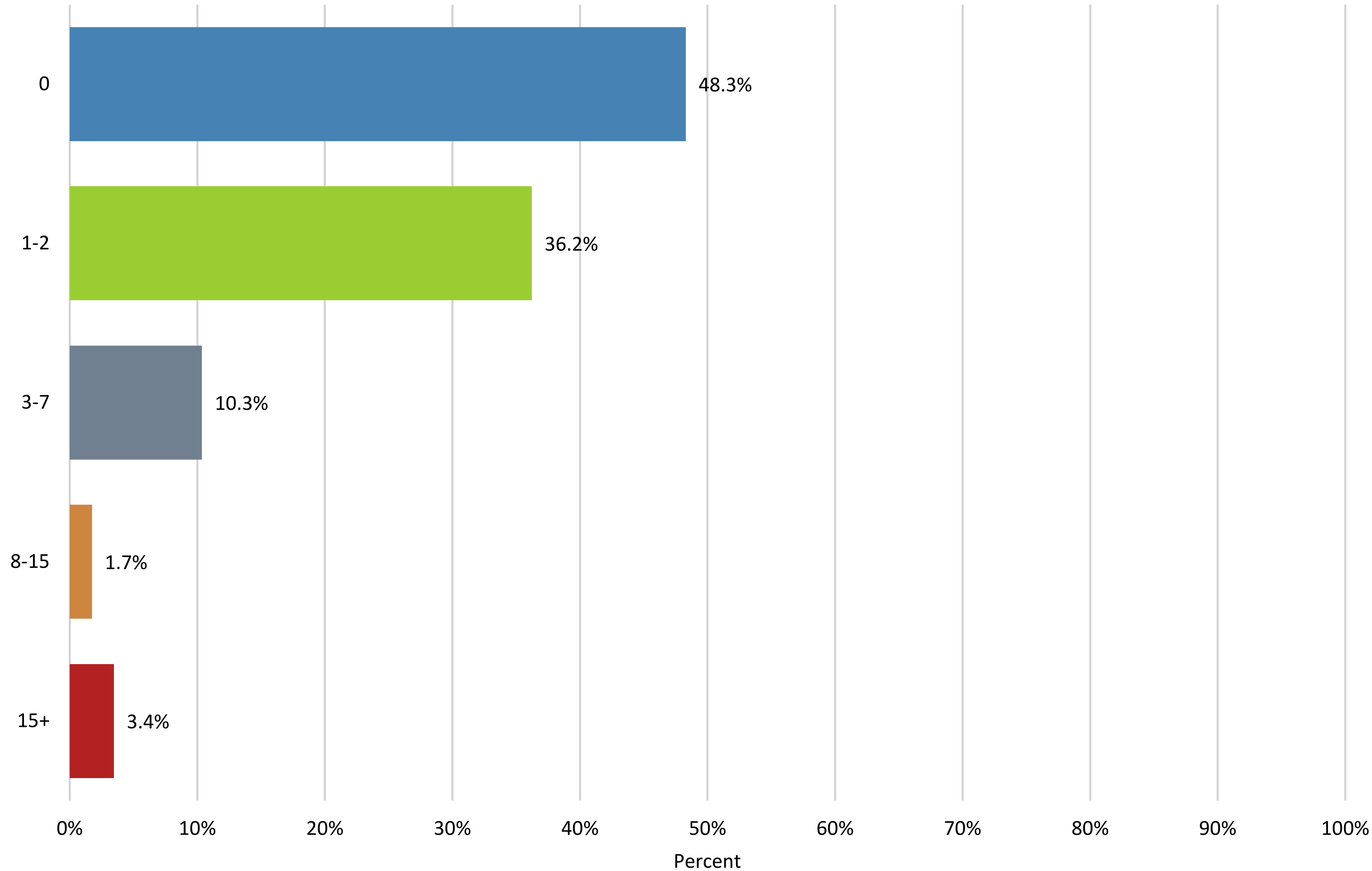
49. Nanomaterials for electronics



49. Nanomaterials for electronics

Name	Percent
0	49.2%
1-2	28.8%
3-7	13.6%
8-15	5.1%
15+	3.4%
N	59

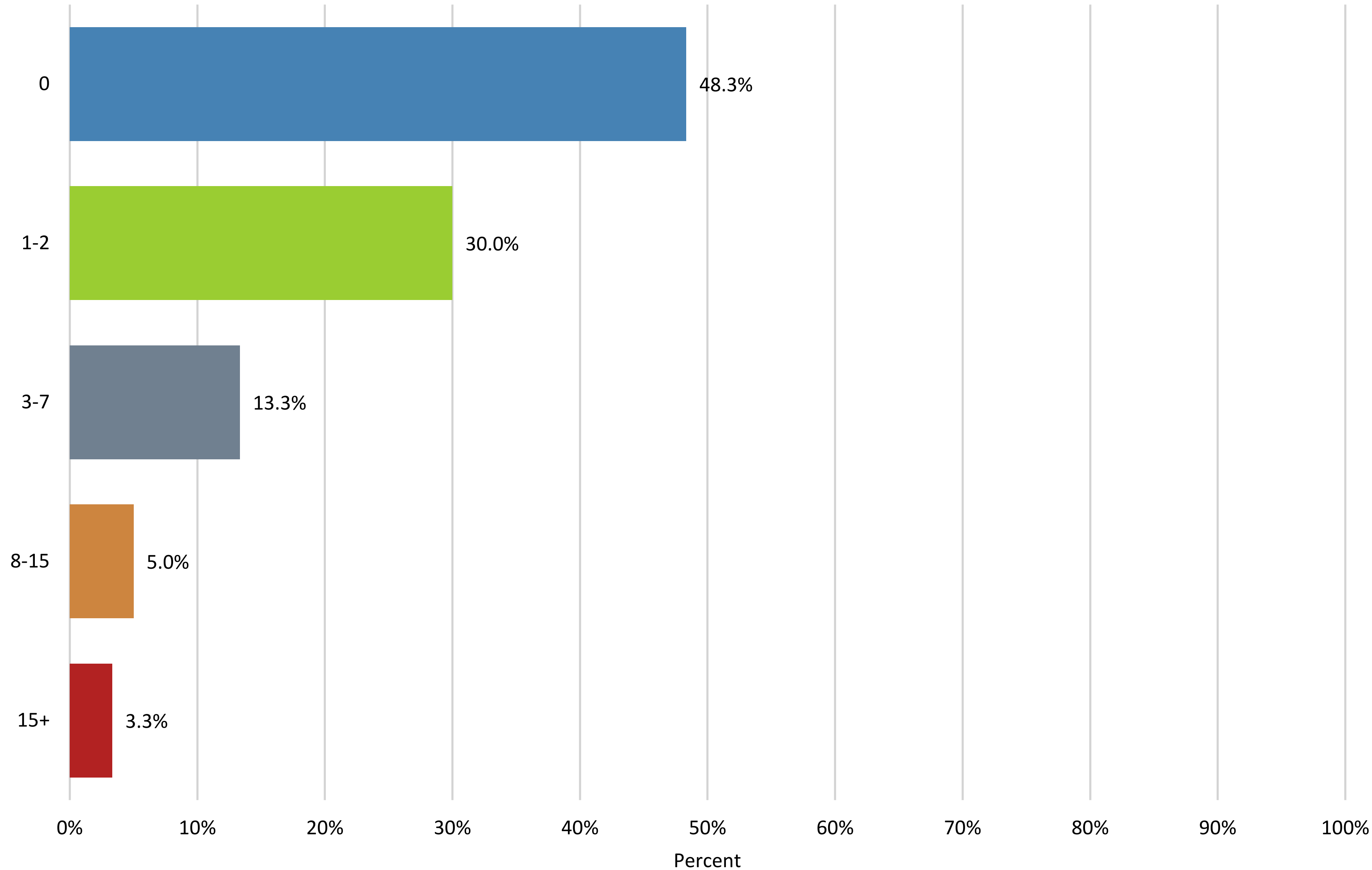
50. Nanoscience of materials/properties of nanoelectronic materials



50. Nanoscience of materials/properties of nanoelectronic materials

Name	Percent
0	48.3%
1-2	36.2%
3-7	10.3%
8-15	1.7%
15+	3.4%
N	58

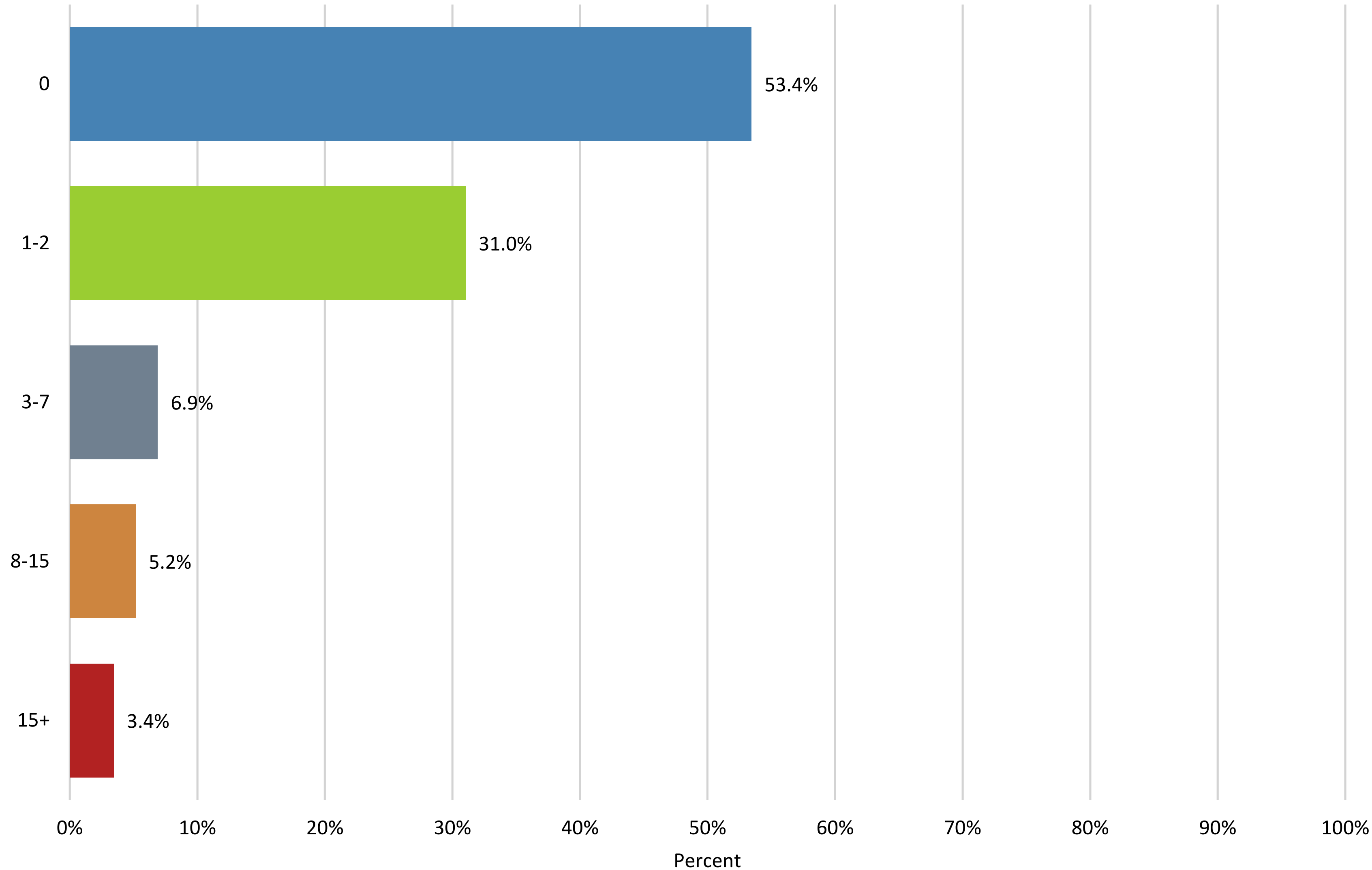
51. Carbon nano tubes and applications



51. Carbon nano tubes and applications

Name	Percent
0	48.3%
1-2	30.0%
3-7	13.3%
8-15	5.0%
15+	3.3%
N	60

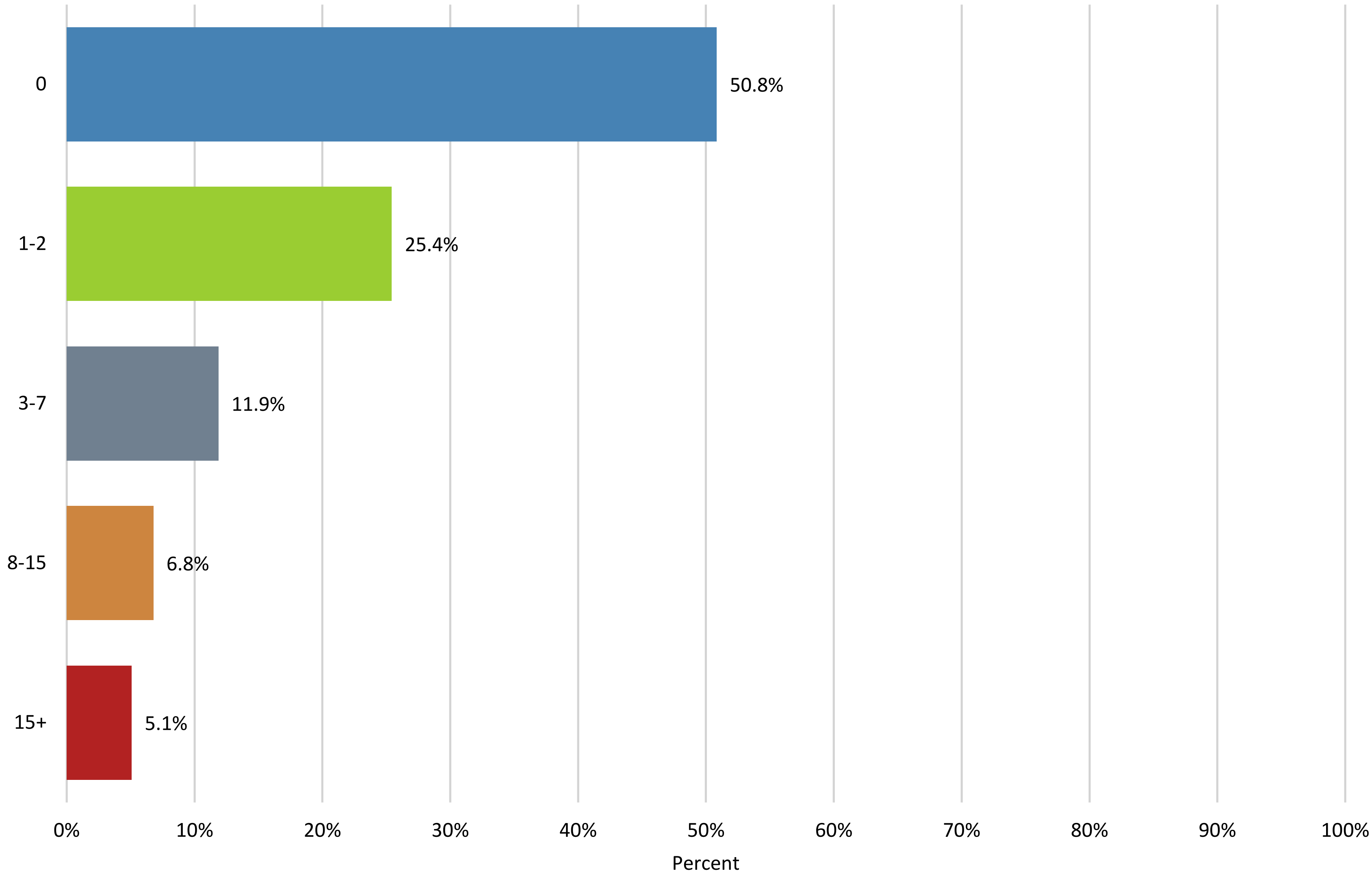
52. Graphene nanoelectronics: from synthesis to device applications



52. Graphene nanoelectronics: from synthesis to device applications

Name	Percent
0	53.4%
1-2	31.0%
3-7	6.9%
8-15	5.2%
15+	3.4%
N	58

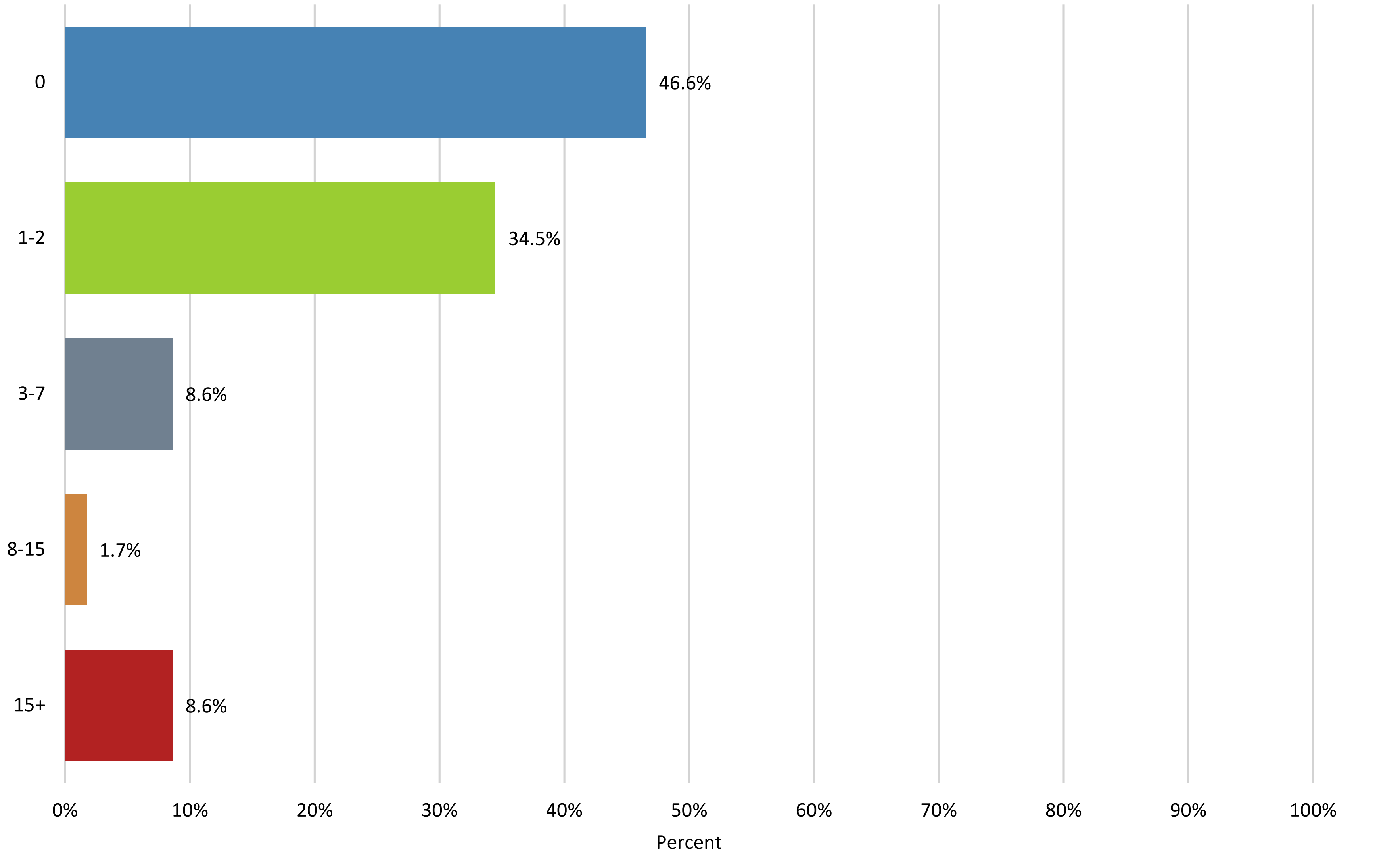
53. Design of nanoscale MOS ICs



53. Design of nanoscale MOS ICs

Name	Percent
0	50.8%
1-2	25.4%
3-7	11.9%
8-15	6.8%
15+	5.1%
N	59

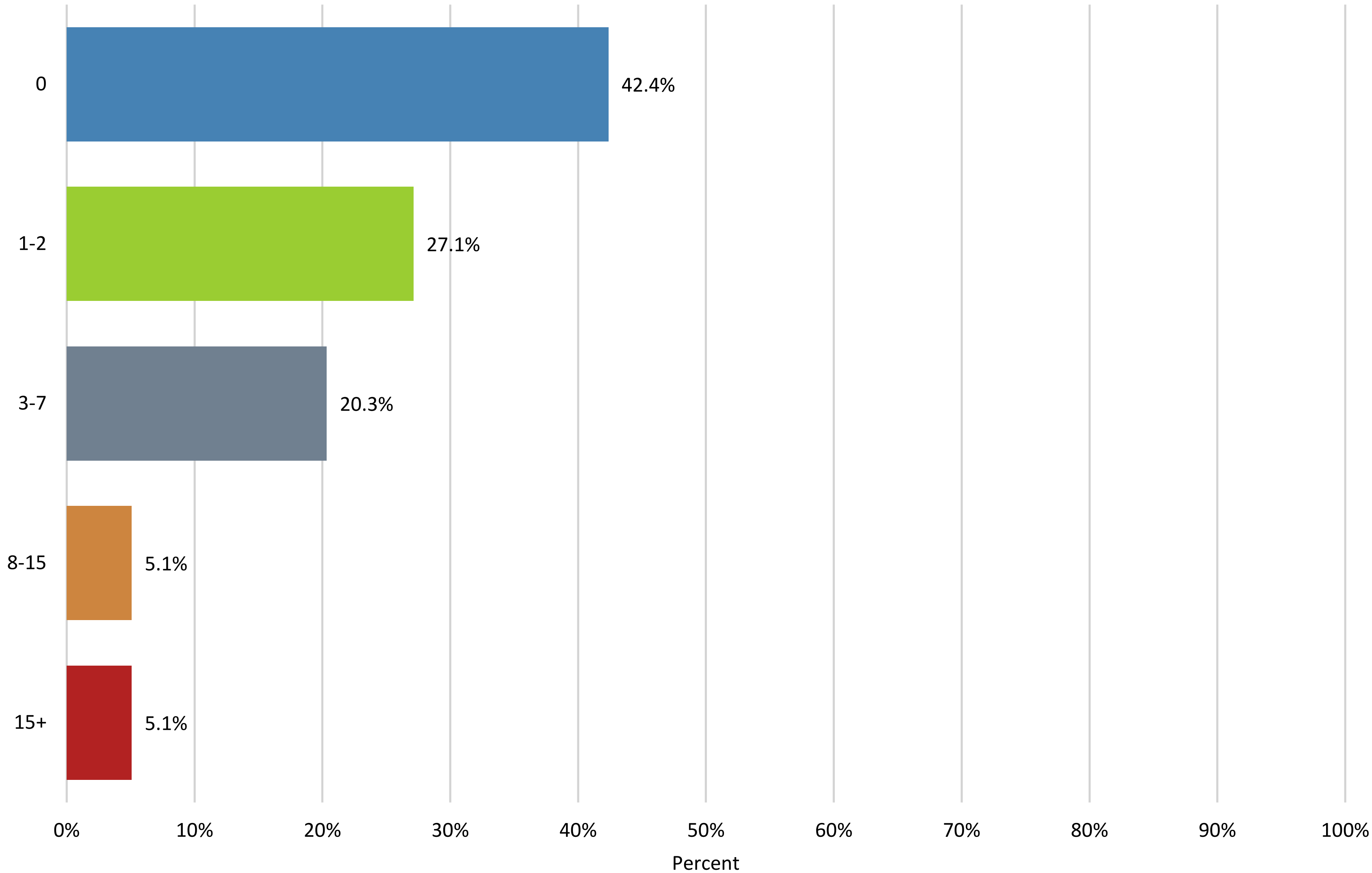
54. Top-down ASIC design flow



54. Top-down ASIC design flow

Name	Percent
0	46.6%
1-2	34.5%
3-7	8.6%
8-15	1.7%
15+	8.6%
N	58

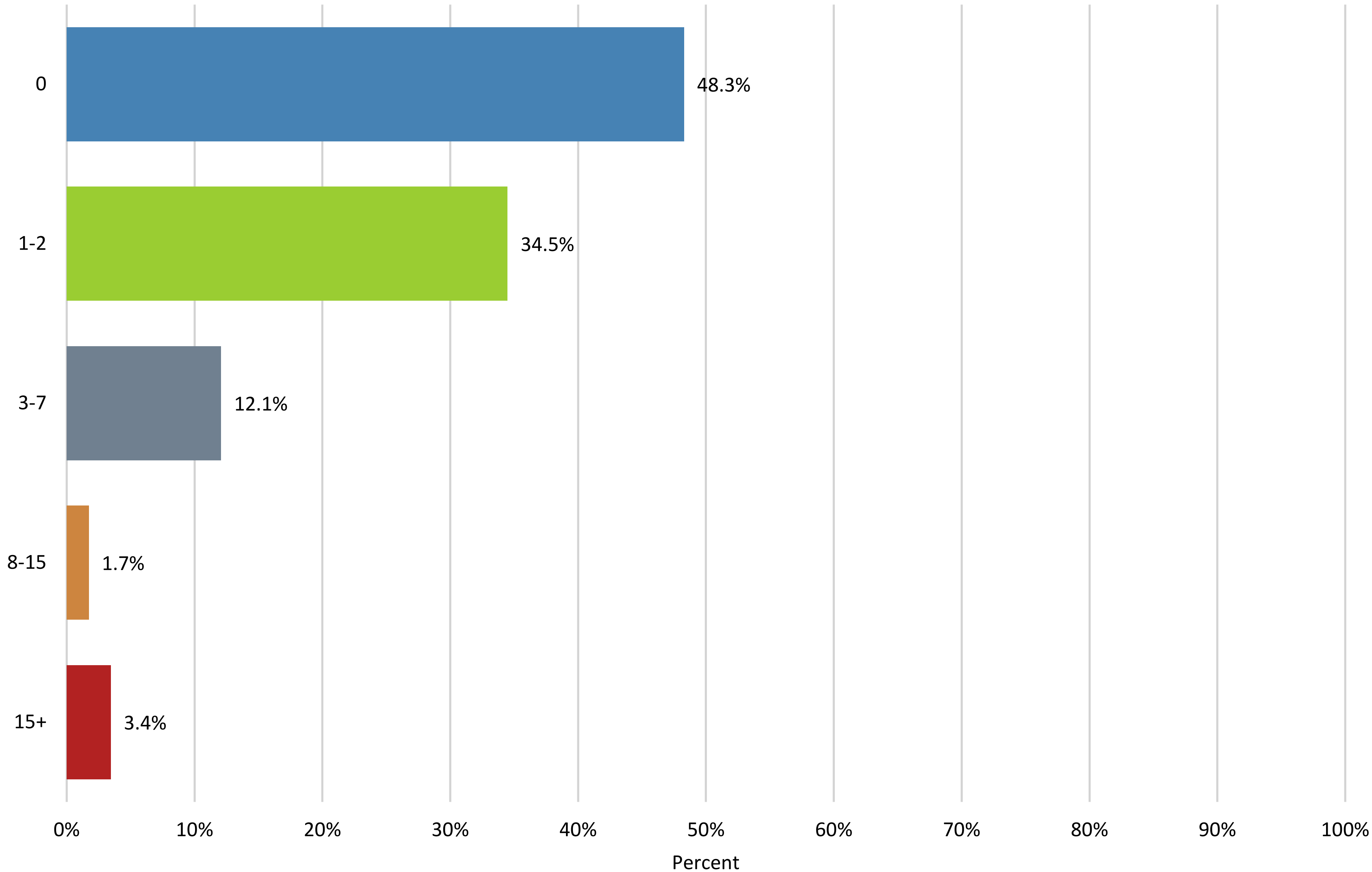
55. MEMS design



55. MEMS design

Name	Percent
0	42.4%
1-2	27.1%
3-7	20.3%
8-15	5.1%
15+	5.1%
N	59

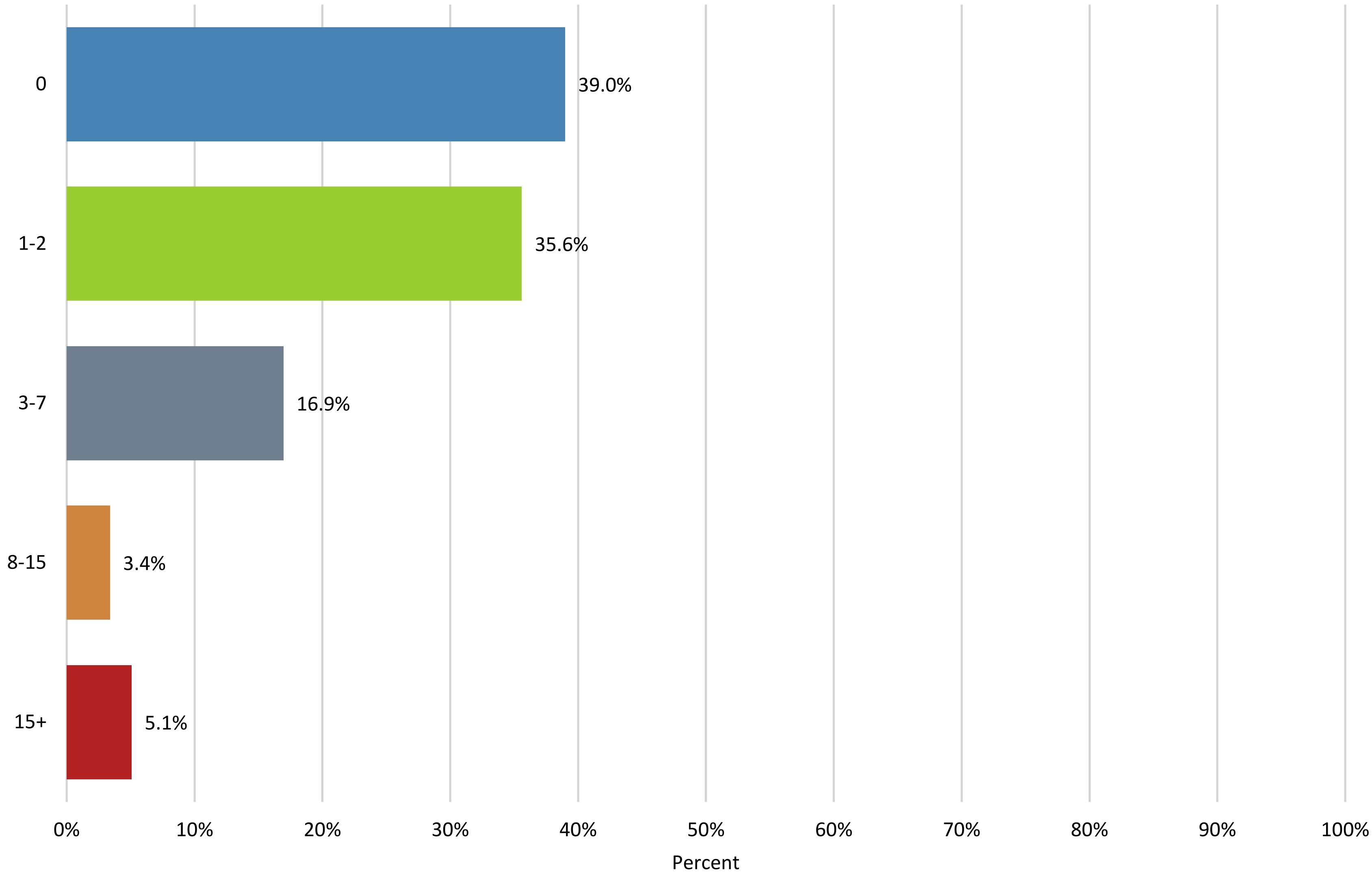
56. Advanced nano-electronic devices: miniaturization of transistors and the resulting impact on their performance.



56. Advanced nano-electronic devices: miniaturization of transistors and the resulting impact on their performance.

Name	Percent
0	48.3%
1-2	34.5%
3-7	12.1%
8-15	1.7%
15+	3.4%
N	58

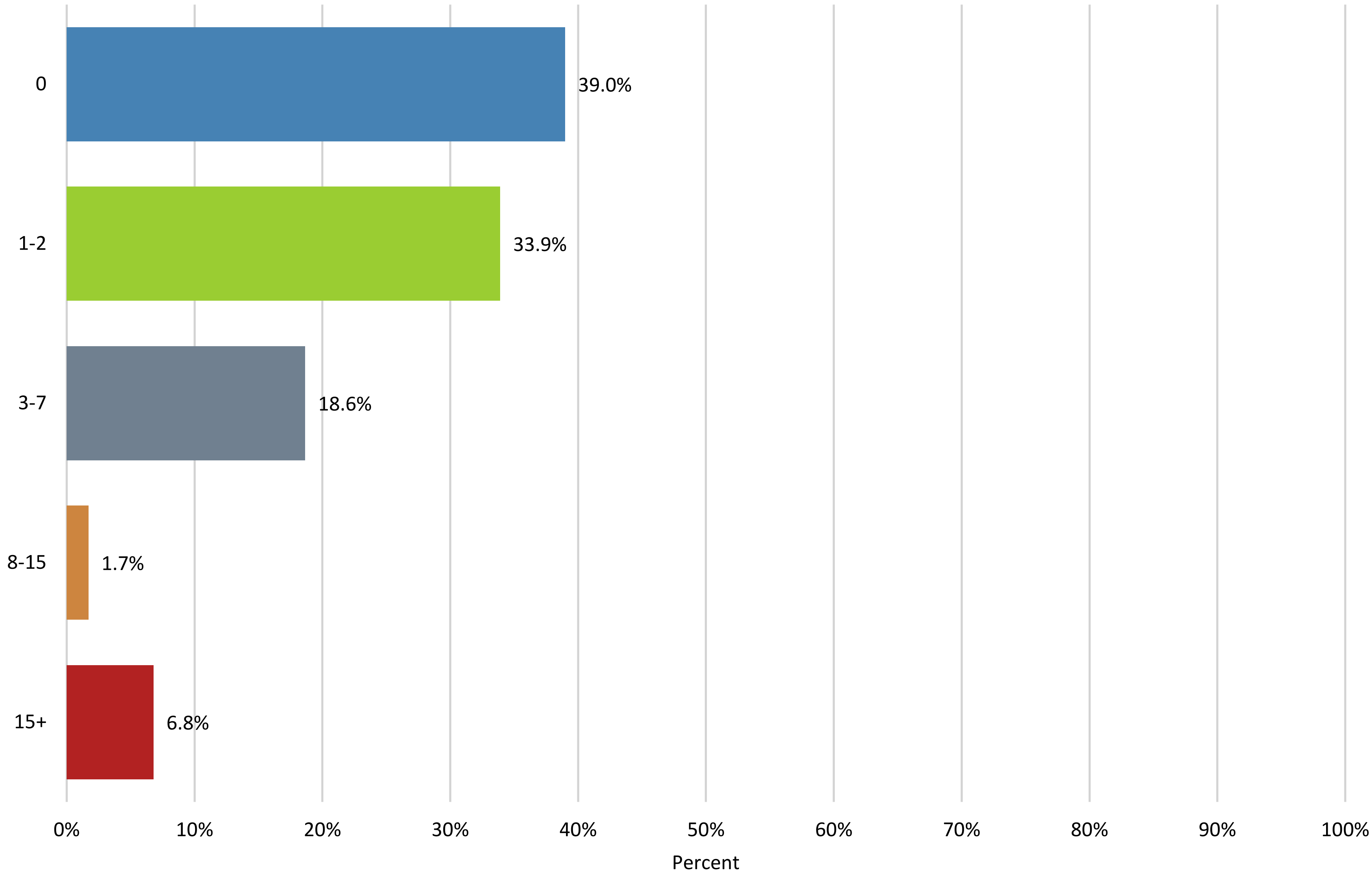
57. Sensor interface



57. Sensor interface

Name	Percent
0	39.0%
1-2	35.6%
3-7	16.9%
8-15	3.4%
15+	5.1%
N	59

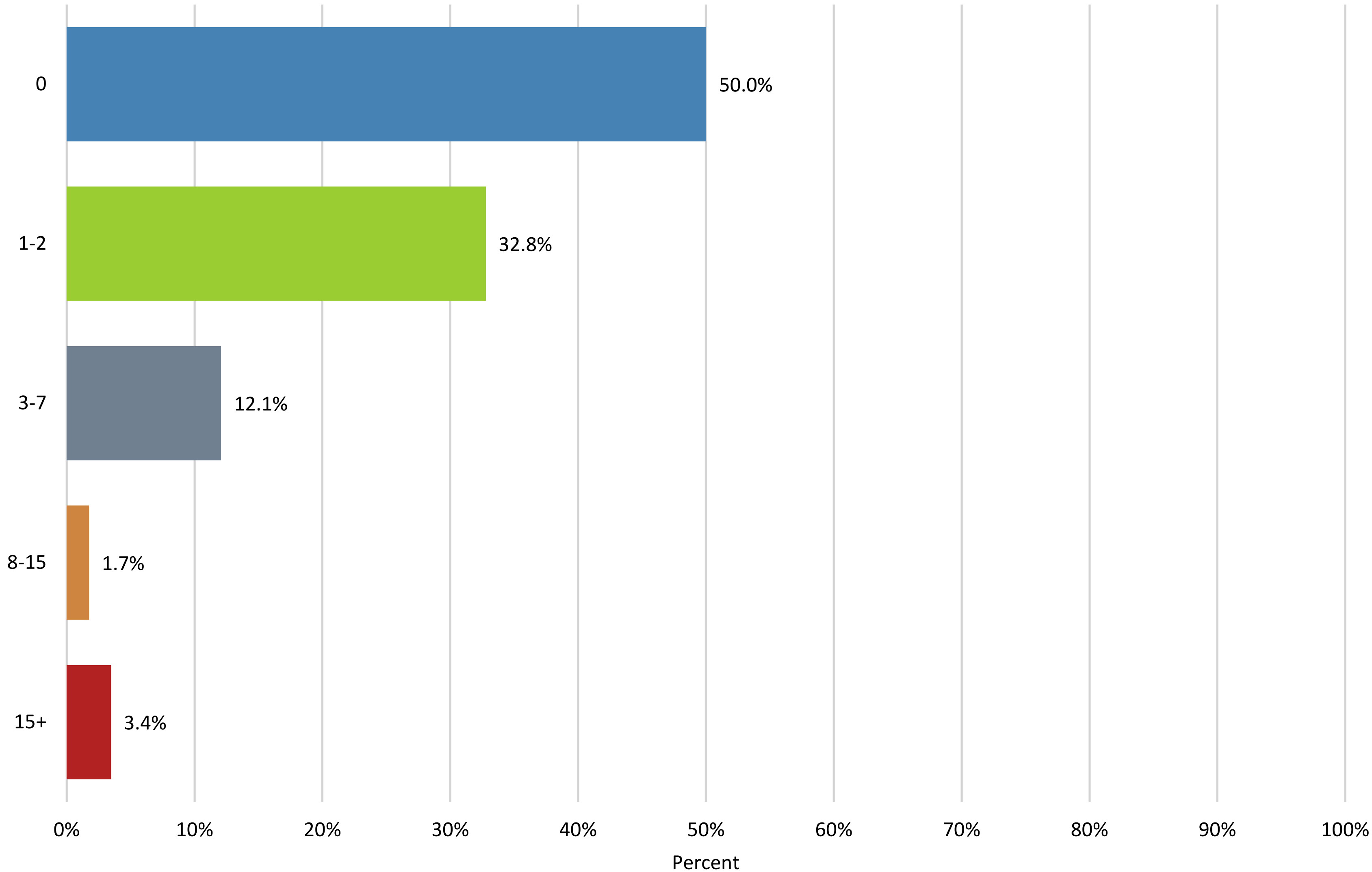
58. CAD for Microsystems



58. CAD for Microsystems

Name	Percent
0	39.0%
1-2	33.9%
3-7	18.6%
8-15	1.7%
15+	6.8%
N	59

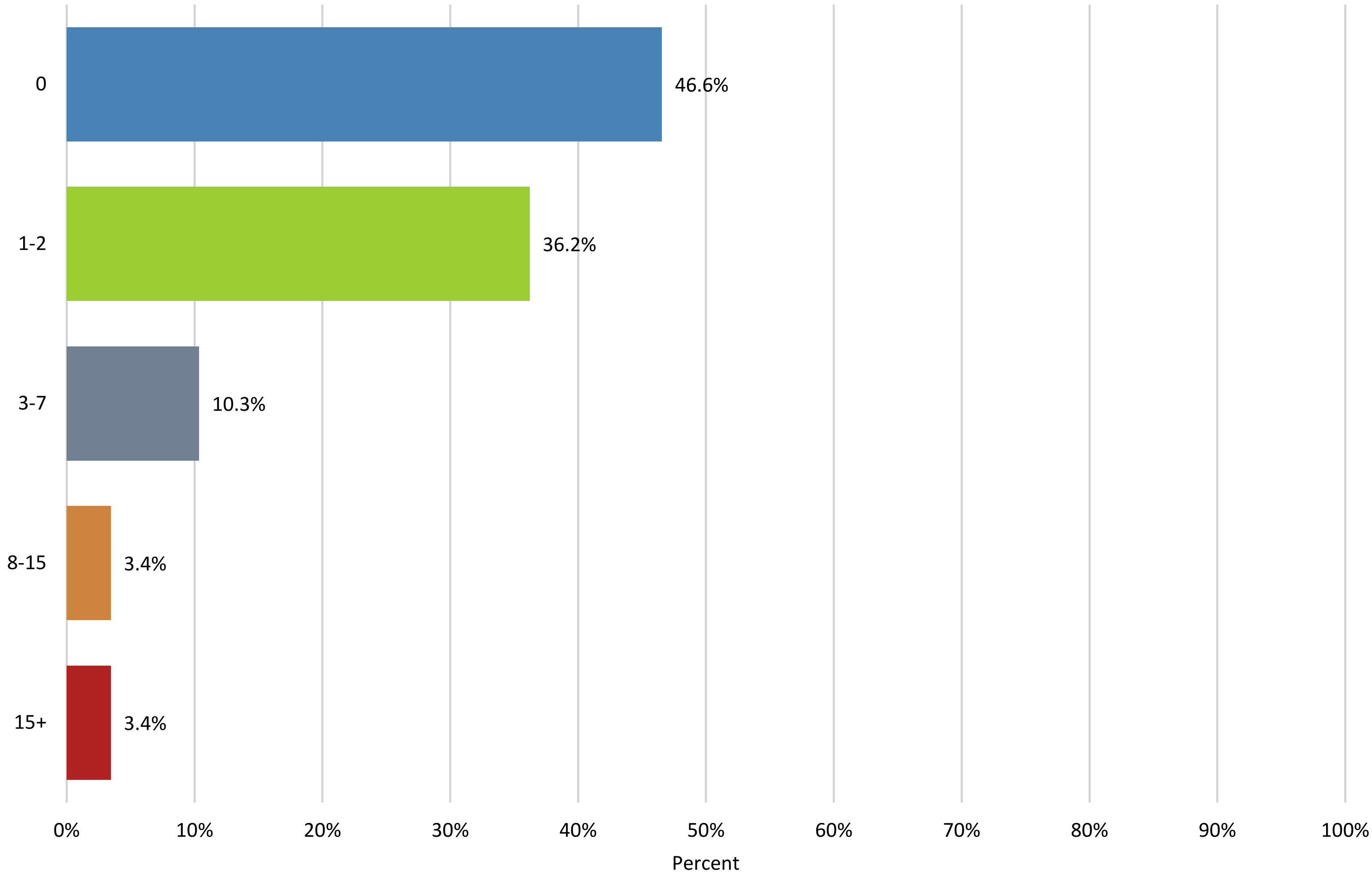
59. Nanoscale Elements for Electronics and Sensing: Design and Device Production



59. Nanoscale Elements for Electronics and Sensing: Design and Device Production

Name	Percent
0	50.0%
1-2	32.8%
3-7	12.1%
8-15	1.7%
15+	3.4%
N	58

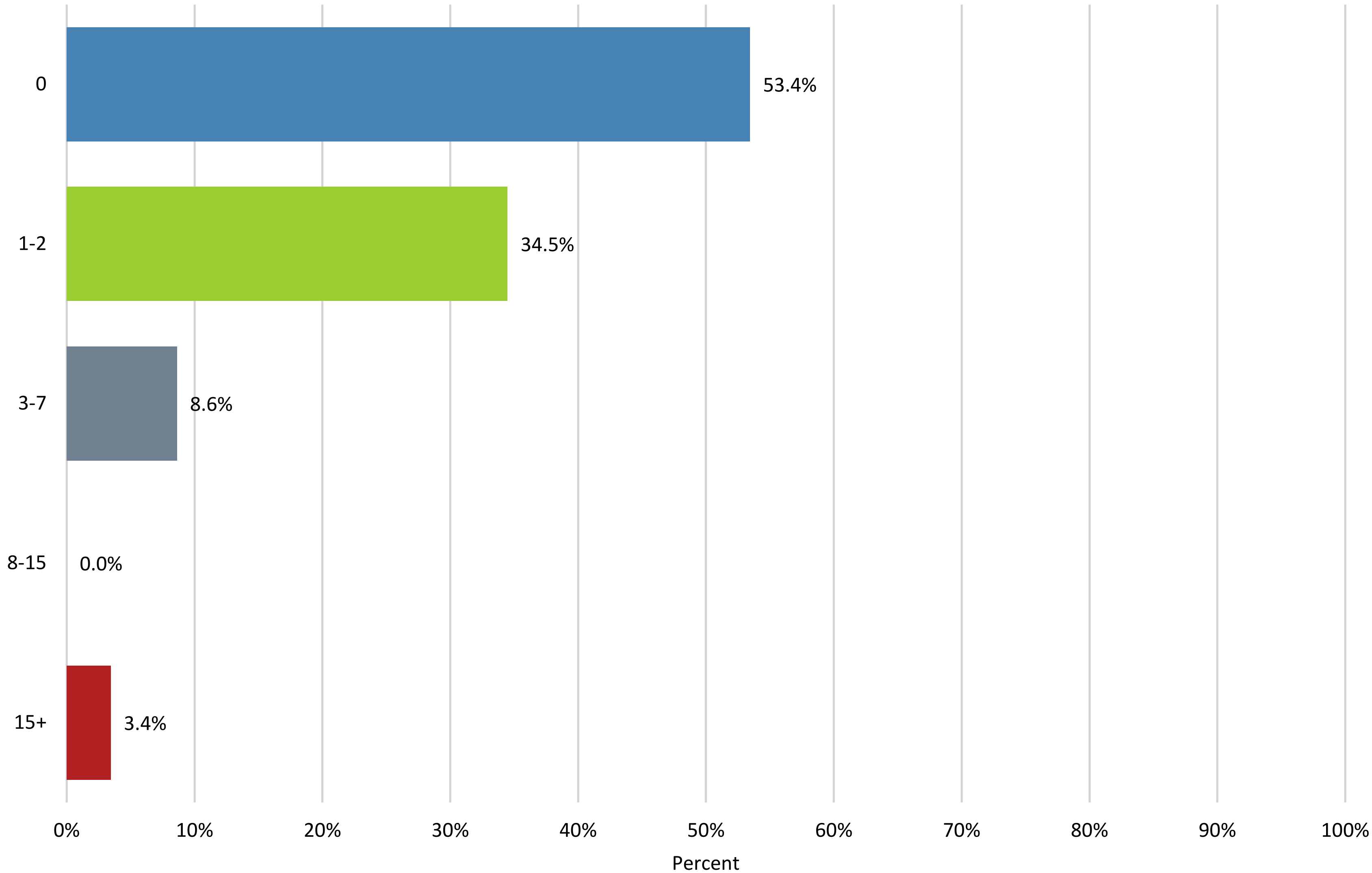
60. Nanoelectronics systems: future nanoelectronic devices and manufacturing processes



60. Nanoelectronics systems: future nanoelectronic devices and manufacturing processes

Name	Percent
0	46.6%
1-2	36.2%
3-7	10.3%
8-15	3.4%
15+	3.4%
N	58

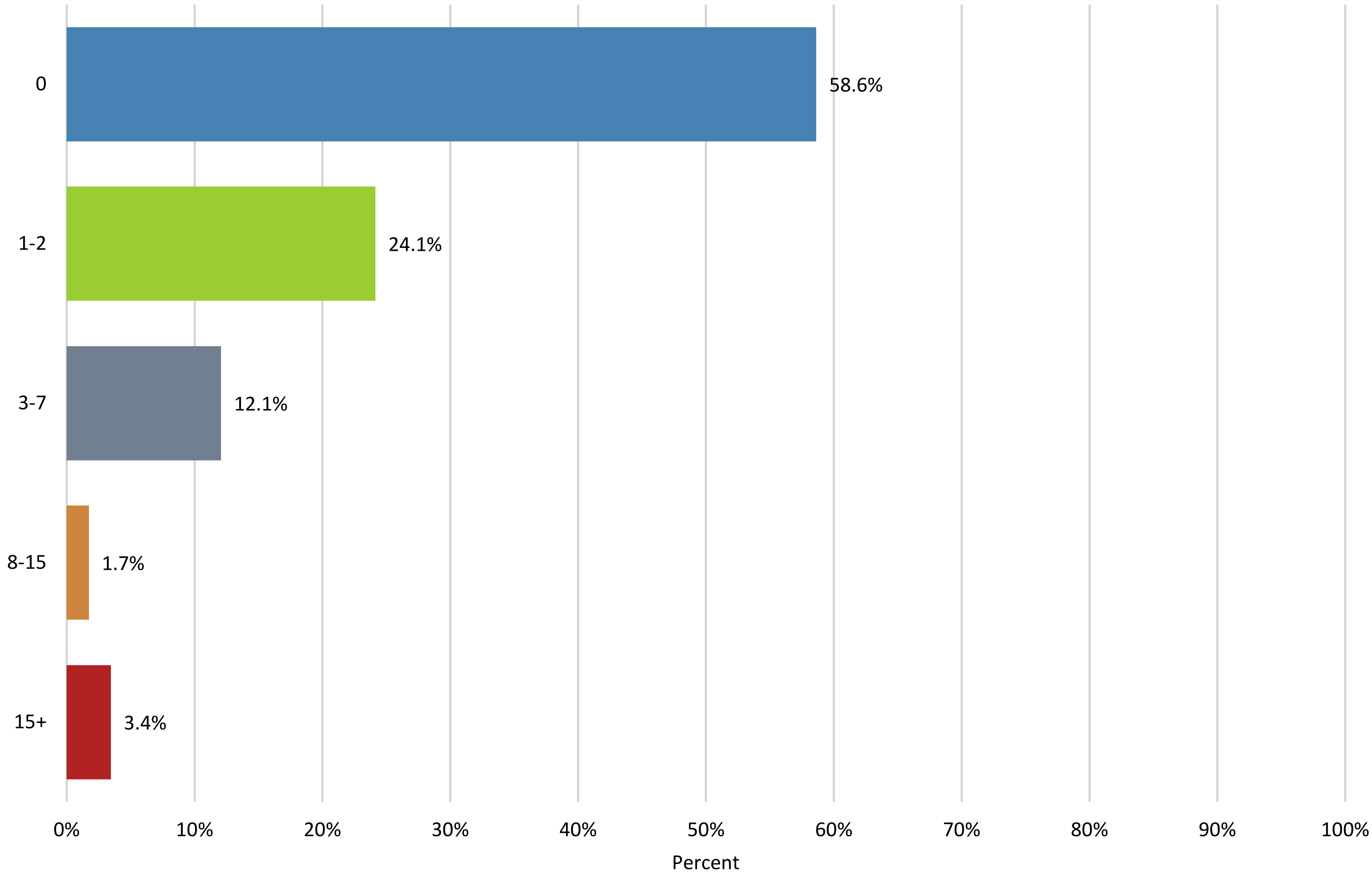
61. BioMolecular NanoComputing



61. BioMolecular NanoComputing

Name	Percent
0	53.4%
1-2	34.5%
3-7	8.6%
8-15	0.0%
15+	3.4%
N	58

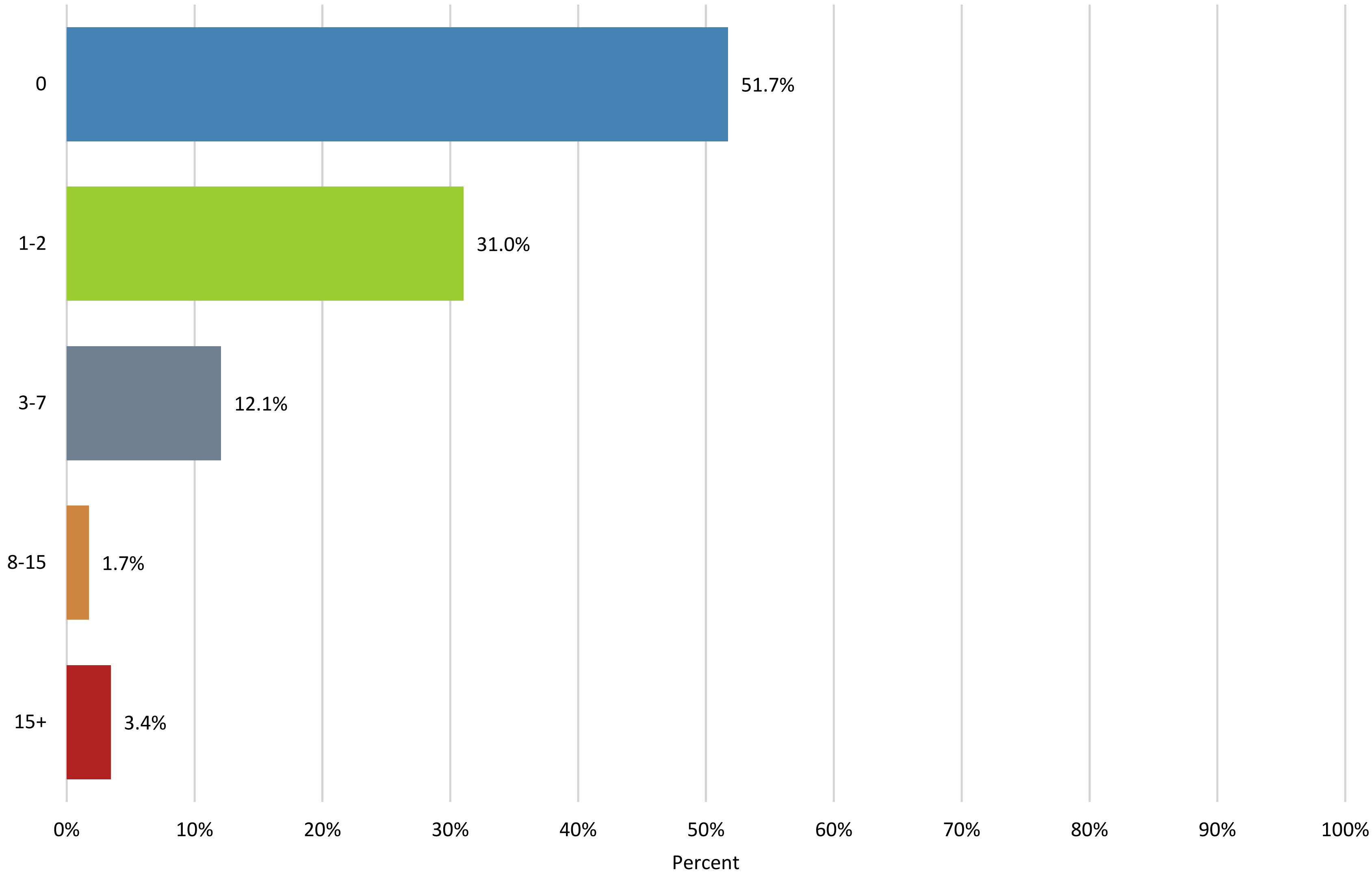
62. Memristor-Based Neuromorphic Systems



62. Memristor-Based Neuromorphic Systems

Name	Percent
0	58.6%
1-2	24.1%
3-7	12.1%
8-15	1.7%
15+	3.4%
N	58

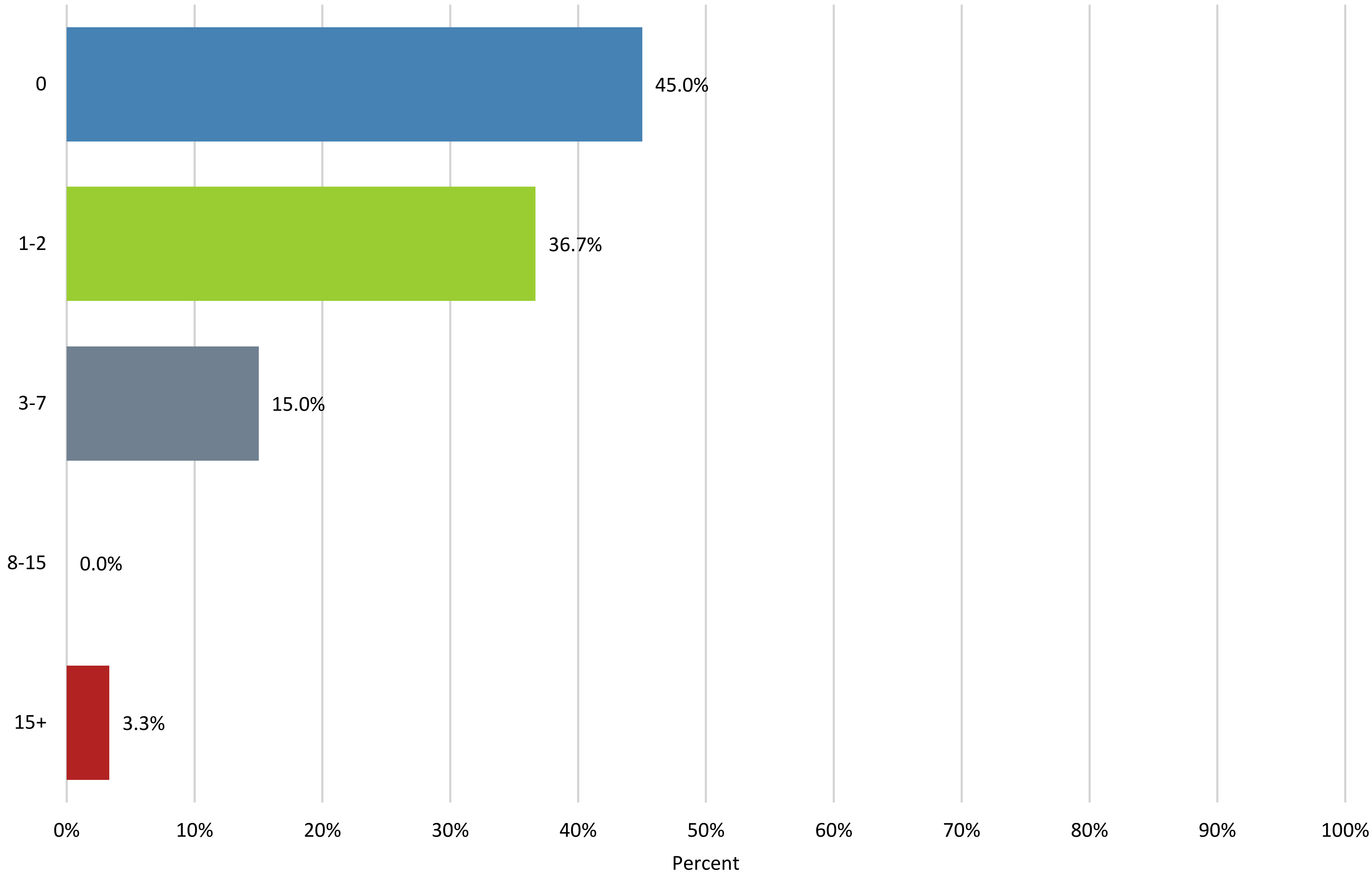
63. Bioelectronics



63. Bioelectronics

Name	Percent
0	51.7%
1-2	31.0%
3-7	12.1%
8-15	1.7%
15+	3.4%
N	58

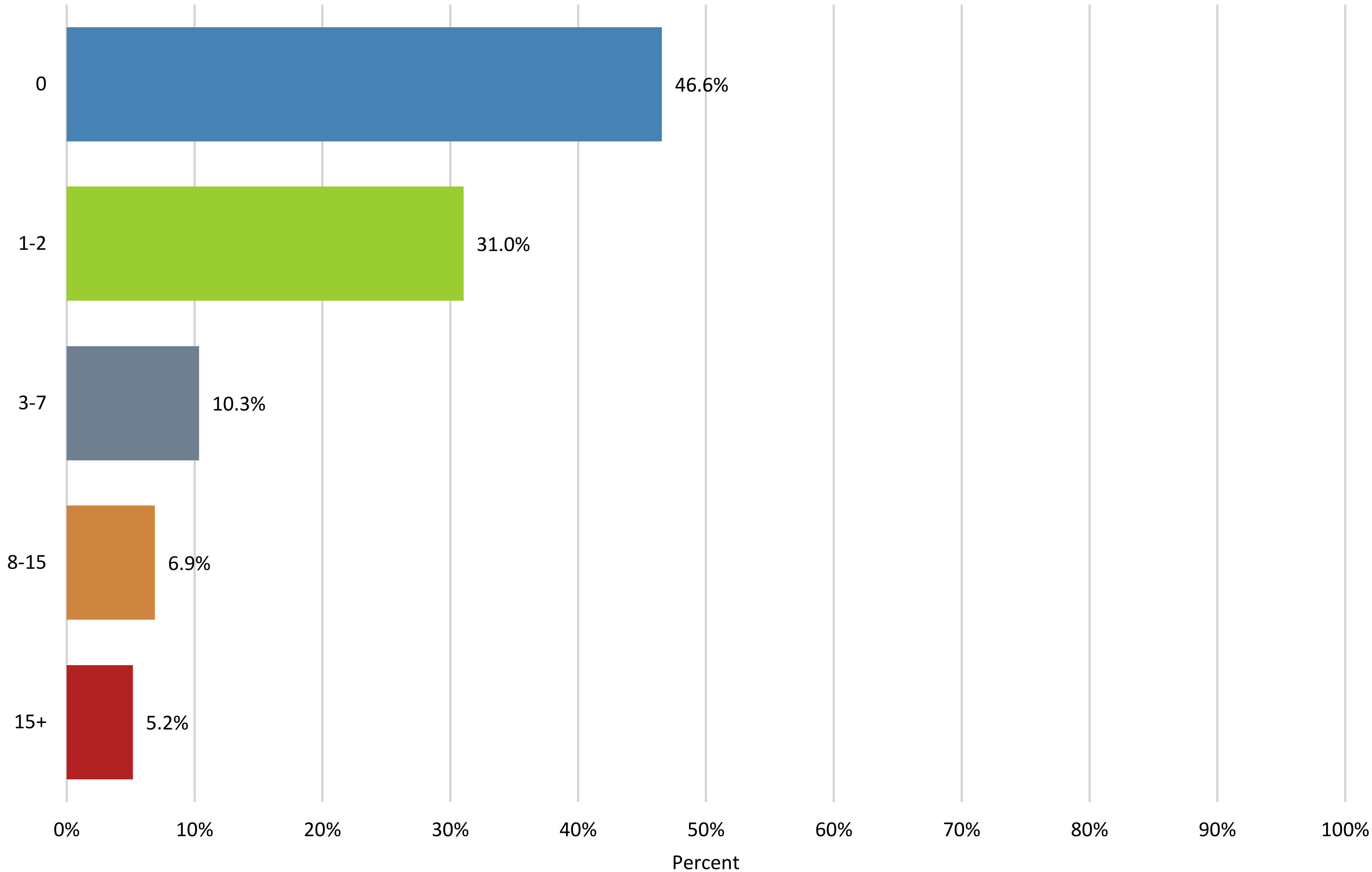
64. Nanoelectronics for ICT



64. Nanoelectronics for ICT

Name	Percent
0	45.0%
1-2	36.7%
3-7	15.0%
8-15	0.0%
15+	3.3%
N	60

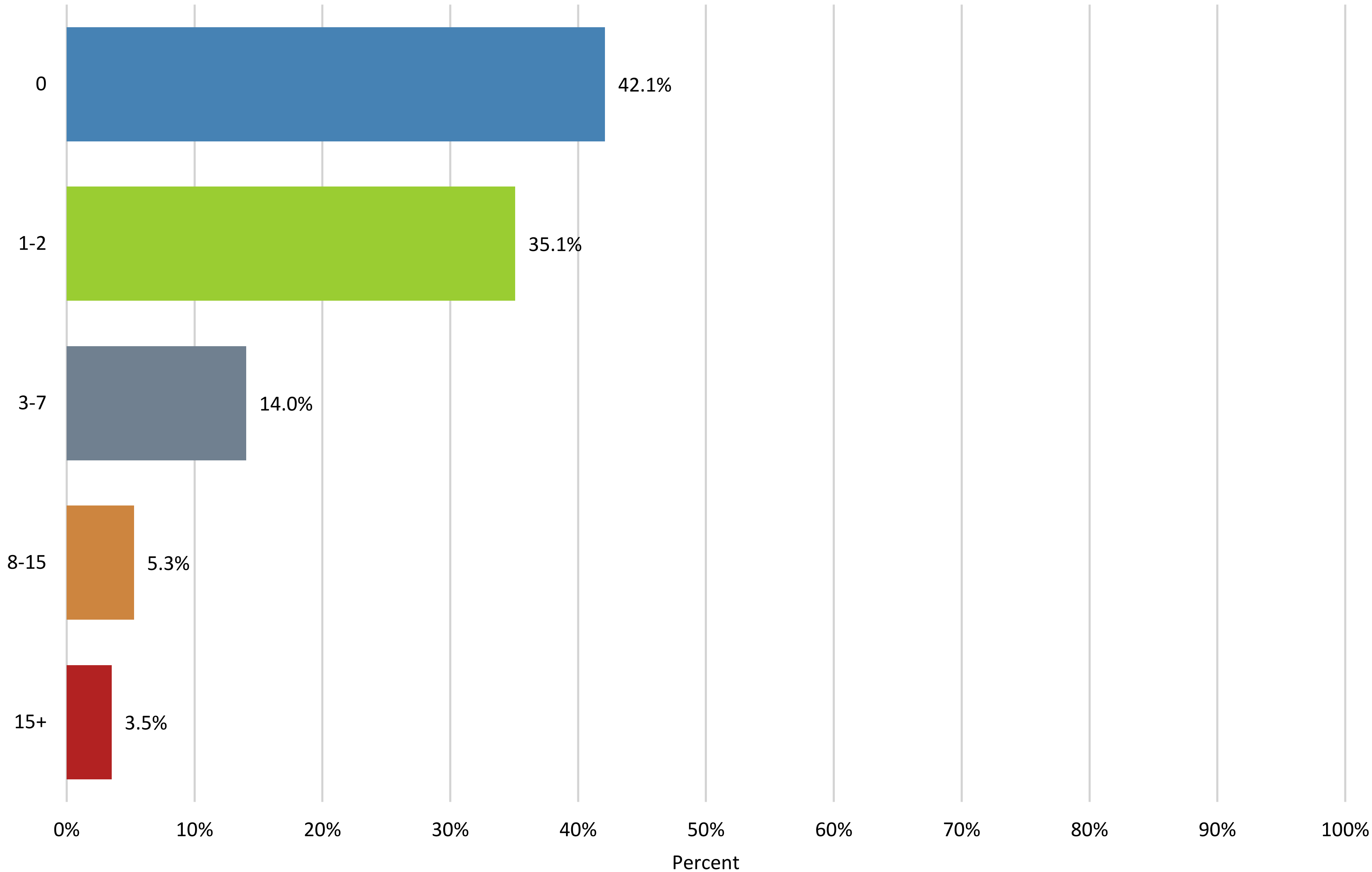
65. Nanotechnology for solar energy utilization



65. Nanotechnology for solar energy utilization

Name	Percent
0	46.6%
1-2	31.0%
3-7	10.3%
8-15	6.9%
15+	5.2%
N	58

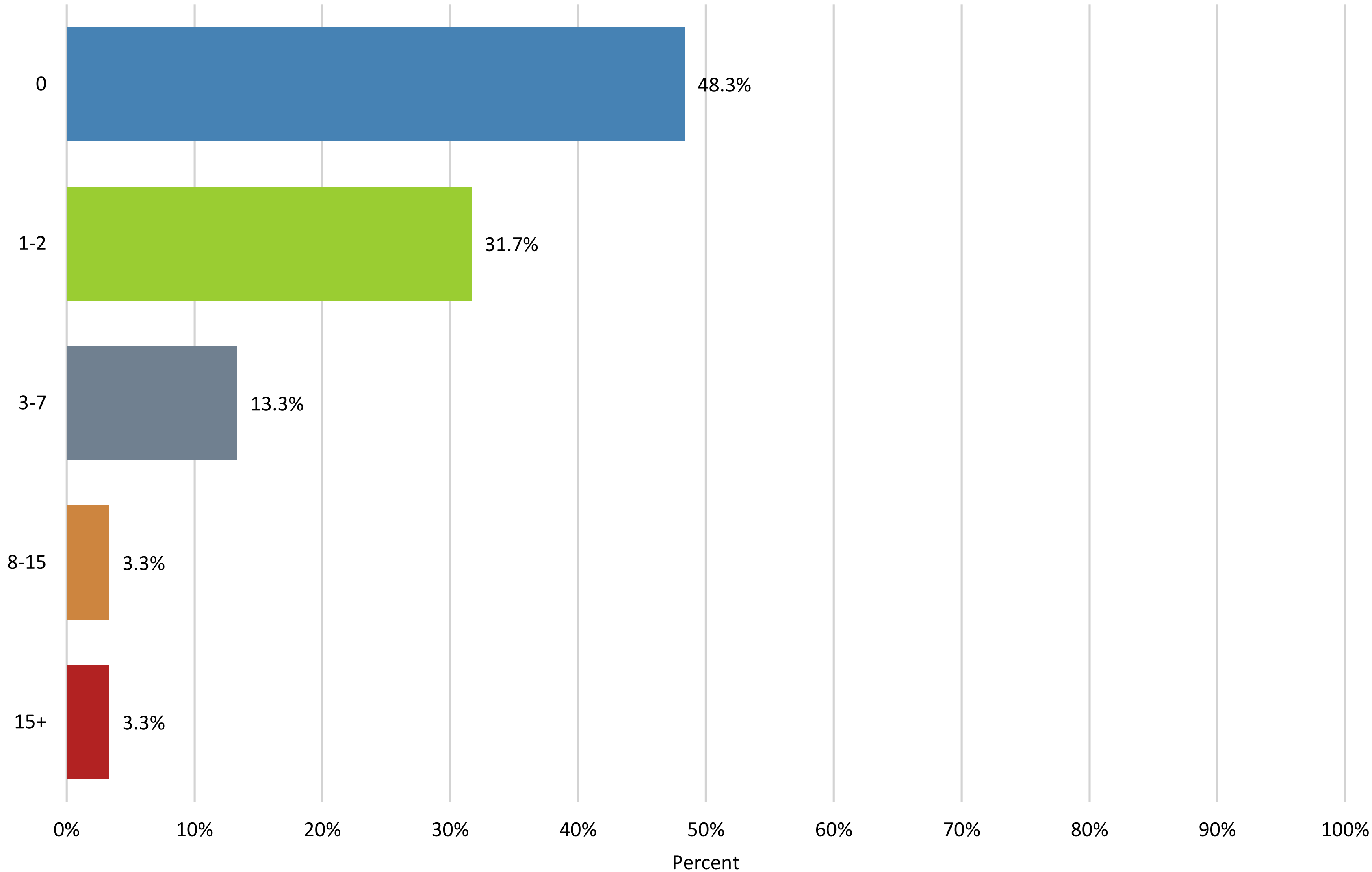
66. Advanced optoelectronic instrumentation & materials



66. Advanced optoelectronic instrumentation & materials

Name	Percent
0	42.1%
1-2	35.1%
3-7	14.0%
8-15	5.3%
15+	3.5%
N	57

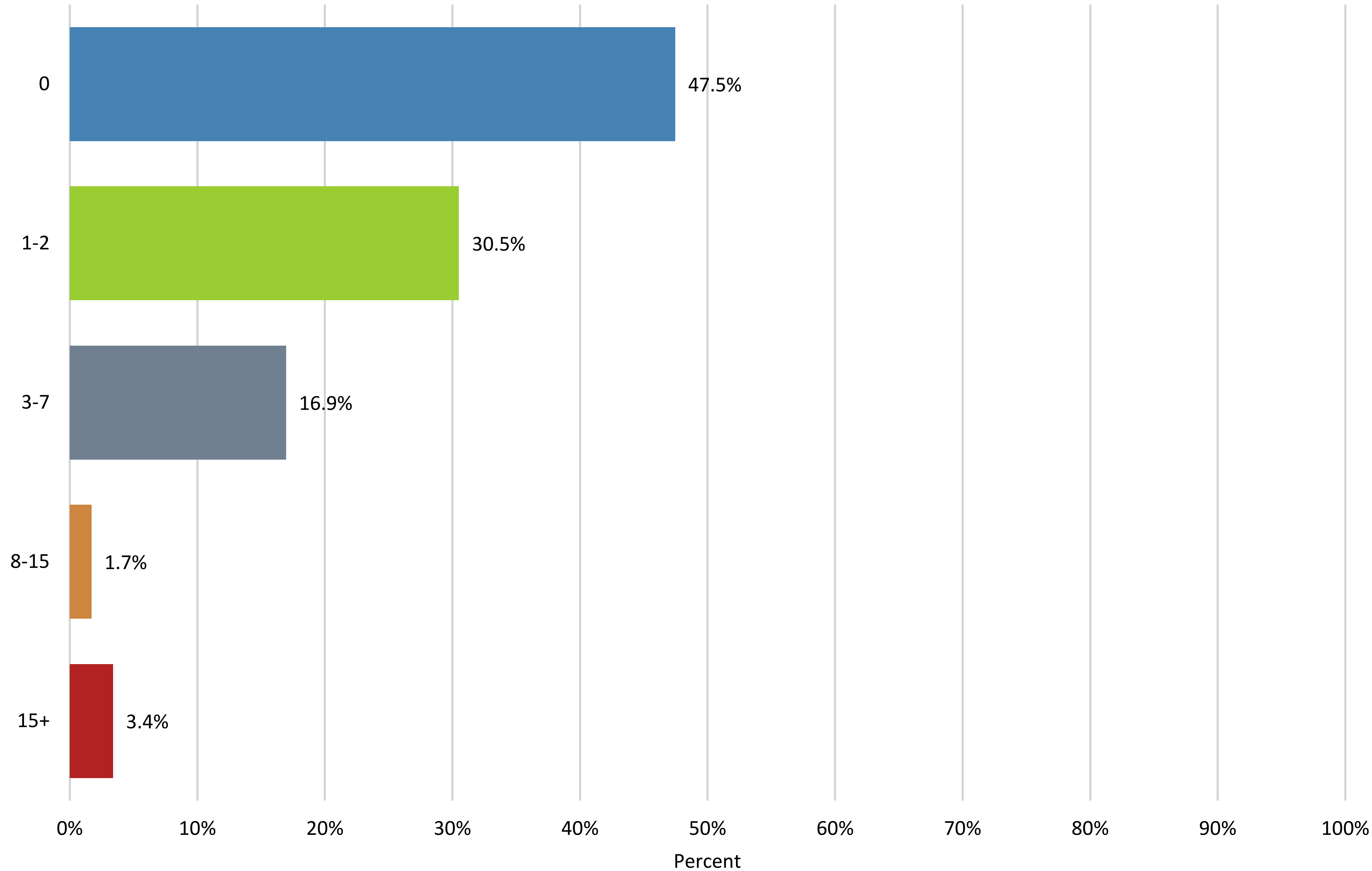
67. Socio- ethical and environmental aspects of nanotechnology/nanoelectronics



67. Socio- ethical and environmental aspects of nanotechnology/nanoelectronics

Name	Percent
0	48.3%
1-2	31.7%
3-7	13.3%
8-15	3.3%
15+	3.3%
N	60

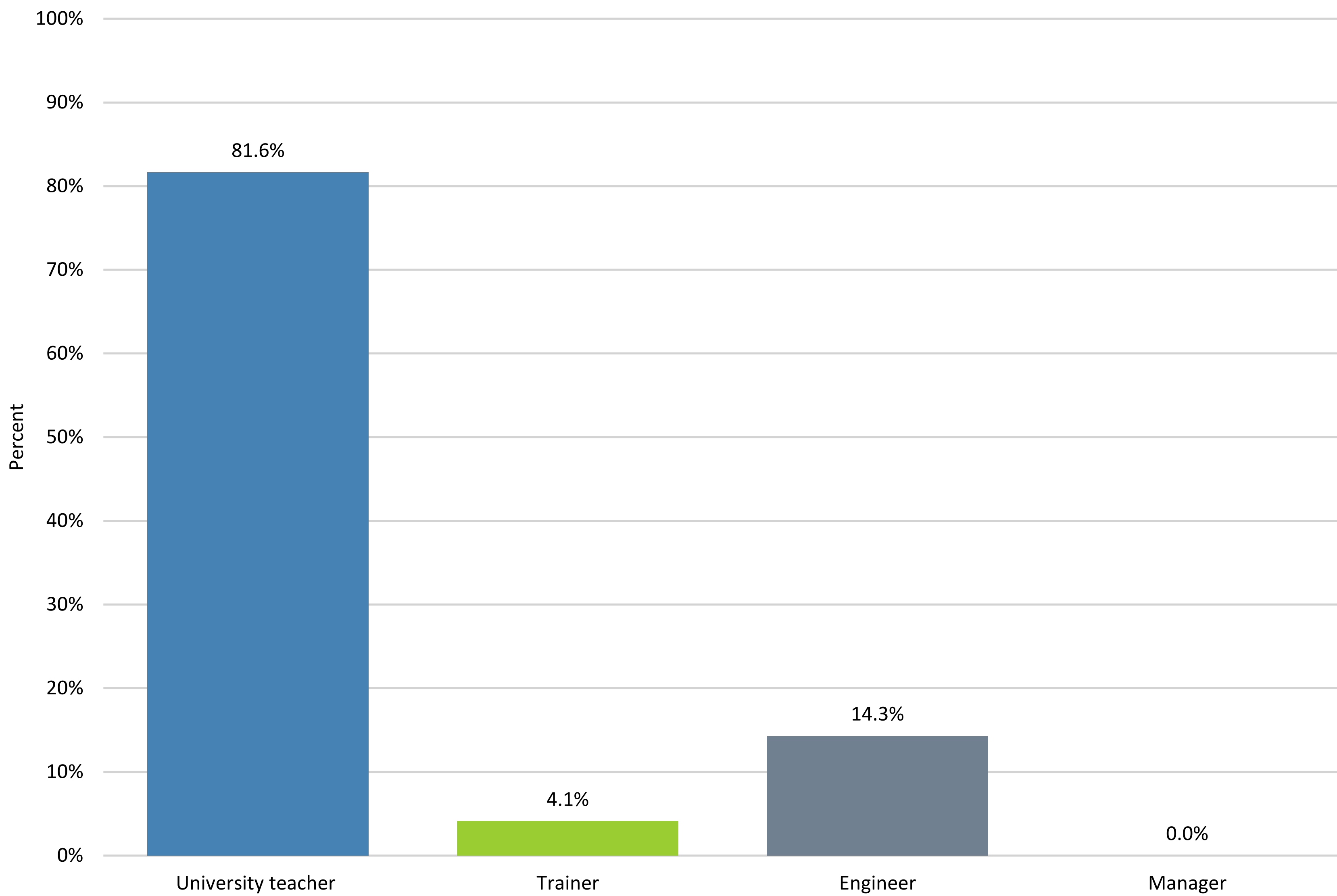
68. Nanoelectronics systems: present and future business and manufacturing systems



68. Nanoelectronics systems: present and future business and manufacturing systems

Name	Percent
0	47.5%
1-2	30.5%
3-7	16.9%
8-15	1.7%
15+	3.4%
N	59

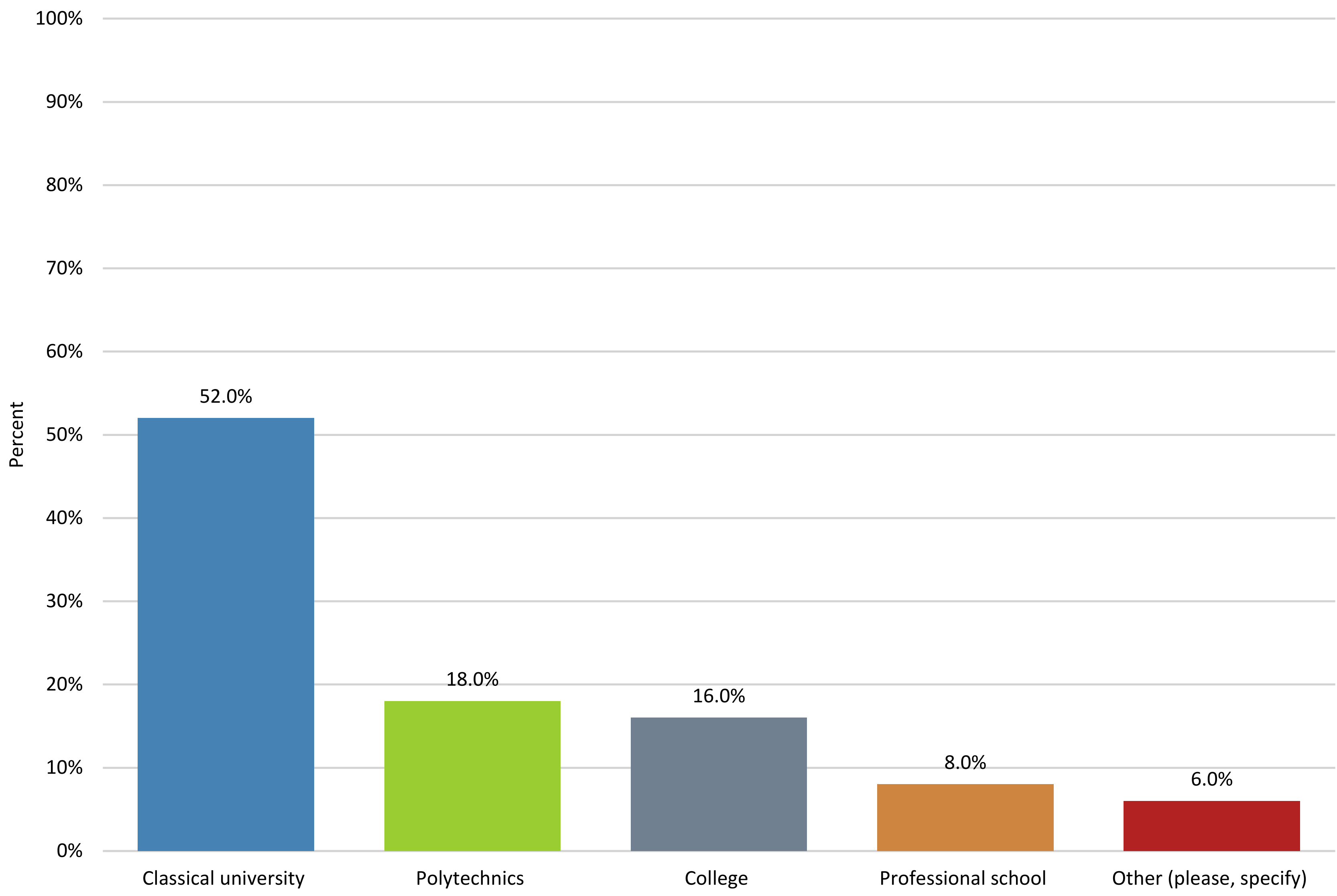
1. Which is your job?



1. Which is your job?

Name	Percent
University teacher	81.6%
Trainer	4.1%
Engineer	14.3%
Manager	0.0%
N	49

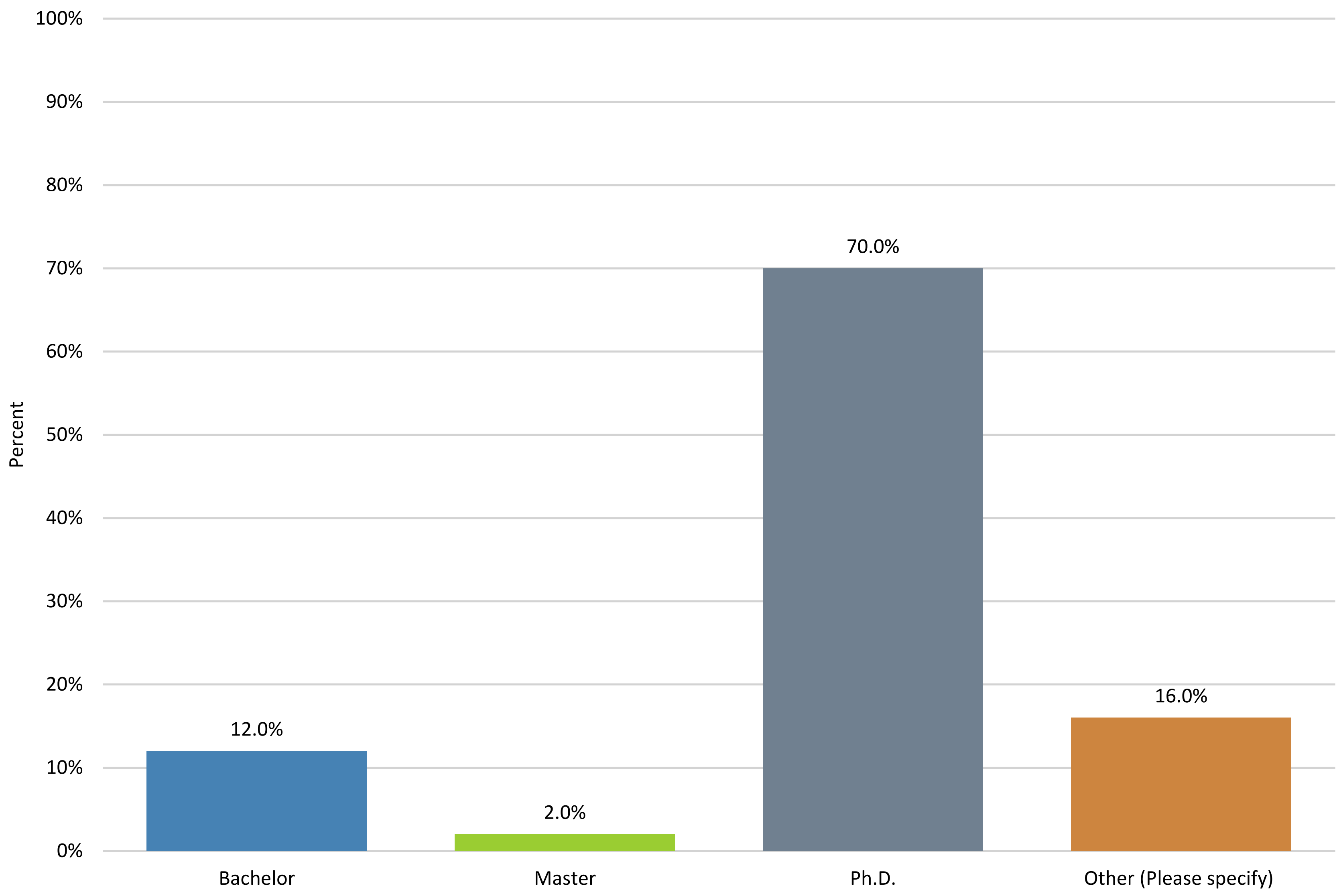
2. What kind of institution are you employed at?



2. What kind of institution are you employed at?

Name	Percent
Classical university	52.0%
Polytechnics	18.0%
College	16.0%
Professional school	8.0%
Other (please, specify)	6.0%
N	50

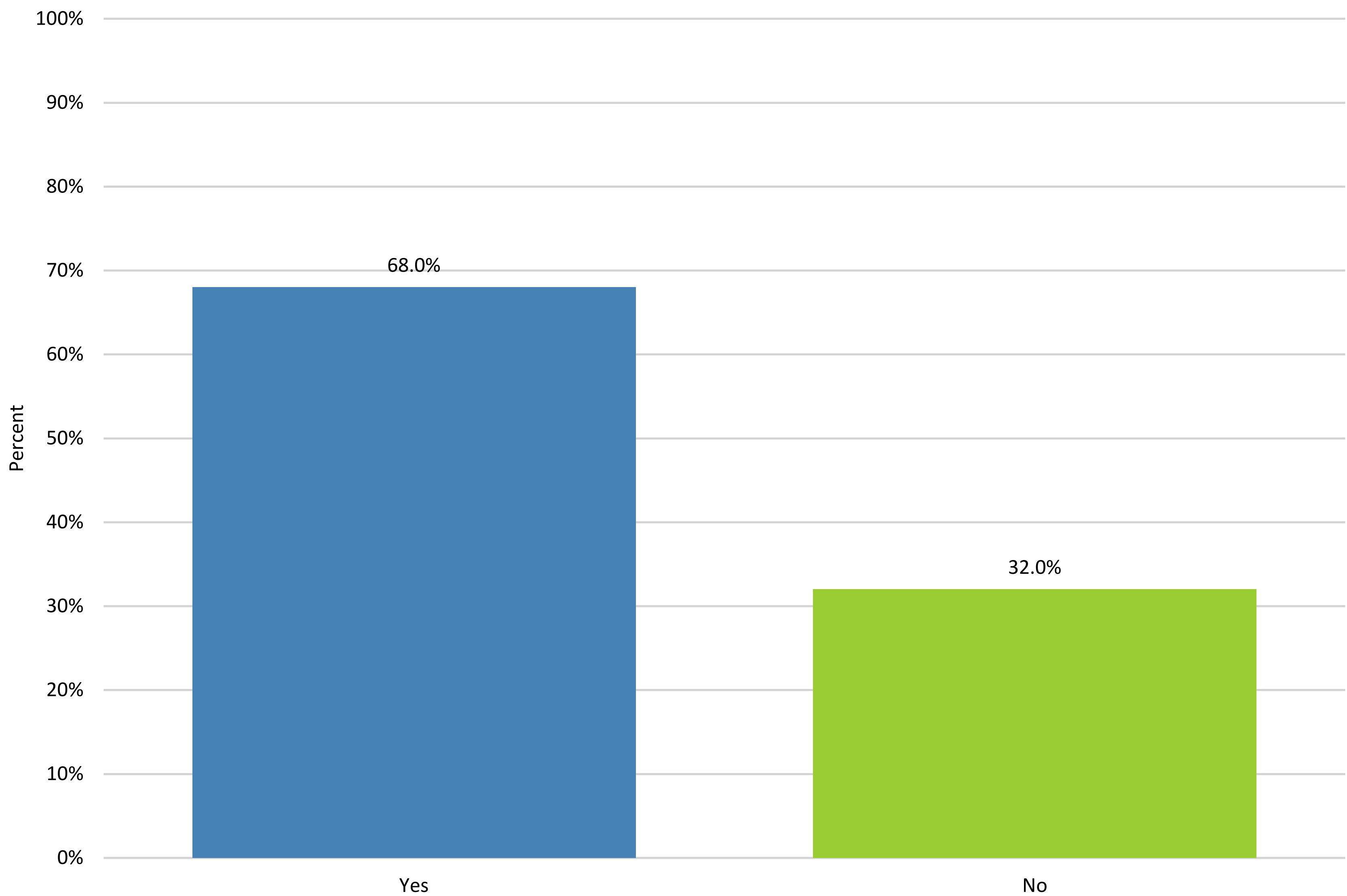
3. What educational levels does your institution have within engineering/technology?



3. What educational levels does your institution have within engineering/technology?

Name	Percent
Bachelor	12.0%
Master	2.0%
Ph.D.	70.0%
Other (Please specify)	16.0%
N	50

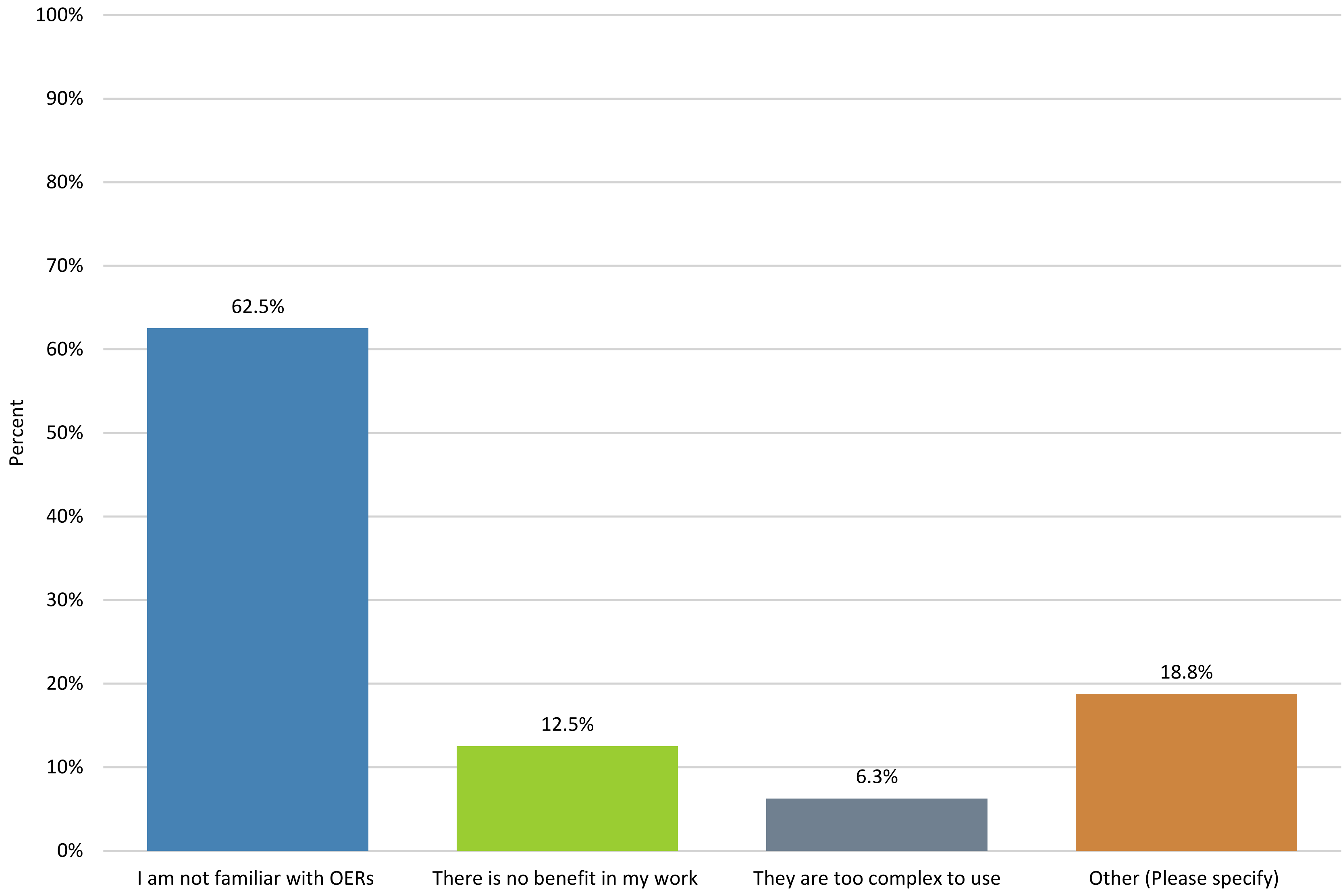
4. Within engineering/technology, does your institution use open educational resources (OERs)?



4. Within engineering/technology, does your institution use open educational resources (OERs)?

Name	Percent
Yes	68.0%
No	32.0%
N	50

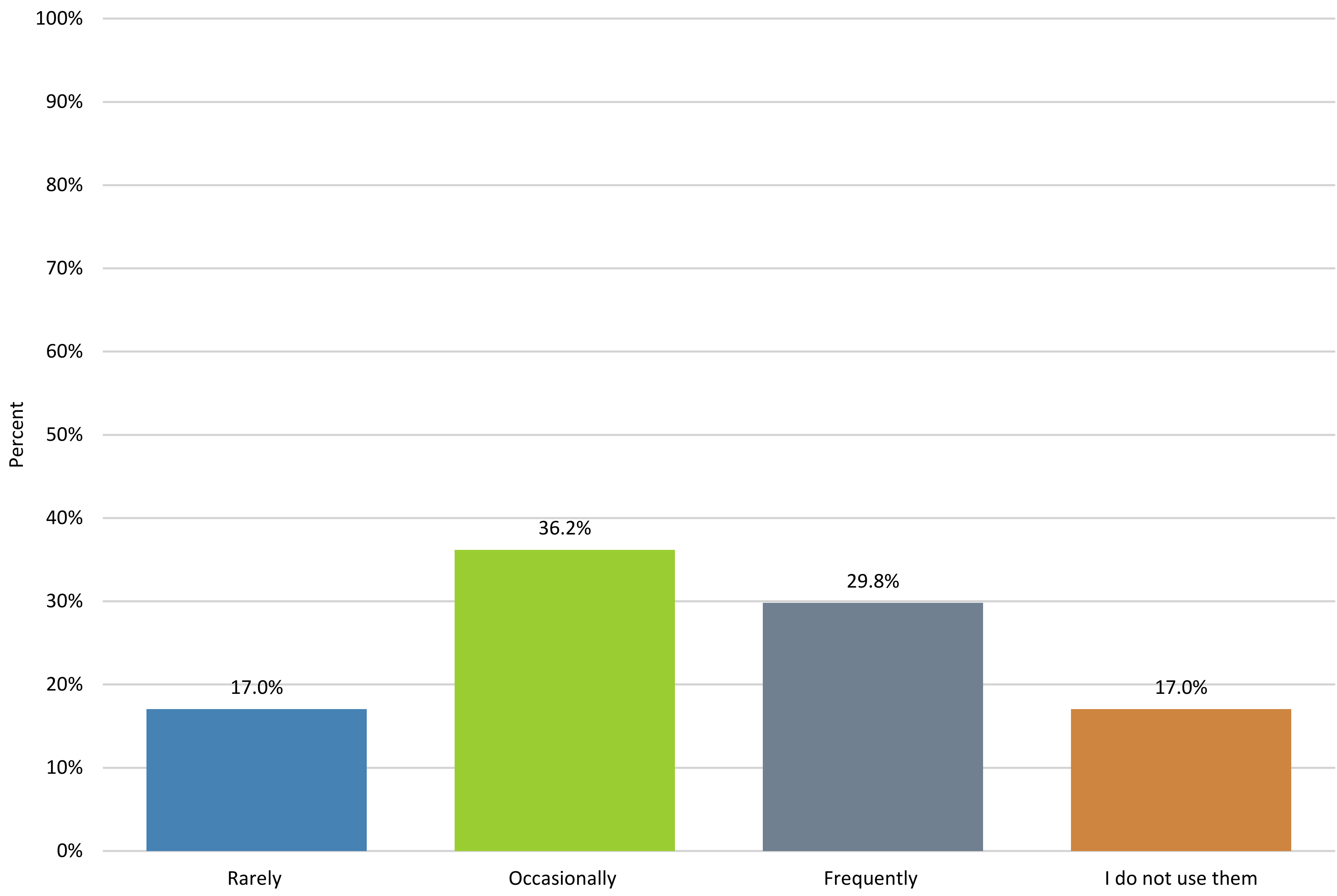
5. If not, why?


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Percent
62.5%
12.5%
6.3%
18.8%
I am not familiar with OERs
There is no benefit in my work
They are too complex to use
Other (Please specify)

5. If not, why?

Name	Percent
I am not familiar with OERs	62.5%
There is no benefit in my work	12.5%
They are too complex to use	6.3%
Other (Please specify)	18.8%
N	16

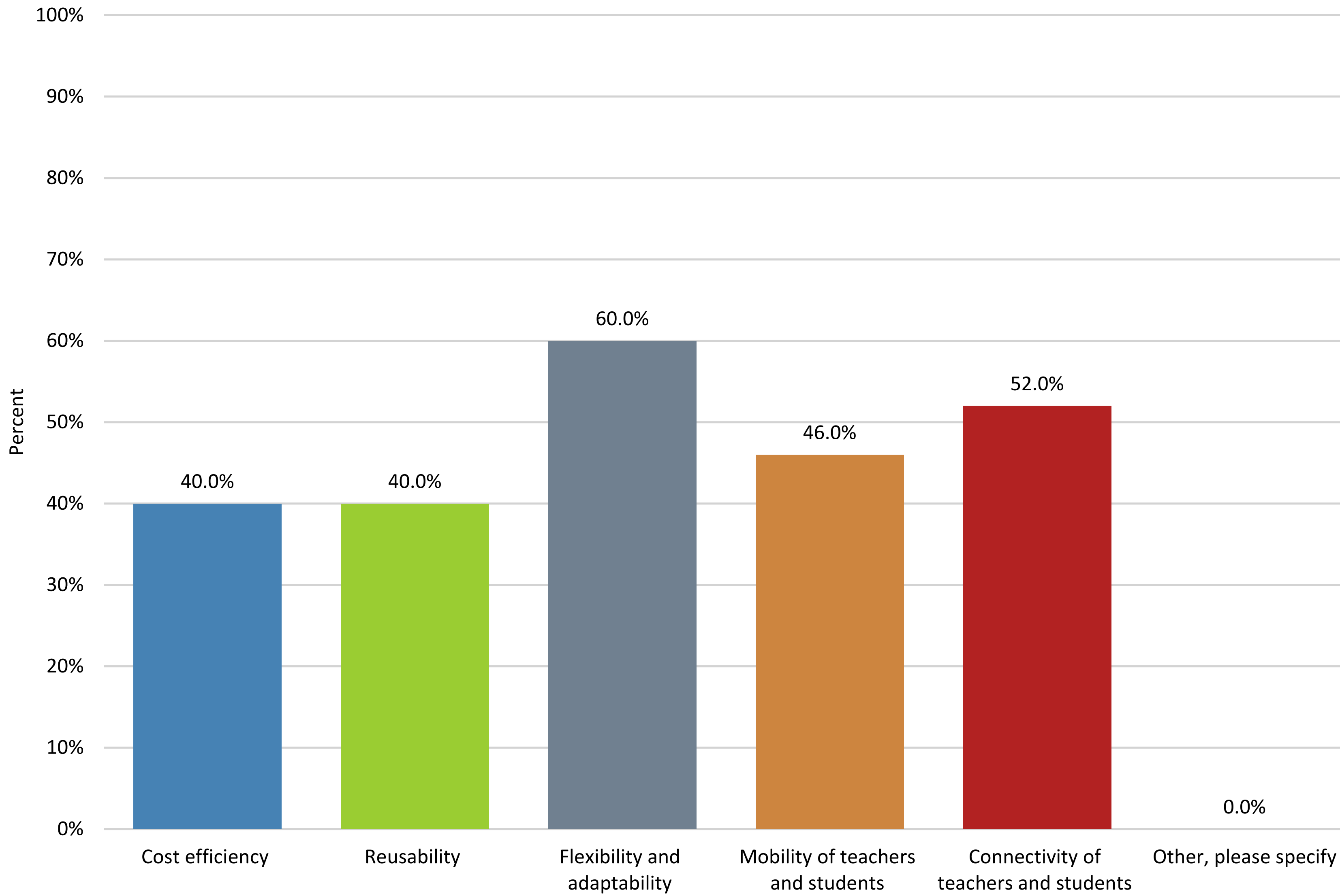
6. In case of using OERs, how often do you use them?



6. In case of using OERs, how often do you use them?

Name	Percent
Rarely	17.0%
Occasionally	36.2%
Frequently	29.8%
I do not use them	17.0%
N	47

7. What advantages do you consider that the use of OERs in education has?



7. What advantages do you consider that the use of OERs in education has?

Name	Percent
Cost efficiency	40.0%
Reusability	40.0%
Flexibility and adaptability	60.0%
Mobility of teachers and students	46.0%
Connectivity of teachers and students	52.0%
Other, please specify	0.0%
N	50

8. What disadvantages do you consider that the use of OERs in education has? If any, please specify:

isawoo2@yahoo.com:
Less human touch

stellam@utar.edu.my:
Reliability of the content

roslihashim@um.edu.my:
validity

faidzar@gmail.com:
No face to face interaction

slavka@ecad.tu-sofia.bg:
Less interactive then face-to-face teaching.

veerajendran@gmail.com:
Emerging and new topics updates is required

narthanajeyaece@gmail.com:
No

rsdey@inst.ac.in:
It does not follow specific syllabus

gieva@ecad.tu-sofia.bg:
Internet connection

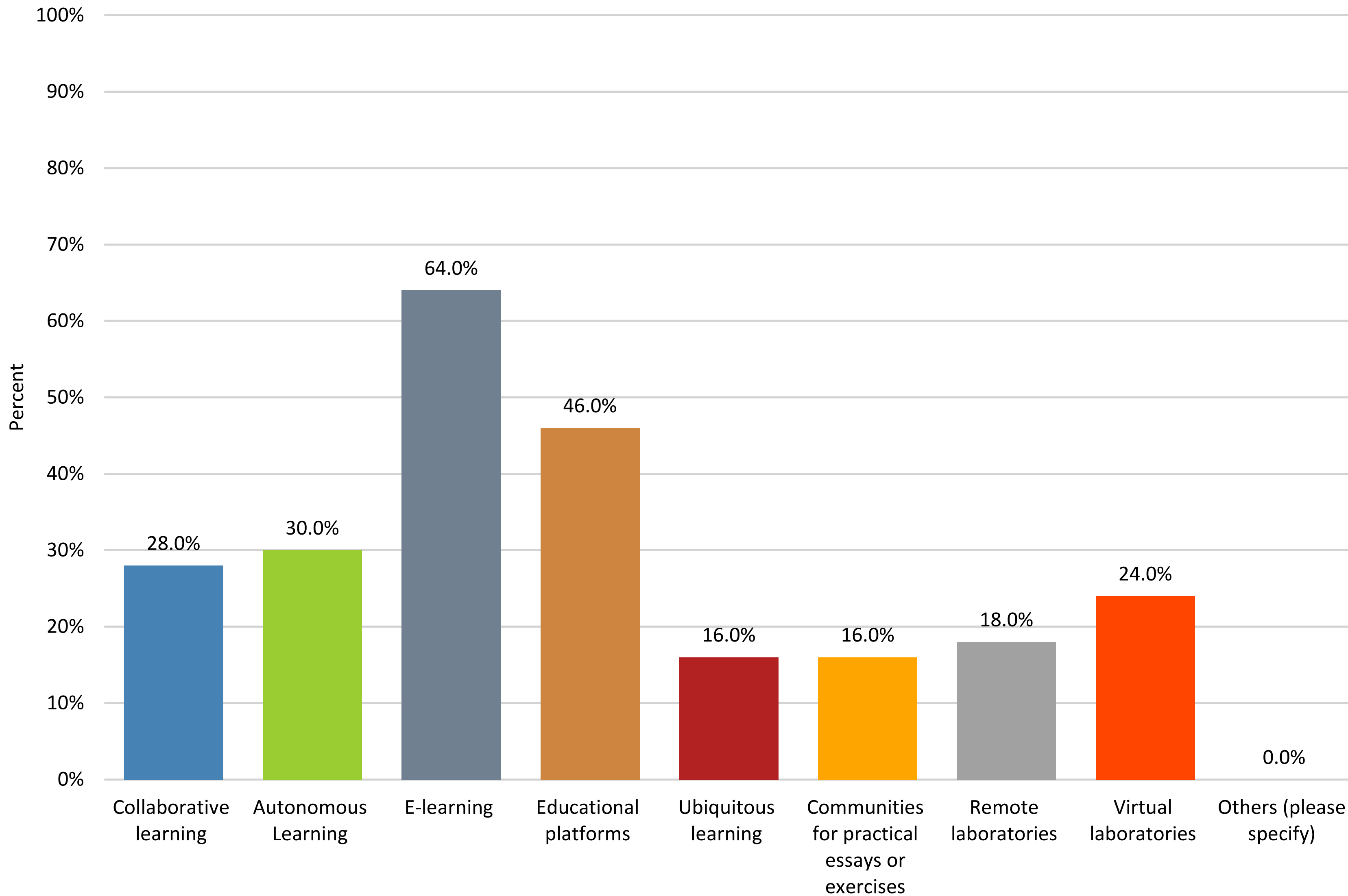
michele.goano@polito.it:
Risk of low interaction between teachers and students; risk of low engagement for students

rpetrov@tu-sofia.bg:
none

vivek.shrivastava@niituniversity.in:
Evaluation

oferbaron@gmail.com:
There are too many options. The quality of the OER is different for each topic and it is complex to orginize it and integrate it efficiently into the teaching program.

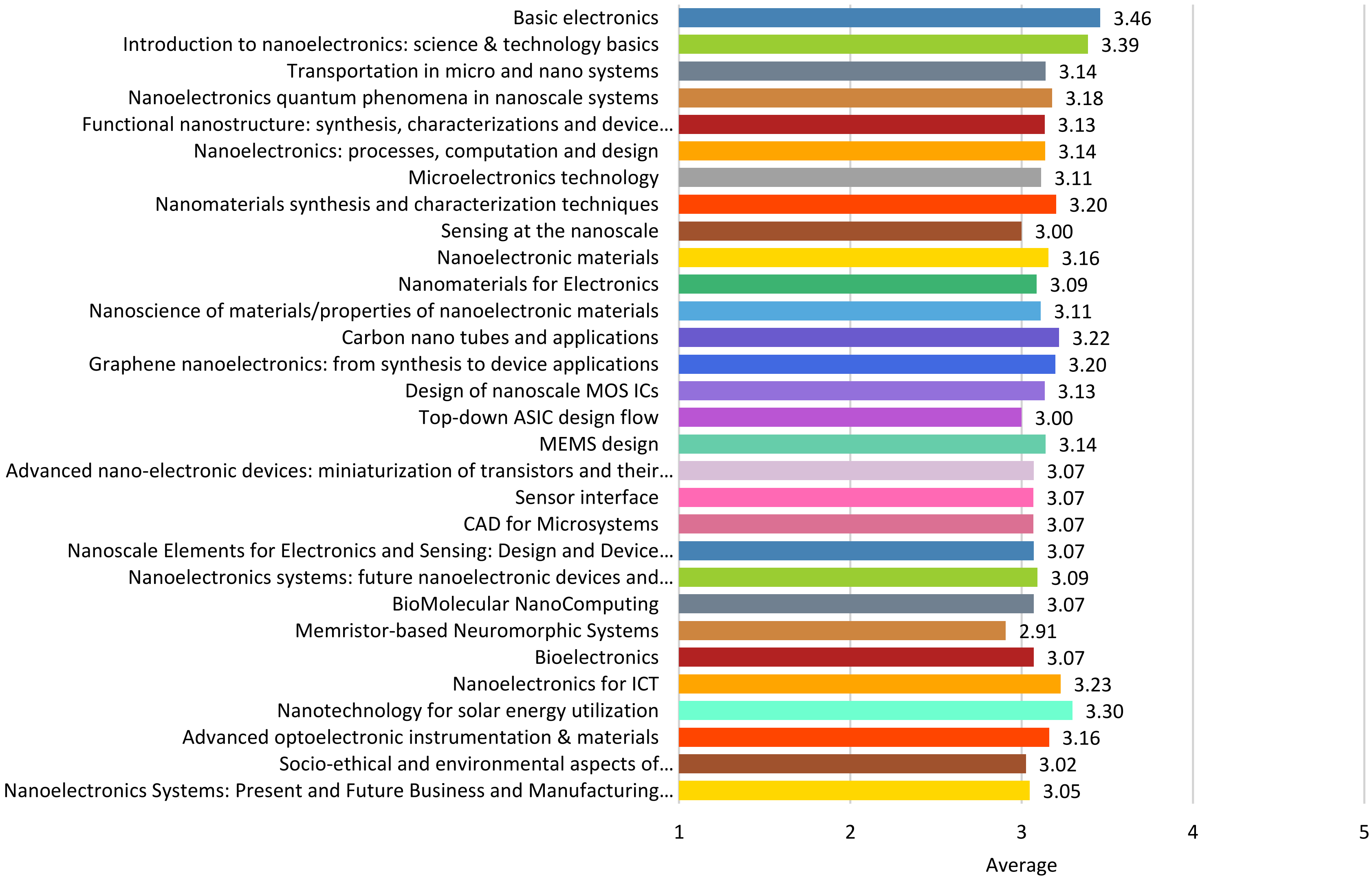
9. For what teaching activities do you consider the use of OERs as beneficial?



9. For what teaching activities do you consider the use of OERs as beneficial?

Name	Percent
Collaborative learning	28.0%
Autonomous Learning	30.0%
E-learning	64.0%
Educational platforms	46.0%
Ubiquitous learning	16.0%
Communities for practical essays or exercises	16.0%
Remote laboratories	18.0%
Virtual laboratories	24.0%
Others (please specify)	0.0%
N	50

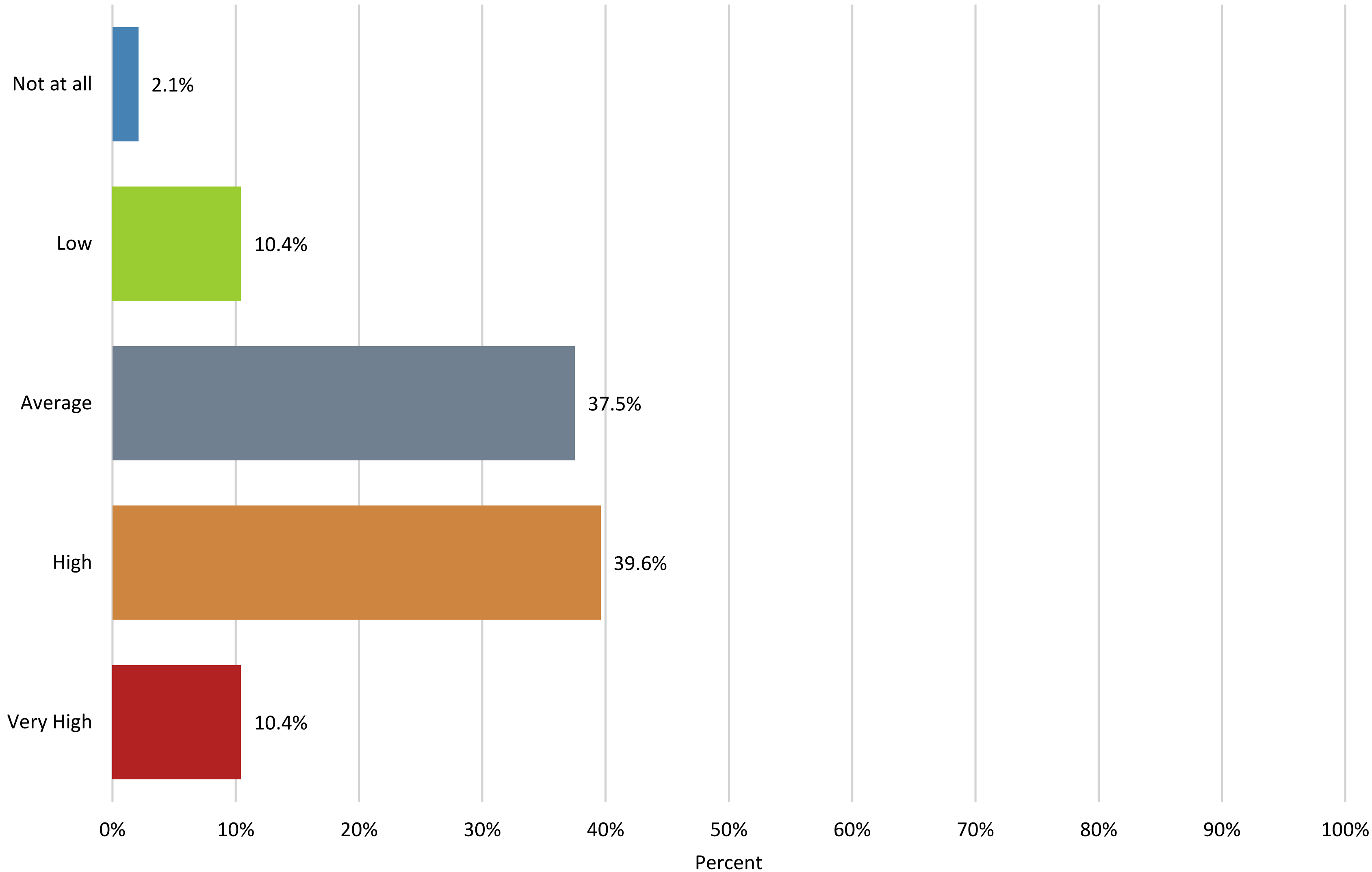
10. In which of these domains would your institution and students benefit from having access to OERs?



10. In which of these domains would your institution and students benefit from having access to OERs?

Question	Average	N
Basic electronics	3.46	48
Introduction to nanoelectronics: science & technology basics	3.39	44
Transportation in micro and nano systems	3.14	43
Nanoelectronics quantum phenomena in nanoscale systems	3.18	45
Functional nanostructure: synthesis, characterizations and device applications	3.13	45
Nanoelectronics: processes, computation and design	3.14	44
Microelectronics technology	3.11	44
Nanomaterials synthesis and characterization techniques	3.20	45
Sensing at the nanoscale	3.00	44
Nanoelectronic materials	3.16	45
Nanomaterials for Electronics	3.09	46
Nanoscience of materials/properties of nanoelectronic materials	3.11	45
Carbon nano tubes and applications	3.22	46
Graphene nanoelectronics: from synthesis to device applications	3.20	46
Design of nanoscale MOS ICs	3.13	45
Top-down ASIC design flow	3.00	43
MEMS design	3.14	43
Advanced nano-electronic devices: miniaturization of transistors and their performance	3.07	43

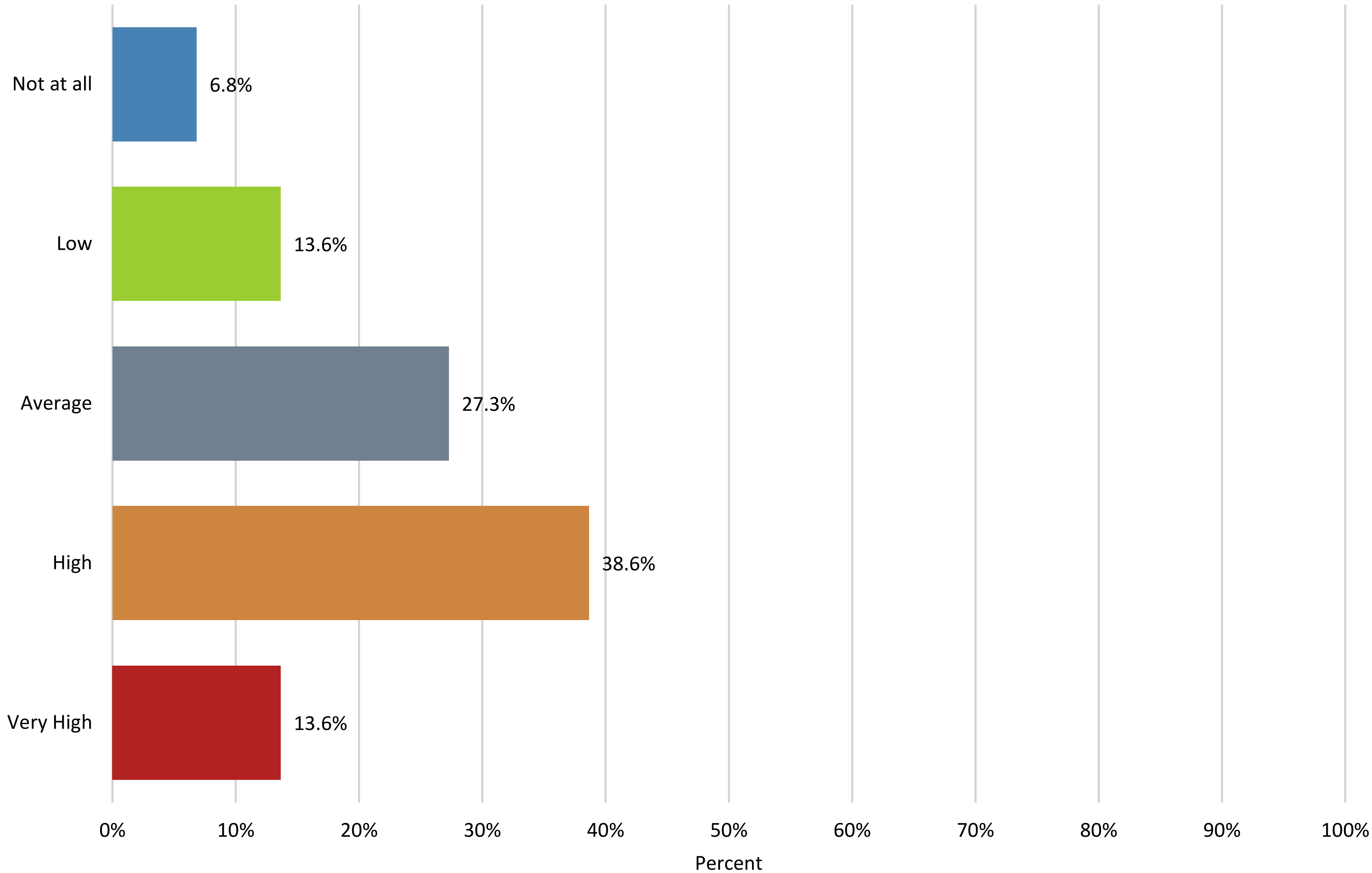
11. Basic electronics



11. Basic electronics

Name	**Percent**
Not at all	2.1%
Low	10.4%
Average	37.5%
High	39.6%
Very High	10.4%
N	48

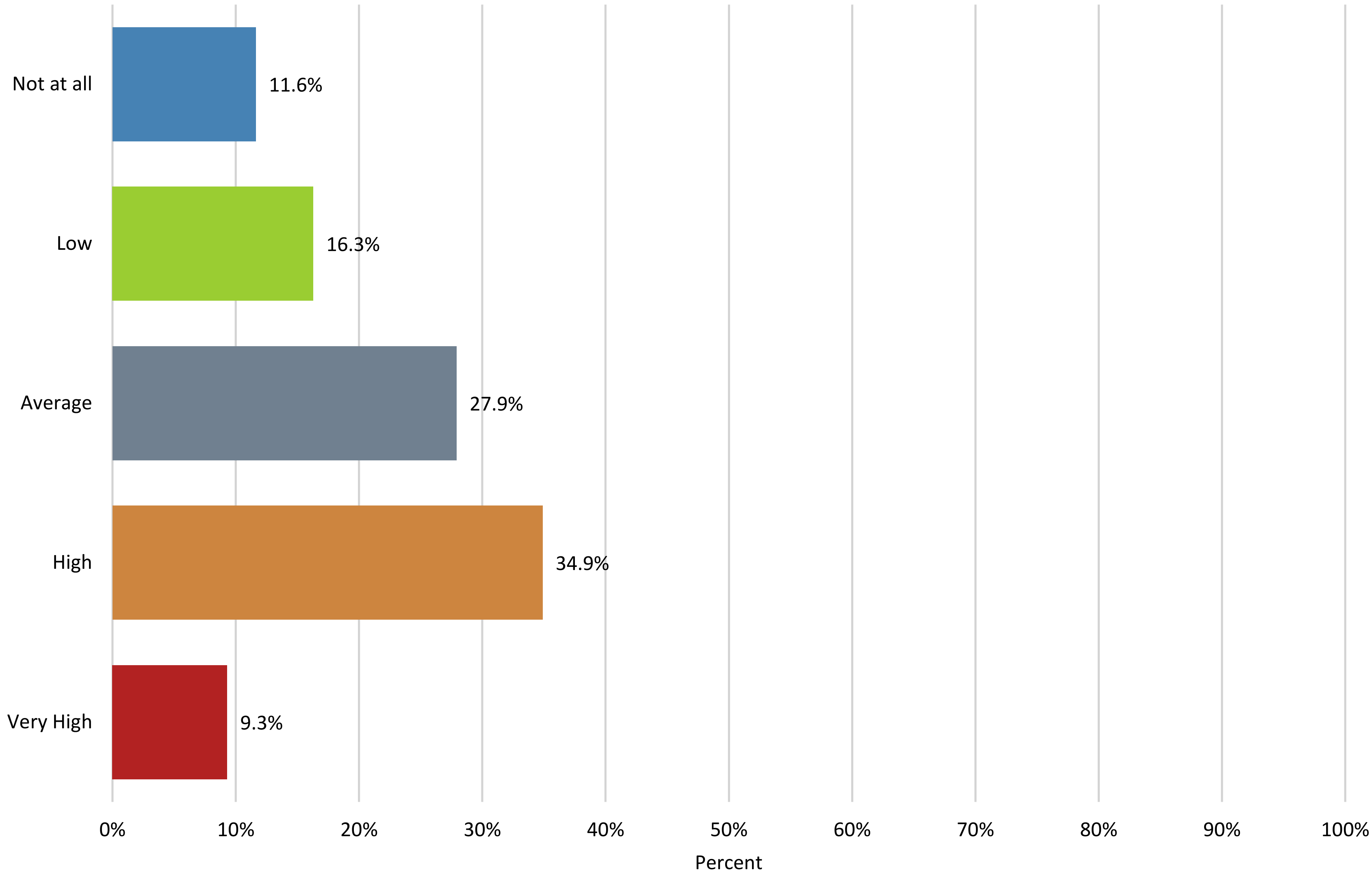
12. Introduction to nanoelectronics: science & technology basics



12. Introduction to nanoelectronics: science & technology basics

Name	Percent
Not at all	6.8%
Low	13.6%
Average	27.3%
High	38.6%
Very High	13.6%
N	44

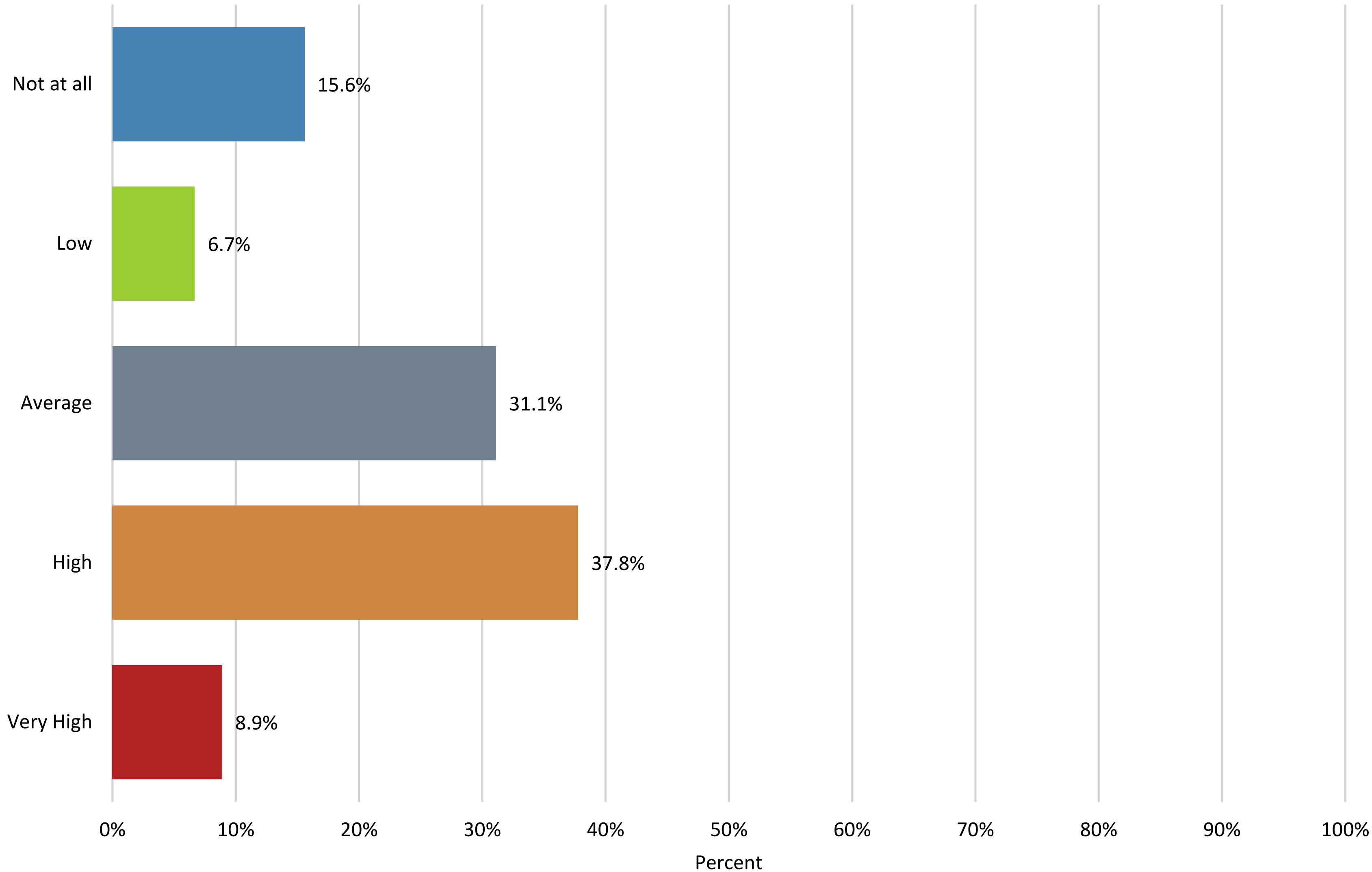
13. Transportation in micro and nano systems



13. Transportation in micro and nano systems

Name	Percent
Not at all	11.6%
Low	16.3%
Average	27.9%
High	34.9%
Very High	9.3%
N	43

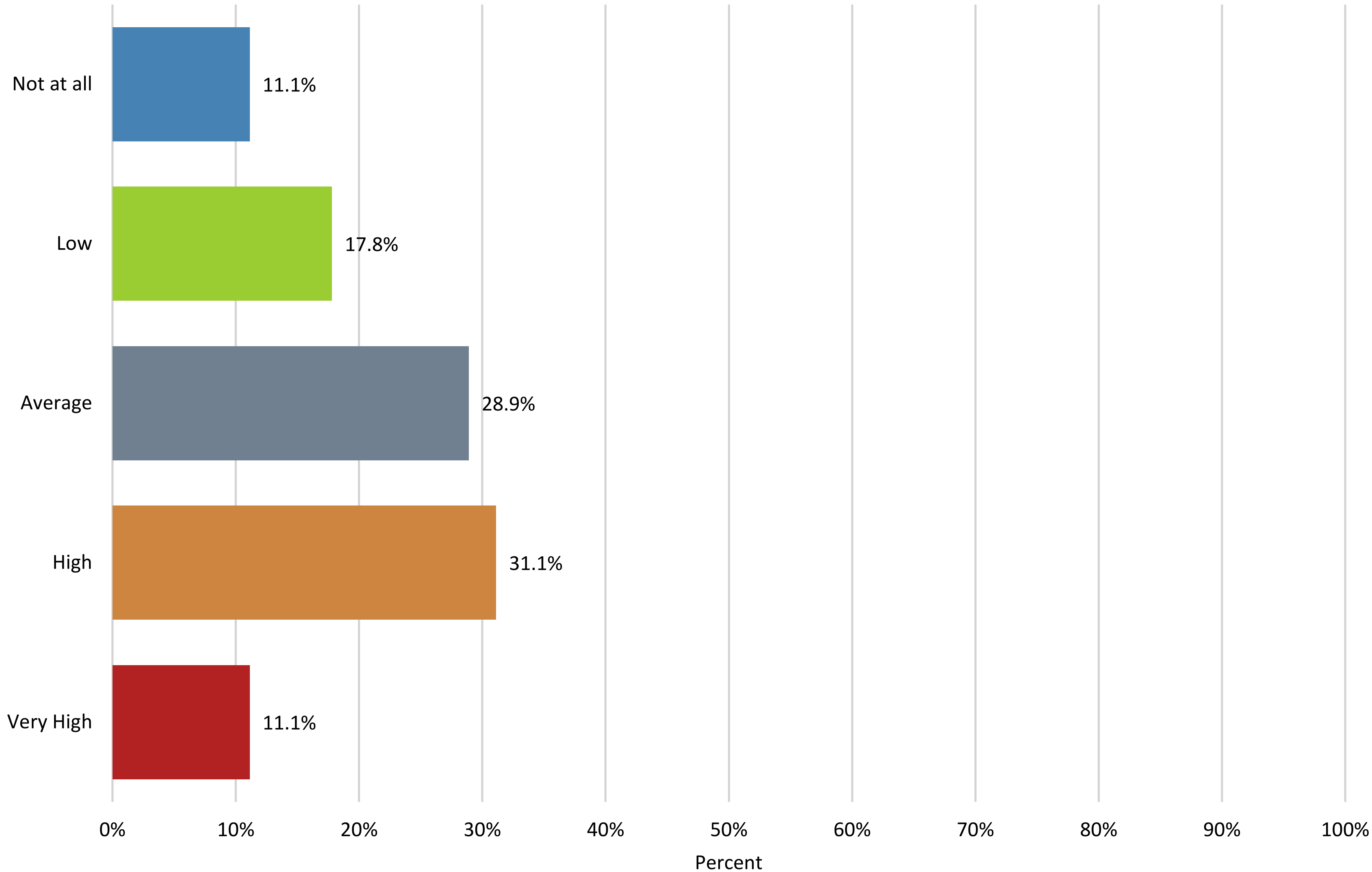
14. Nanoelectronics quantum phenomena in nanoscale systems



14. Nanoelectronics quantum phenomena in nanoscale systems

Name	**Percent**
Not at all	15.6%
Low	6.7%
Average	31.1%
High	37.8%
Very High	8.9%
N	45

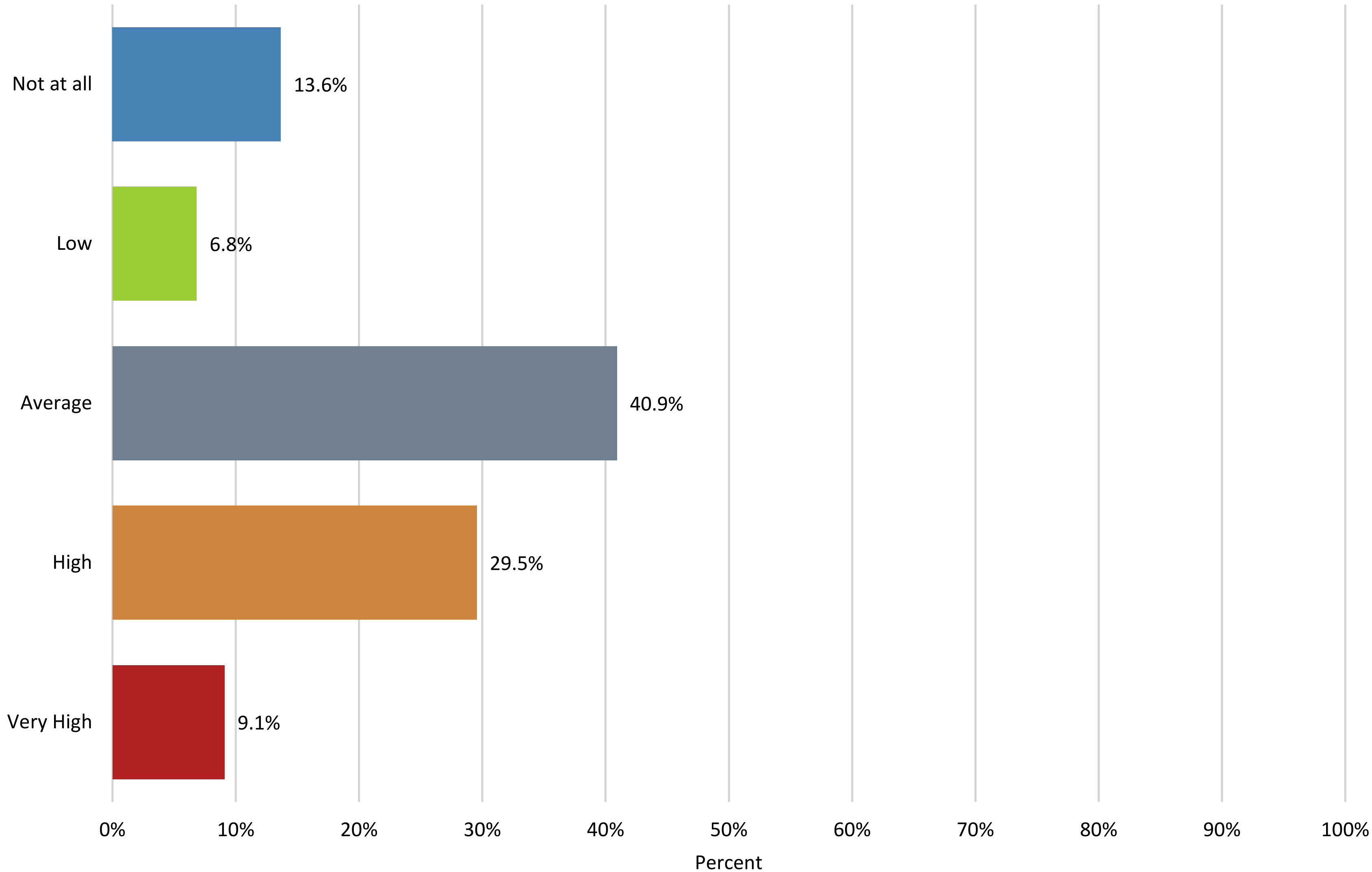
15. Functional nanostructure: synthesis, characterizations and device applications



15. Functional nanostructure: synthesis, characterizations and device applications

Name	Percent
Not at all	11.1%
Low	17.8%
Average	28.9%
High	31.1%
Very High	11.1%
N	45

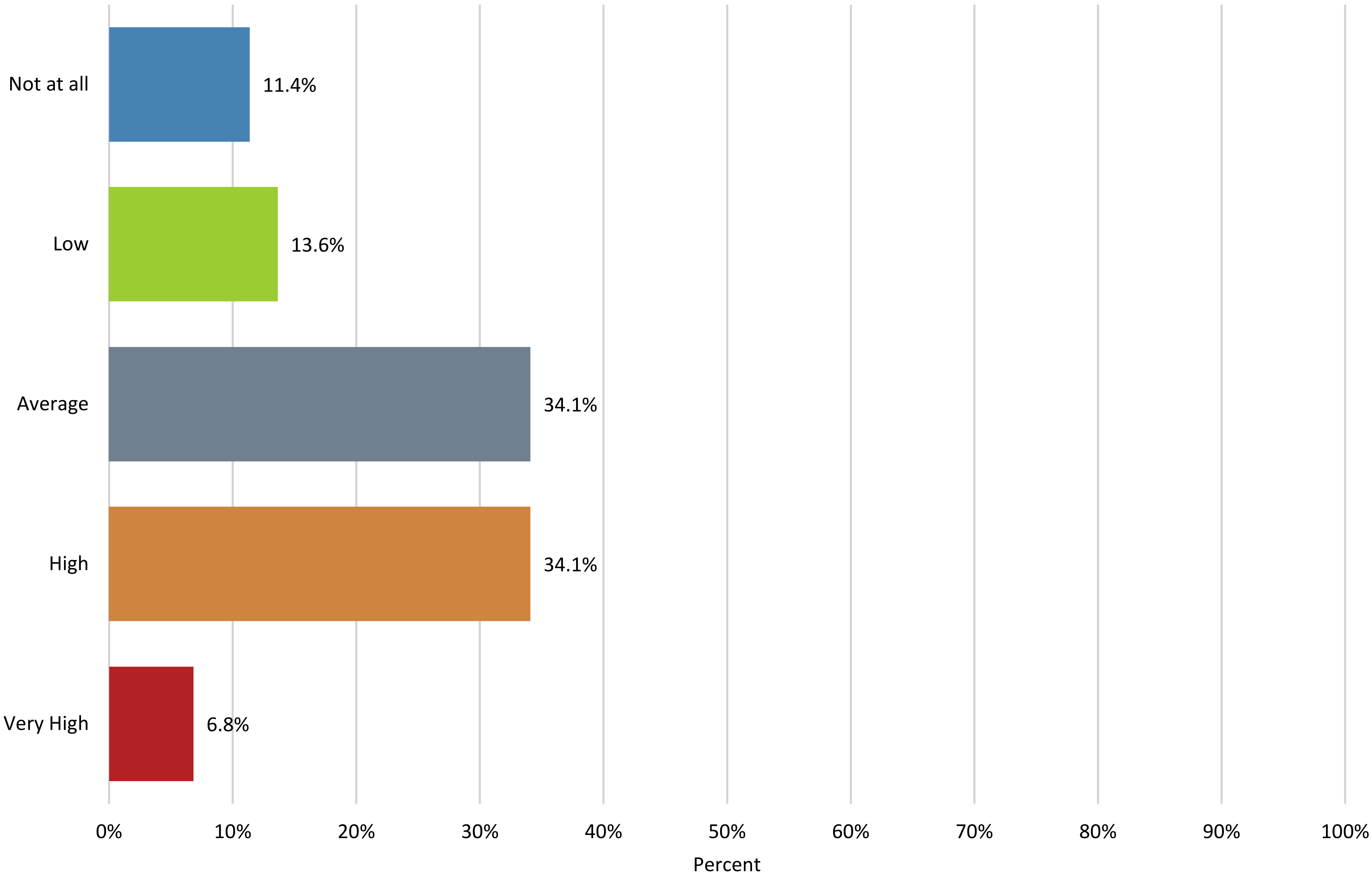
16. Nanoelectronics: processes, computation and design



16. Nanoelectronics: processes, computation and design

Name	Percent
Not at all	13.6%
Low	6.8%
Average	40.9%
High	29.5%
Very High	9.1%
N	44

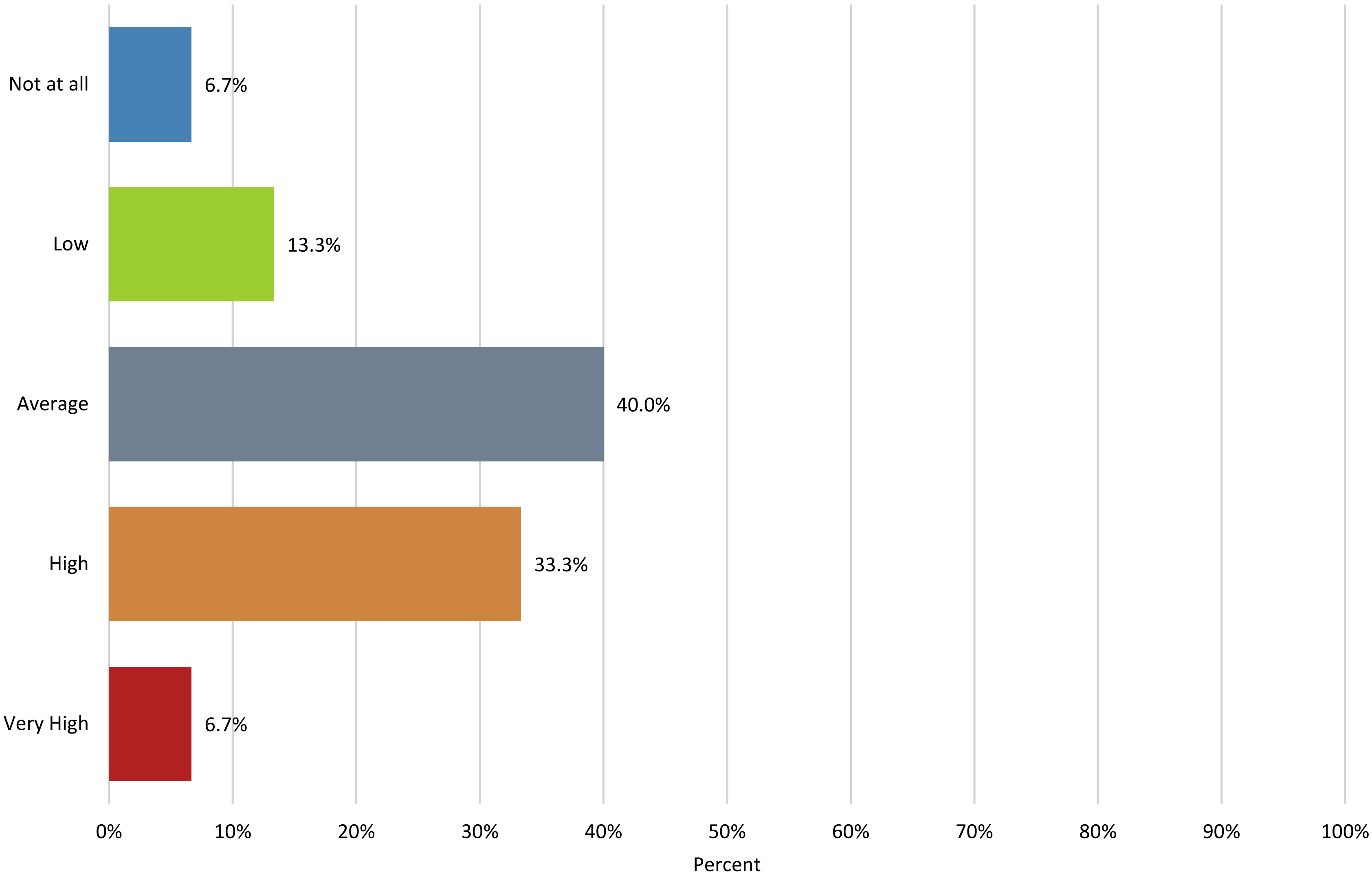
17. Microelectronics technology



17. Microelectronics technology

Name	Percent
Not at all	11.4%
Low	13.6%
Average	34.1%
High	34.1%
Very High	6.8%
N	44

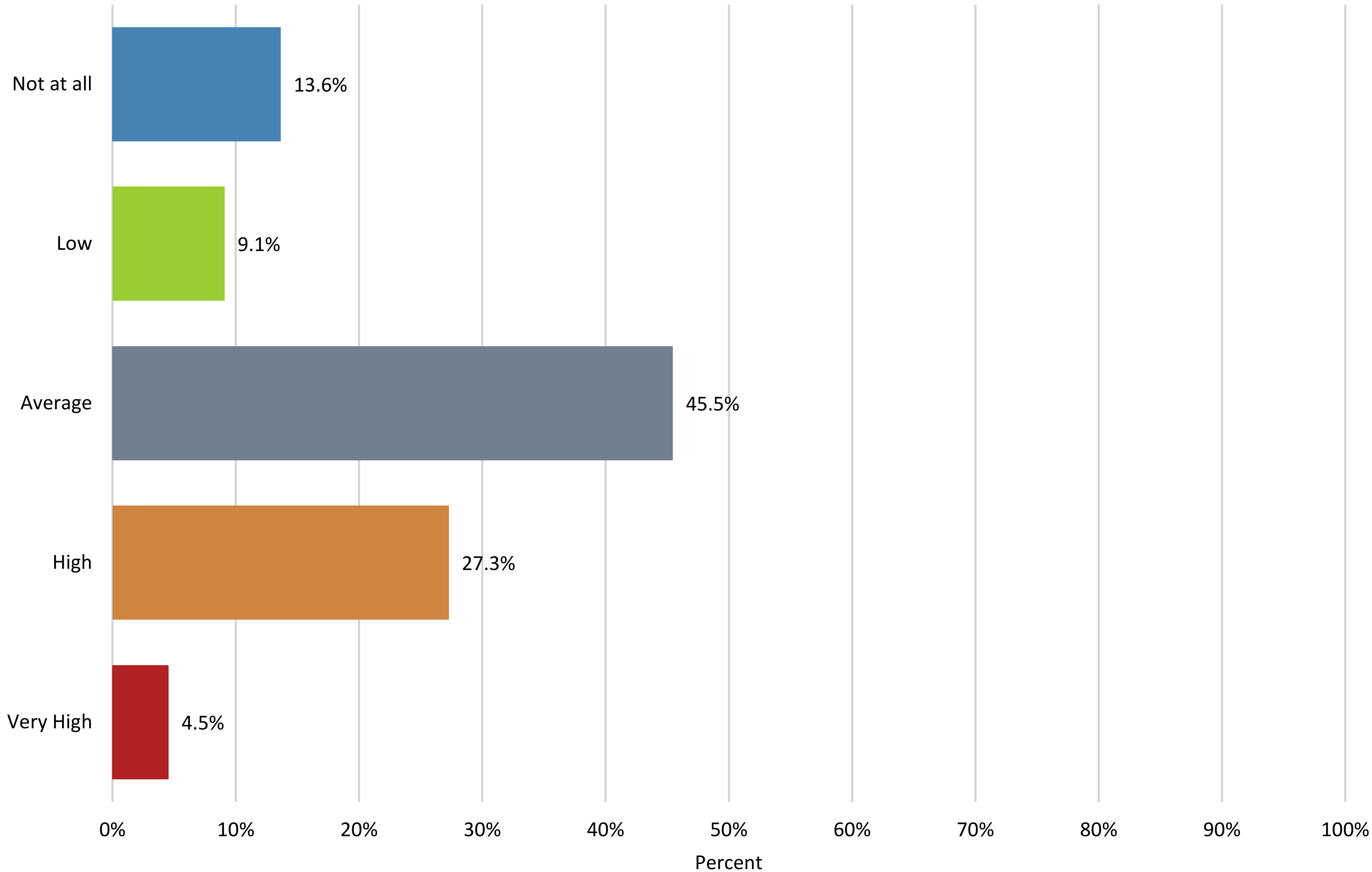
18. Nanomaterials synthesis and characterization techniques



18. Nanomaterials synthesis and characterization techniques

Name	Percent
Not at all	6.7%
Low	13.3%
Average	40.0%
High	33.3%
Very High	6.7%
N	45

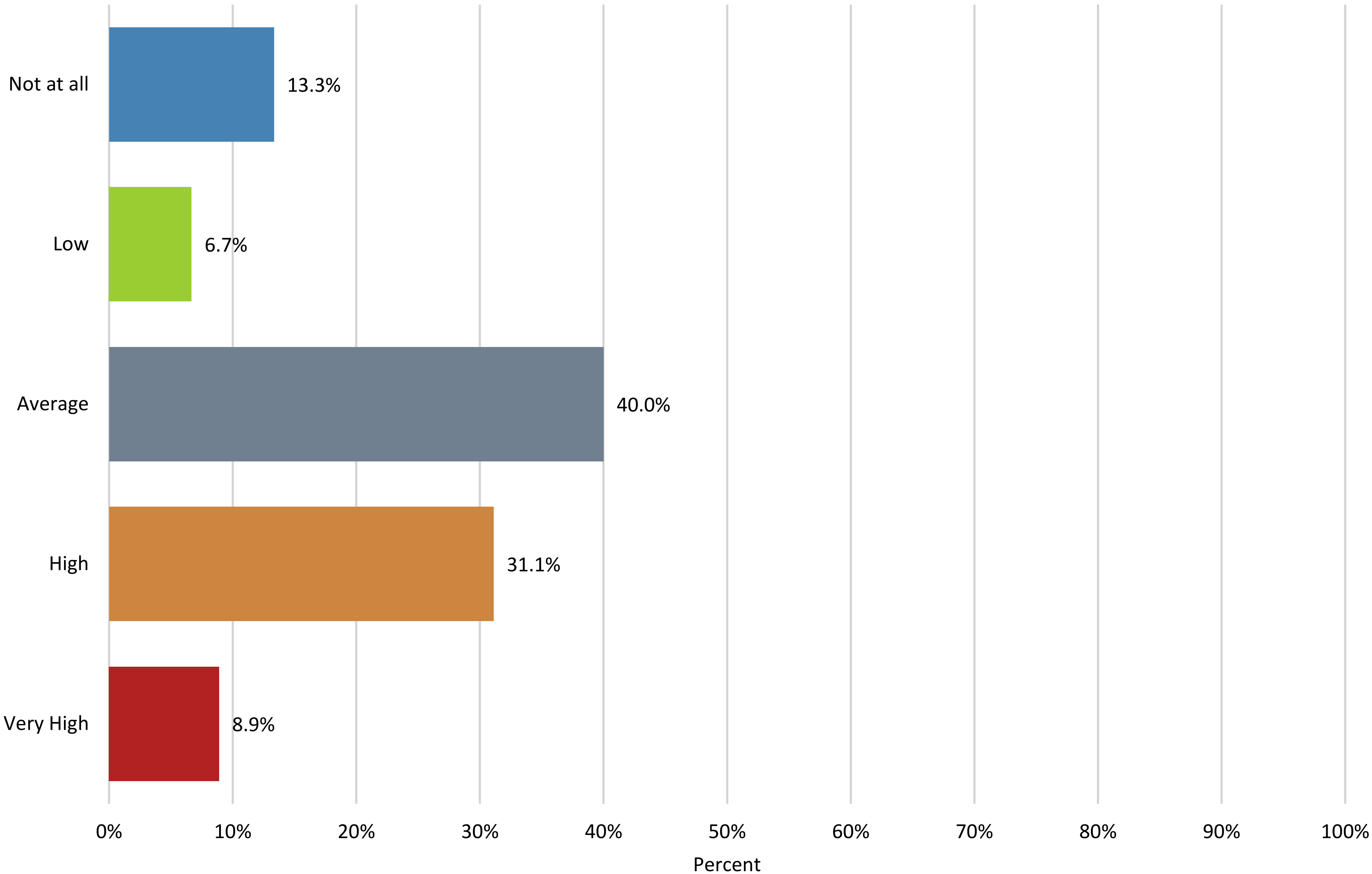
19. Sensing at the nanoscale



19. Sensing at the nanoscale

Name	Percent
Not at all	13.6%
Low	9.1%
Average	45.5%
High	27.3%
Very High	4.5%
N	44

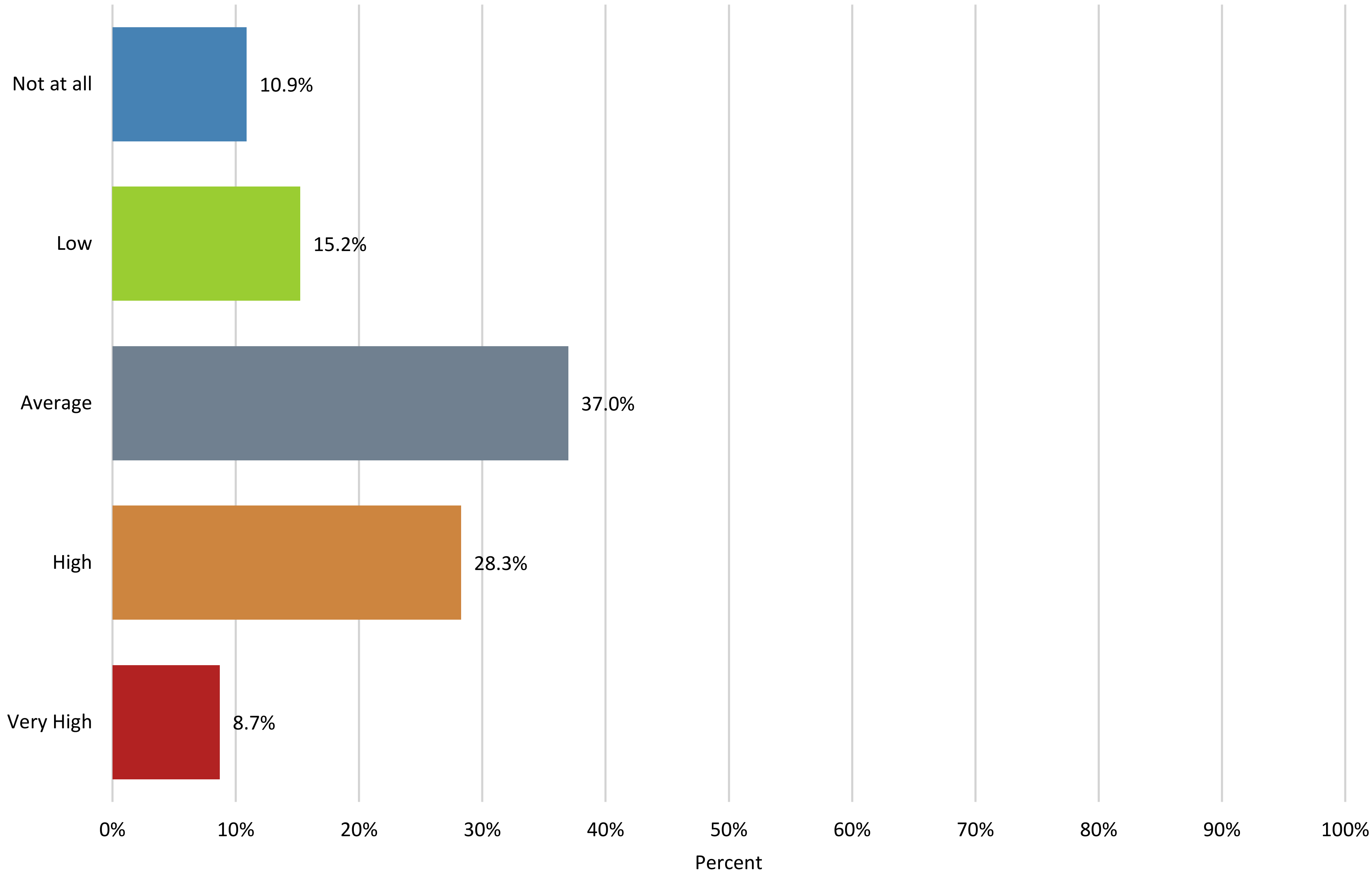
20. Nanoelectronic materials



20. Nanoelectronic materials

Name	Percent
Not at all	13.3%
Low	6.7%
Average	40.0%
High	31.1%
Very High	8.9%
N	45

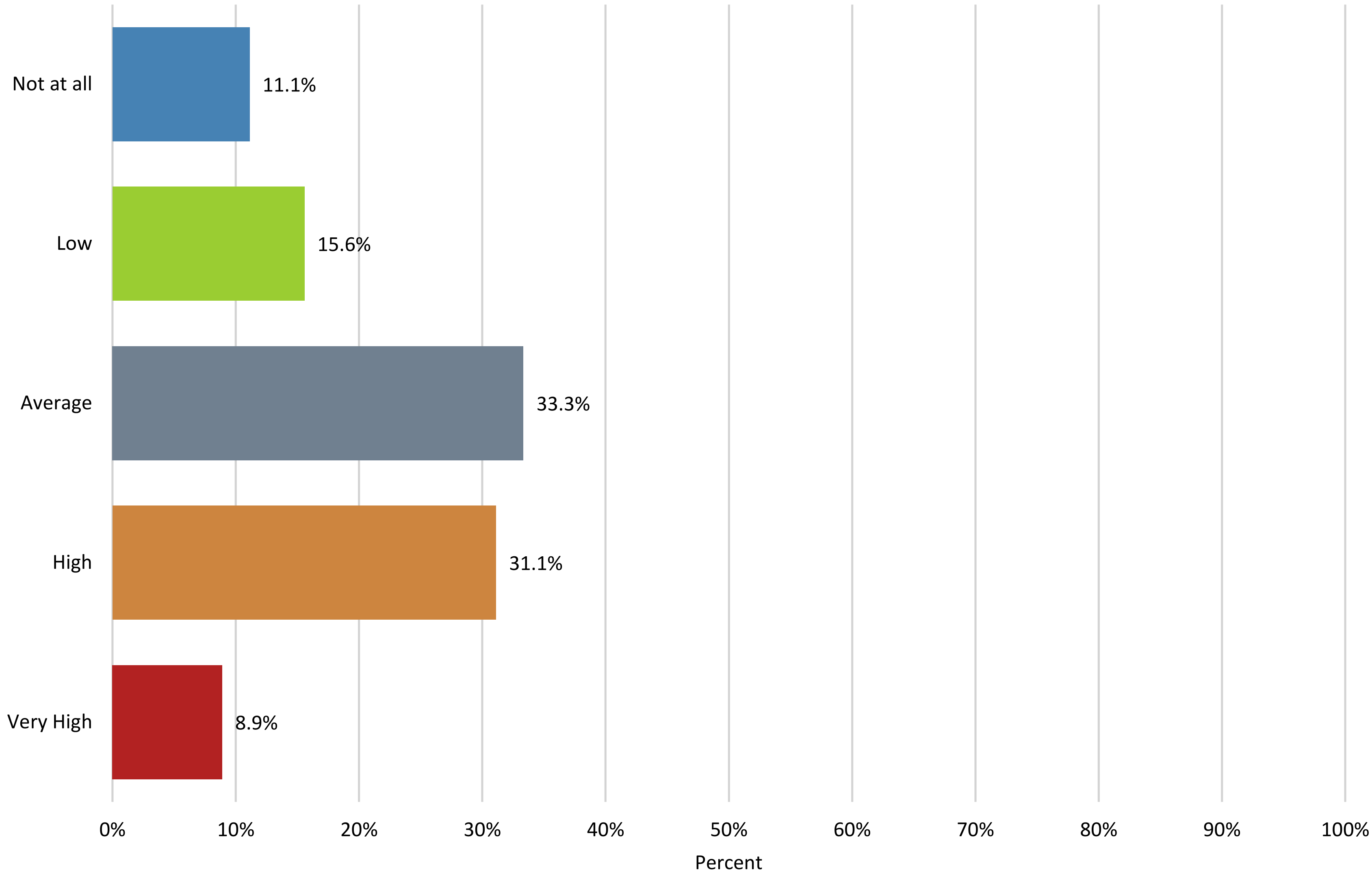
21. Nanomaterials for Electronics



21. Nanomaterials for Electronics

Name	Percent
Not at all	10.9%
Low	15.2%
Average	37.0%
High	28.3%
Very High	8.7%
N	46

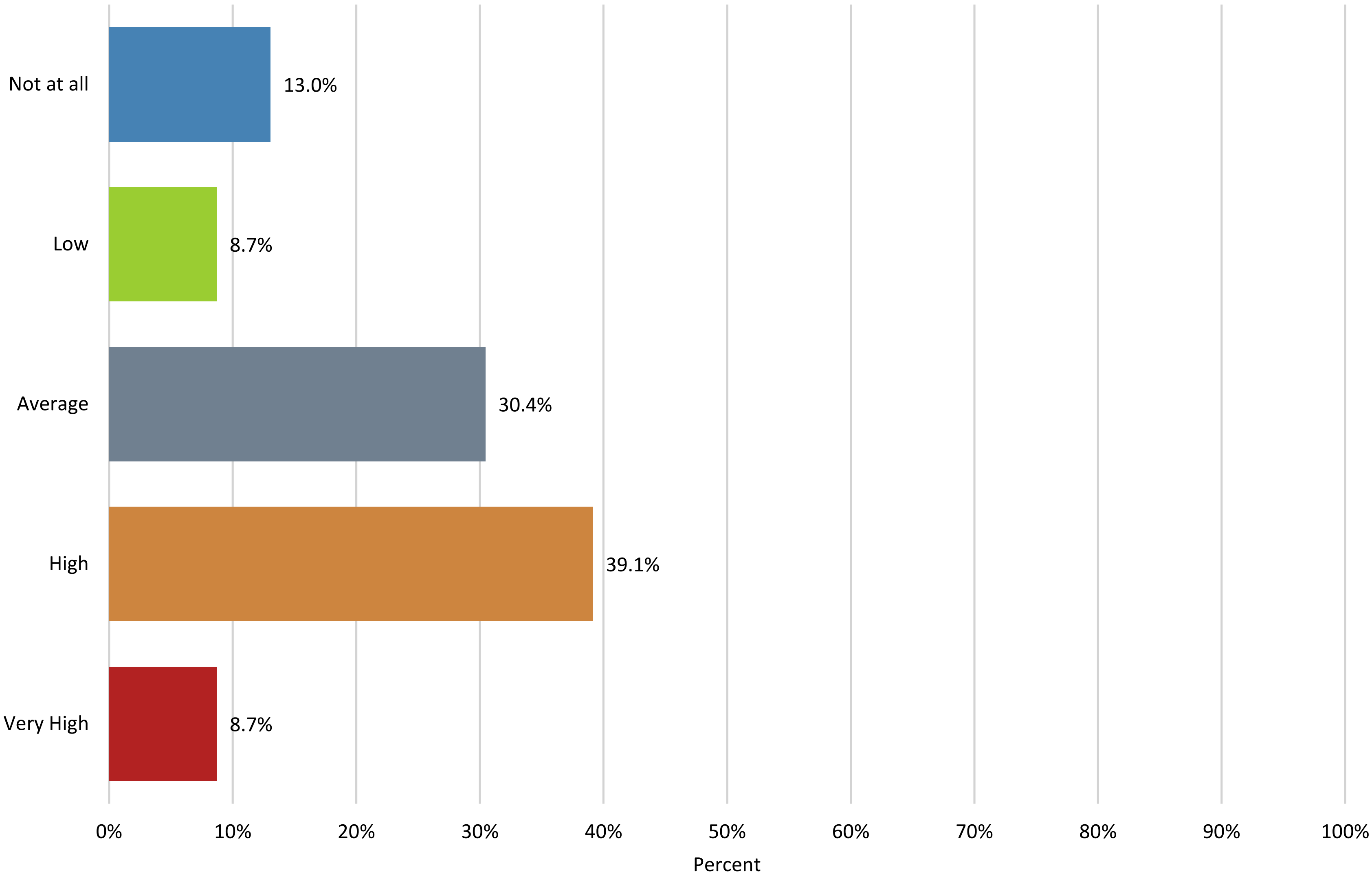
22. Nanoscience of materials/properties of nanoelectronic materials



22. Nanoscience of materials/properties of nanoelectronic materials

Name	Percent
Not at all	11.1%
Low	15.6%
Average	33.3%
High	31.1%
Very High	8.9%
N	45

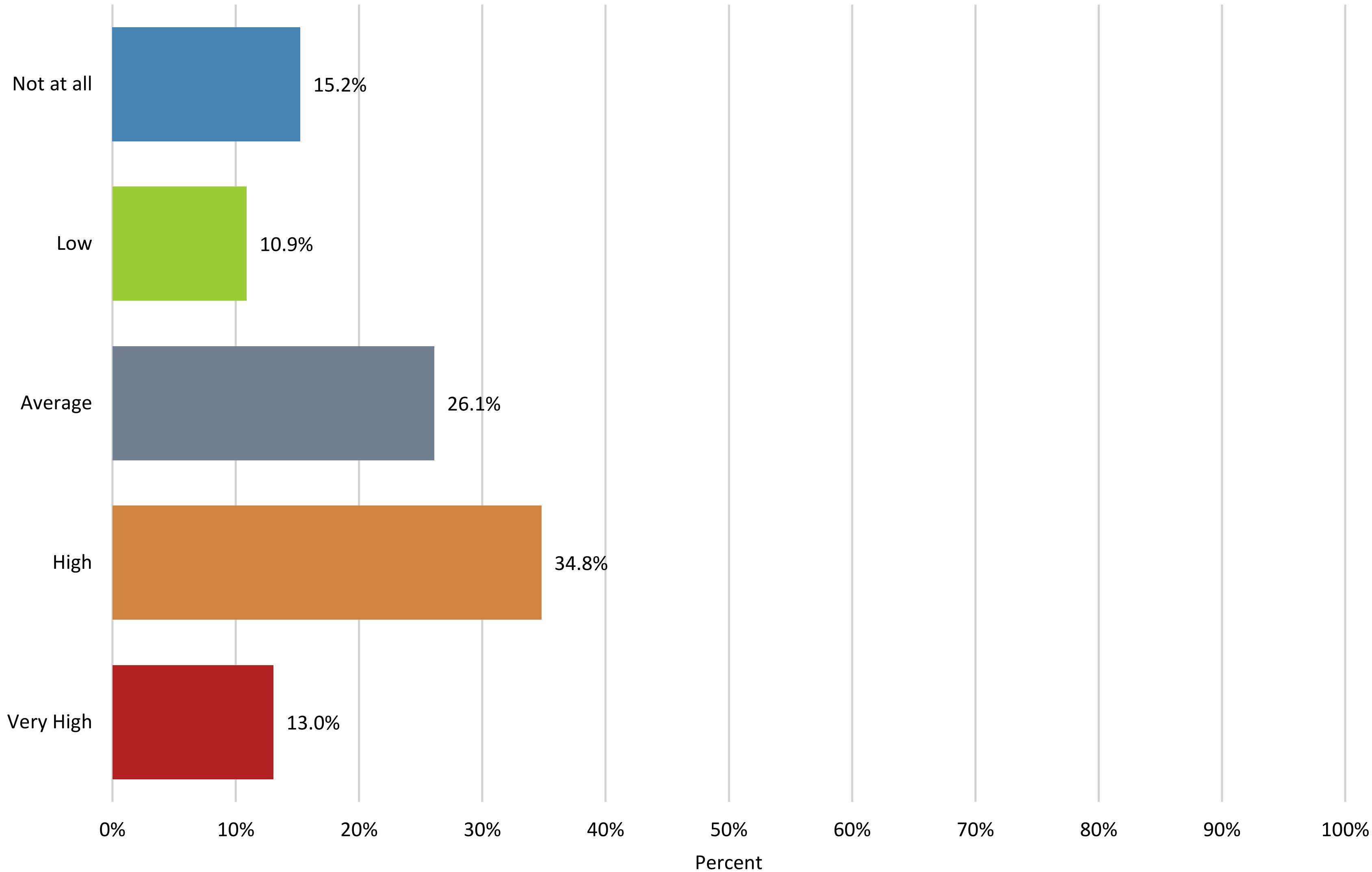
23. Carbon nano tubes and applications



23. Carbon nano tubes and applications

Name	Percent
Not at all	13.0%
Low	8.7%
Average	30.4%
High	39.1%
Very High	8.7%
N	46

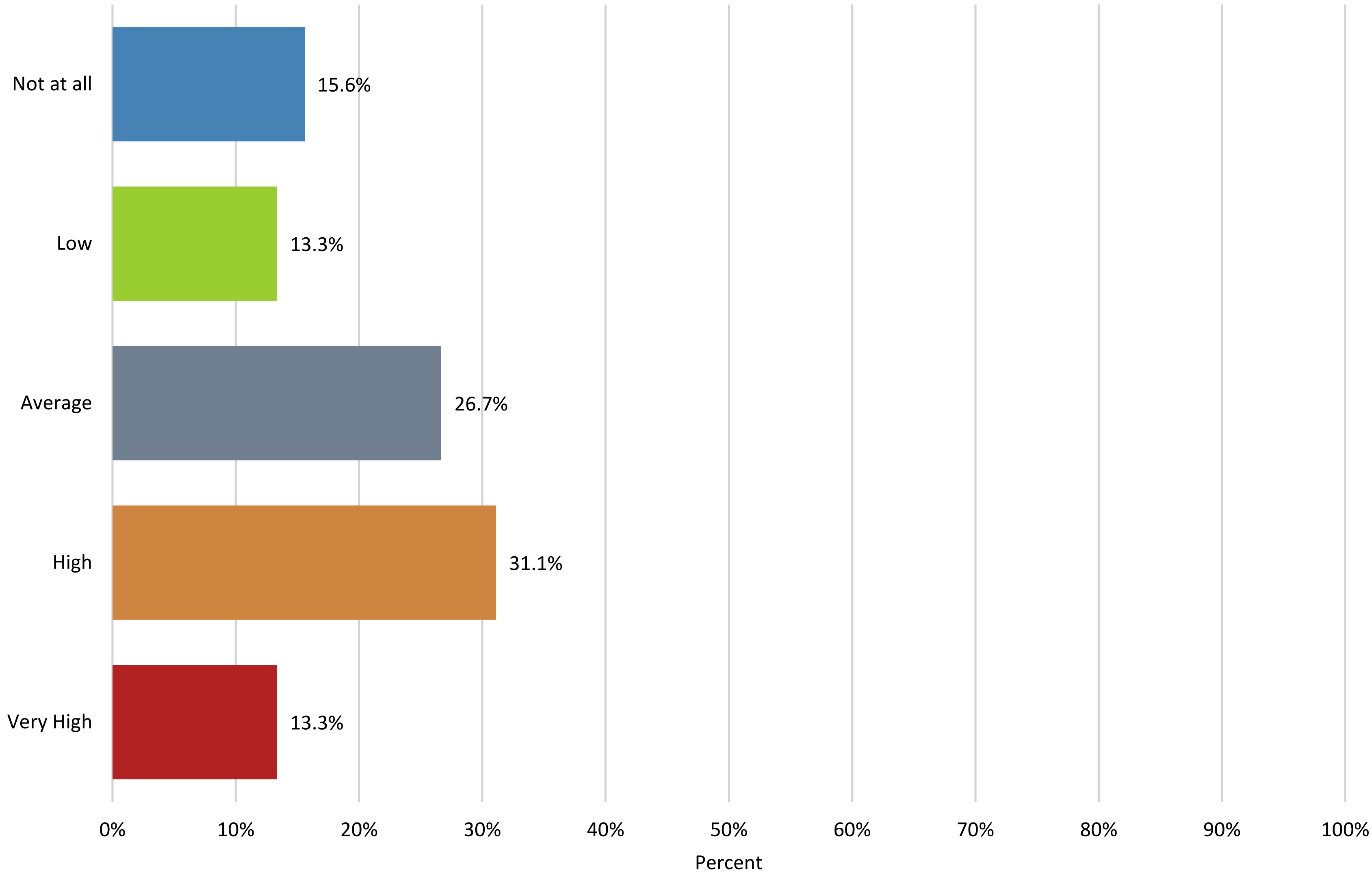
24. Graphene nanoelectronics: from synthesis to device applications



24. Graphene nanoelectronics: from synthesis to device applications

Name	Percent
Not at all	15.2%
Low	10.9%
Average	26.1%
High	34.8%
Very High	13.0%
N	46

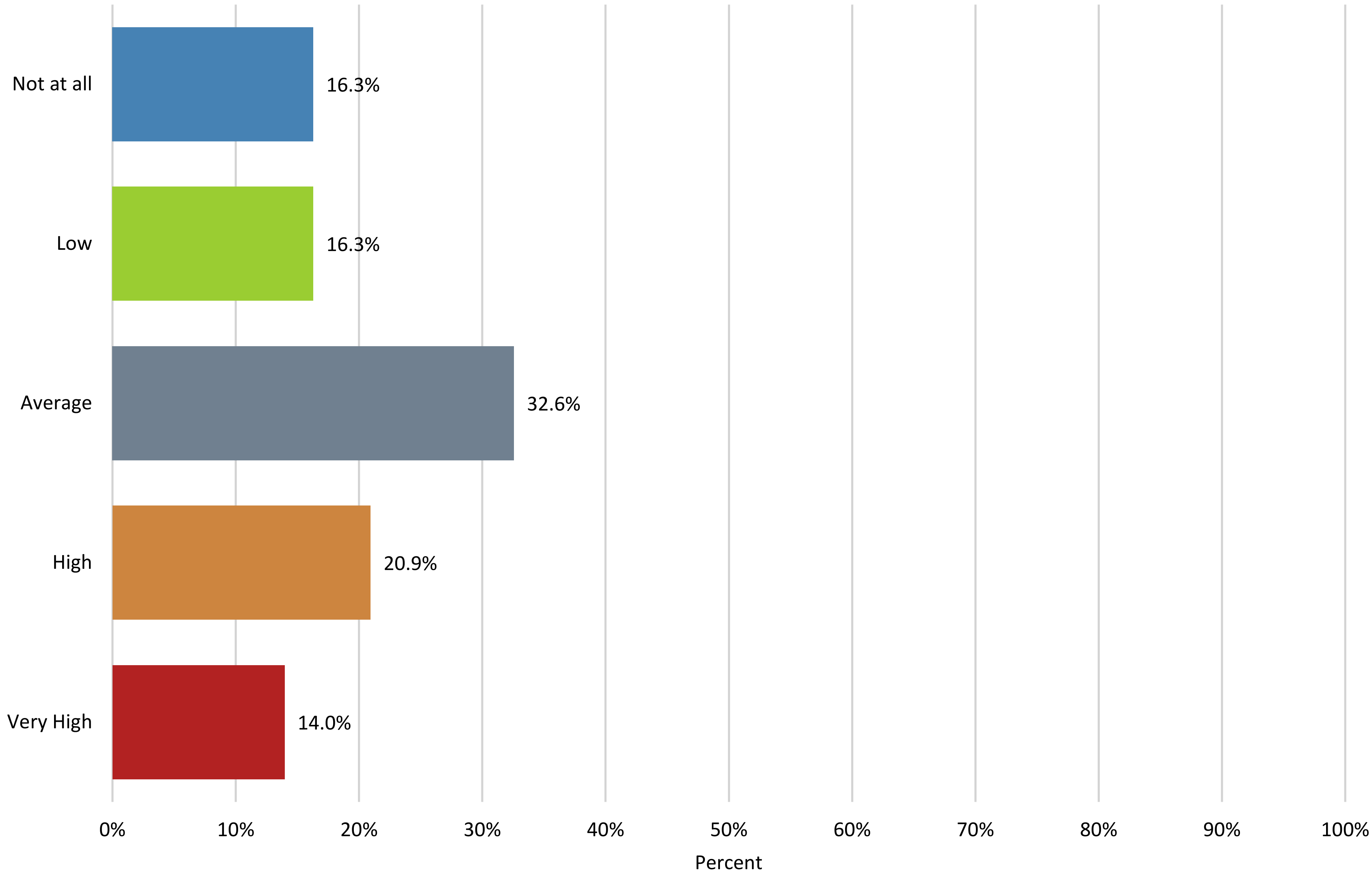
25. Design of nanoscale MOS ICs



25. Design of nanoscale MOS ICs

Name	Percent
Not at all	15.6%
Low	13.3%
Average	26.7%
High	31.1%
Very High	13.3%
N	45

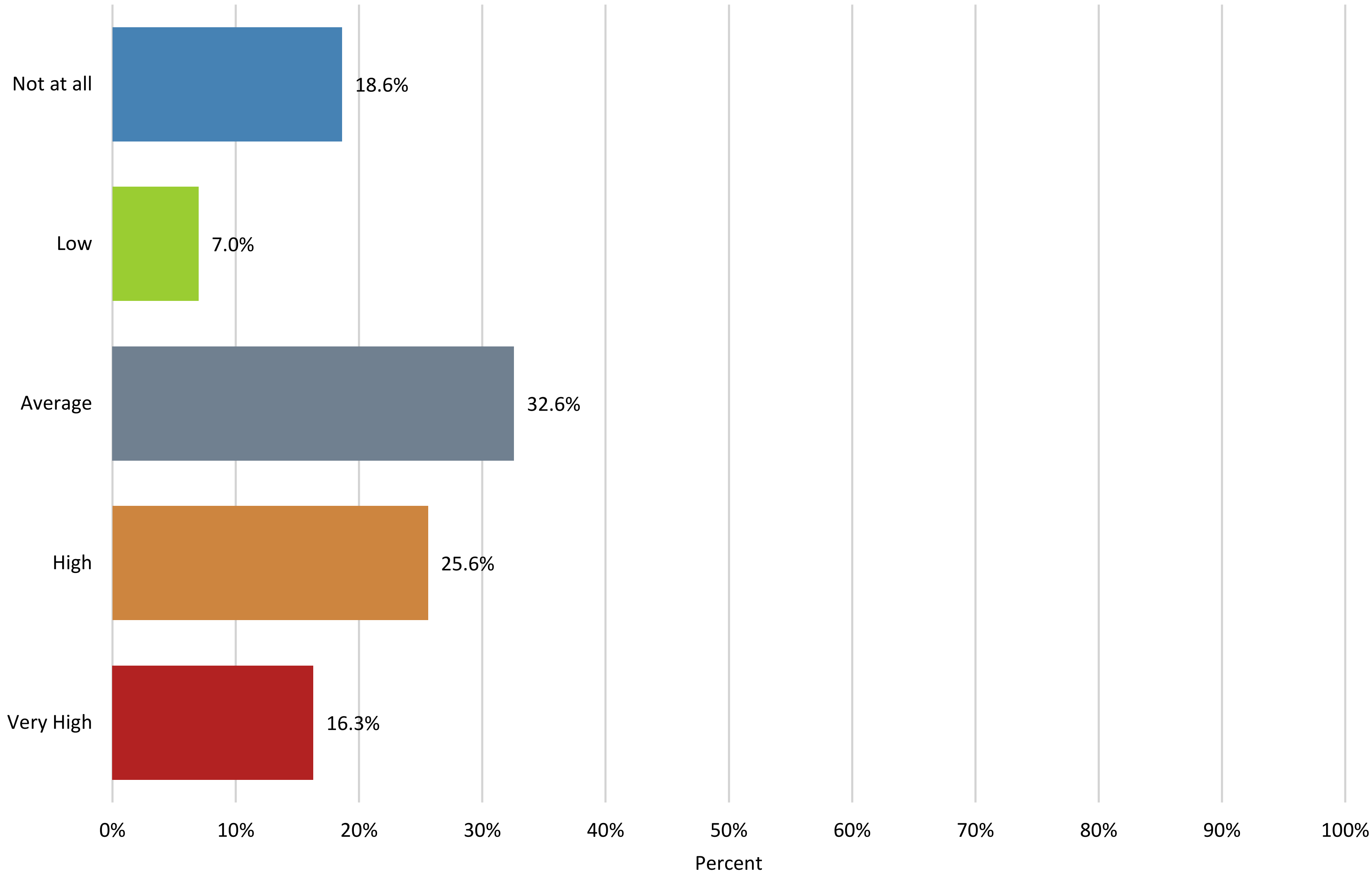
26. Top-down ASIC design flow



26. Top-down ASIC design flow

Name	Percent
Not at all	16.3%
Low	16.3%
Average	32.6%
High	20.9%
Very High	14.0%
N	43

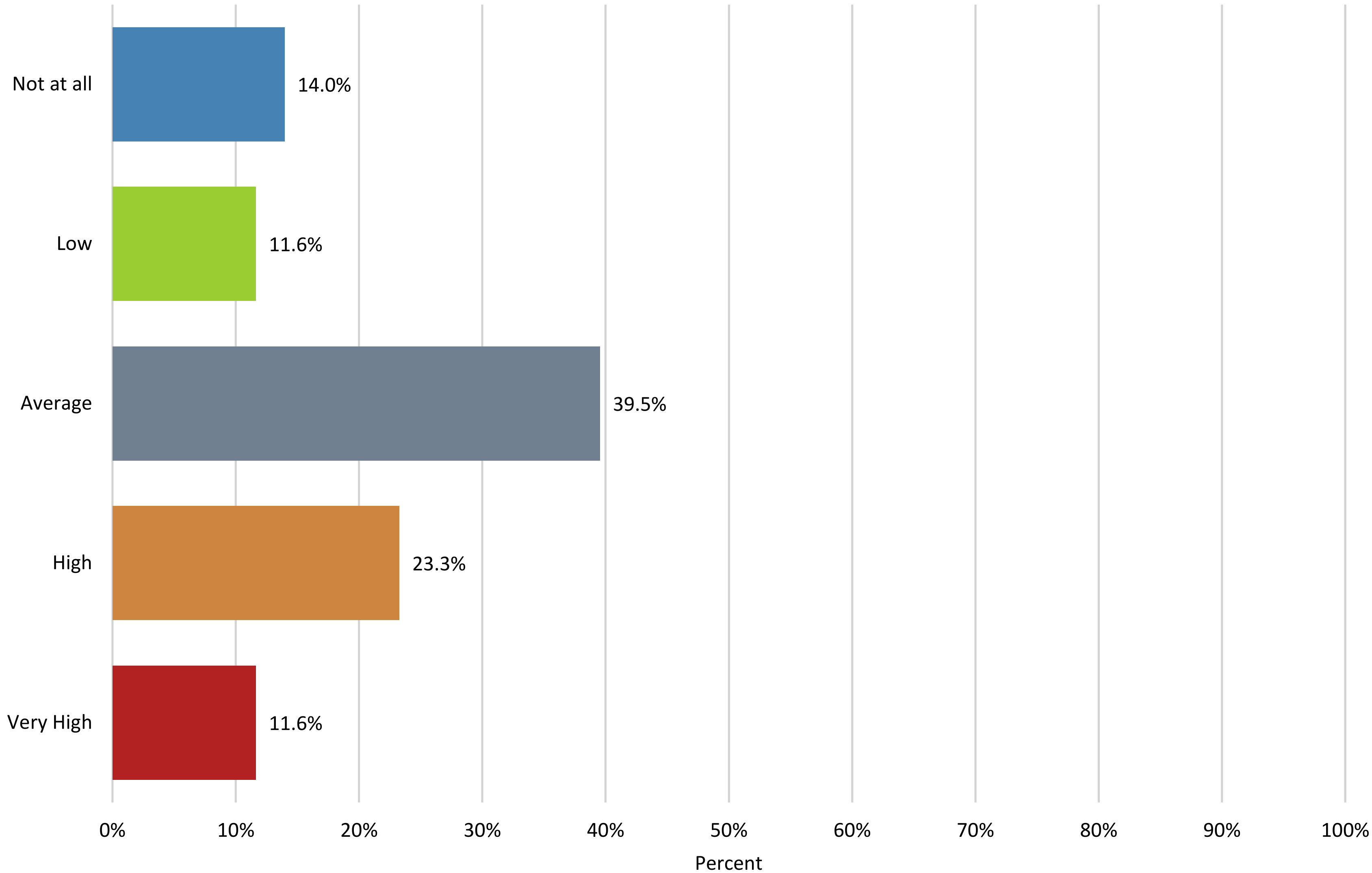
27. MEMS design



27. MEMS design

Name	Percent
Not at all	18.6%
Low	7.0%
Average	32.6%
High	25.6%
Very High	16.3%
N	43

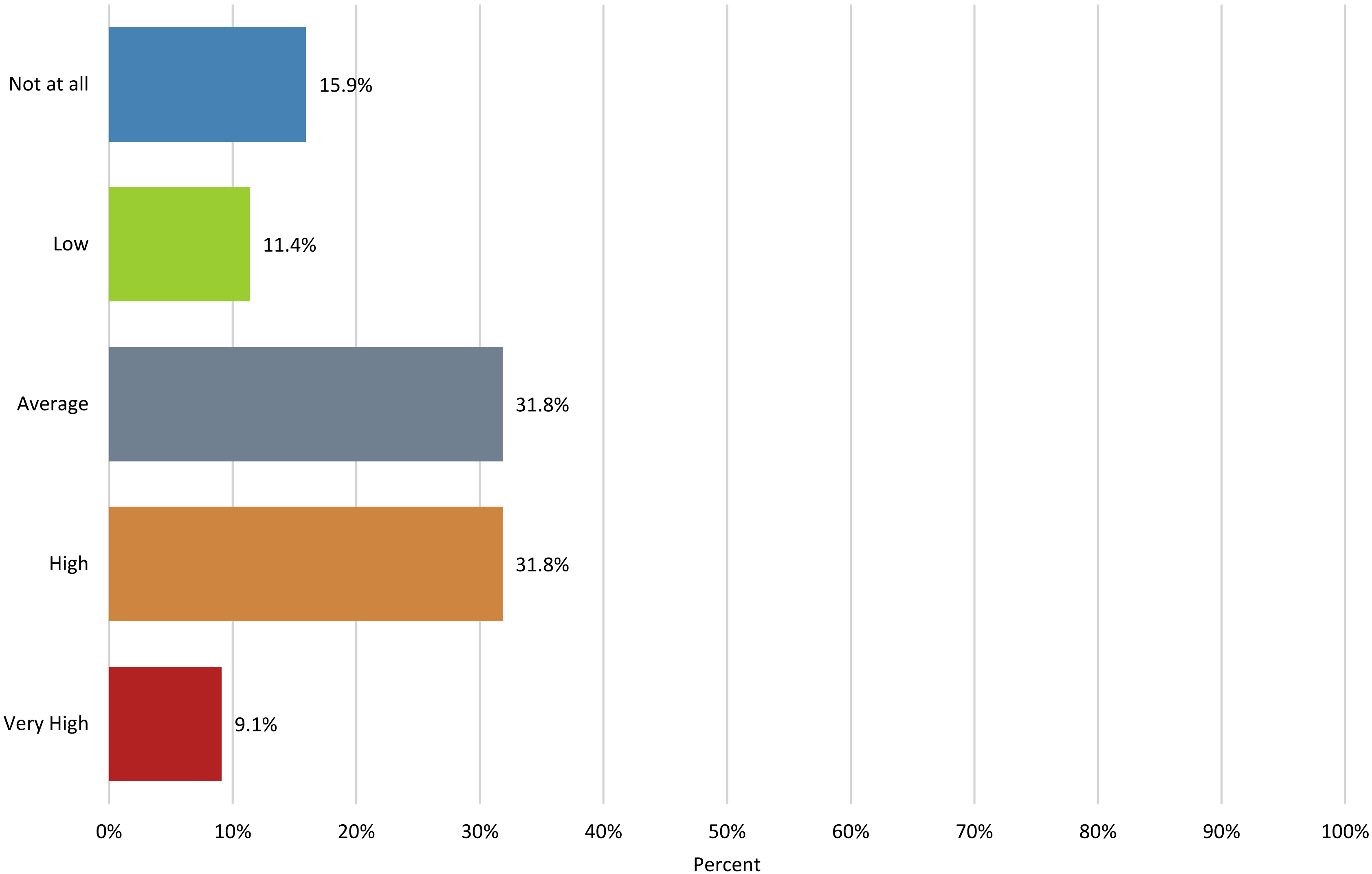
28. Advanced nano-electronic devices: miniaturization of transistors and their performance



28. Advanced nano-electronic devices: miniaturization of transistors and their performance

Name	Percent
Not at all	14.0%
Low	11.6%
Average	39.5%
High	23.3%
Very High	11.6%
N	43

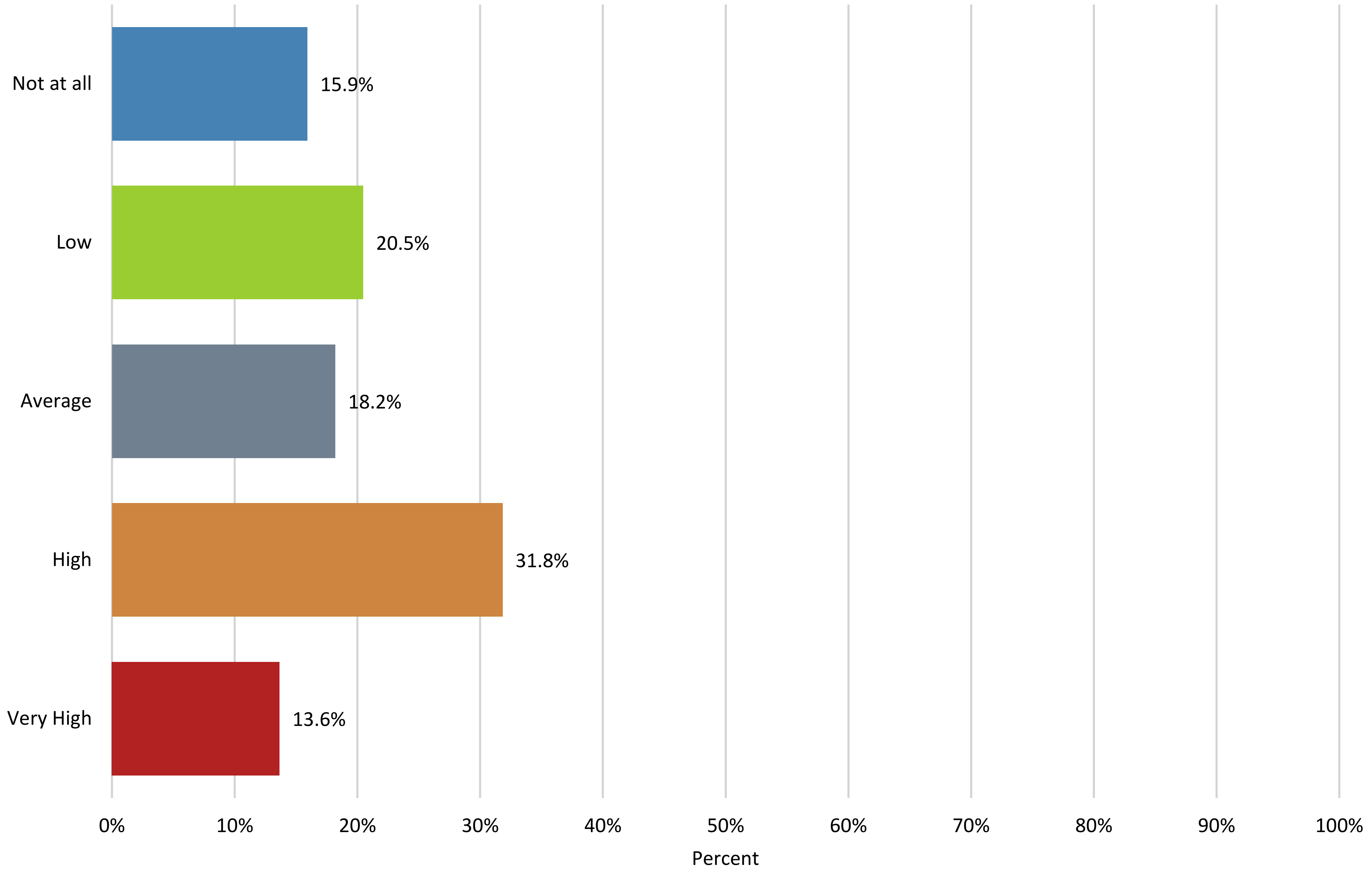
29. Sensor interface



29. Sensor interface

Name	Percent
Not at all	15.9%
Low	11.4%
Average	31.8%
High	31.8%
Very High	9.1%
N	44

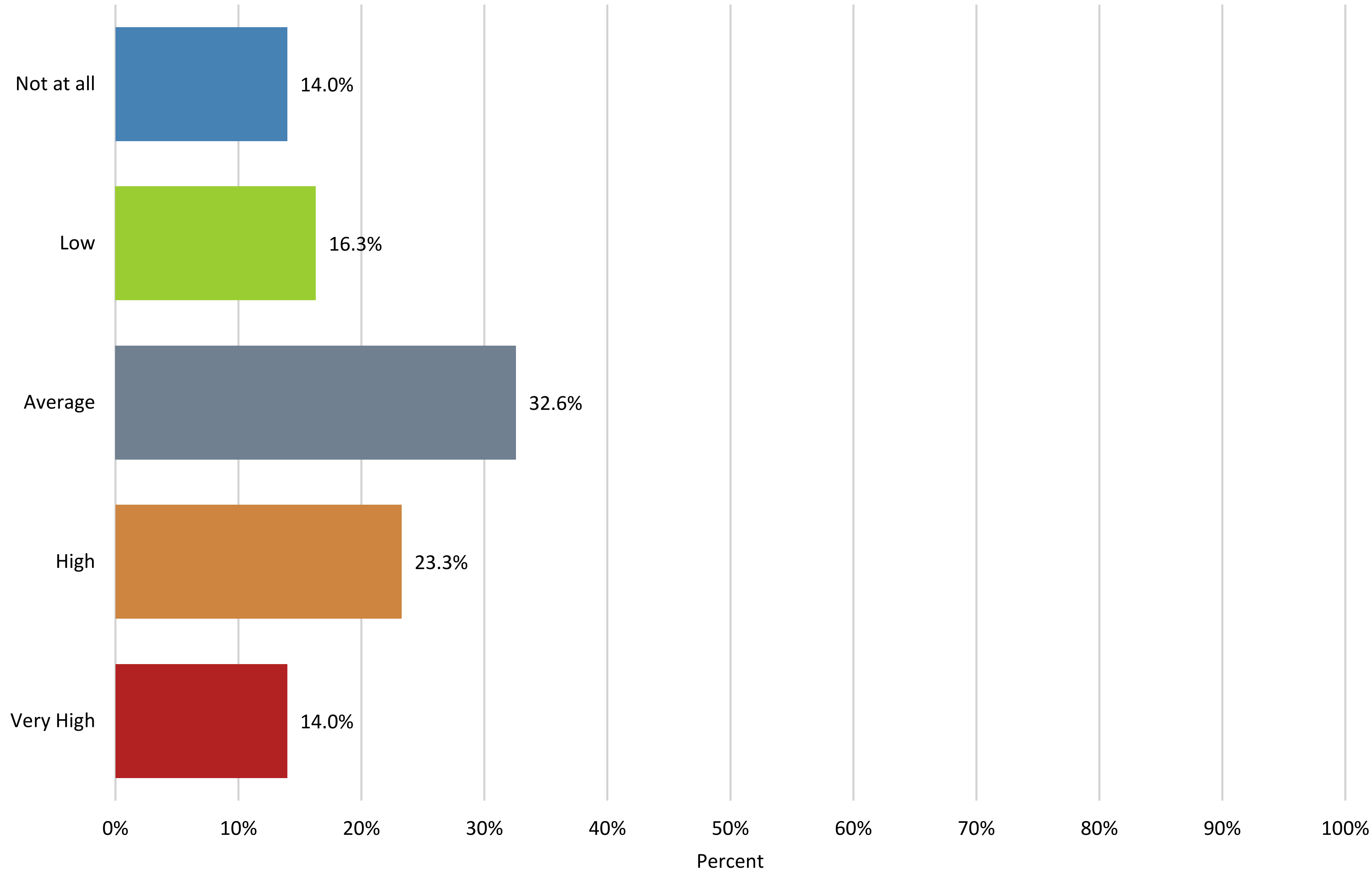
30. CAD for Microsystems



30. CAD for Microsystems

Name	Percent
Not at all	15.9%
Low	20.5%
Average	18.2%
High	31.8%
Very High	13.6%
N	44

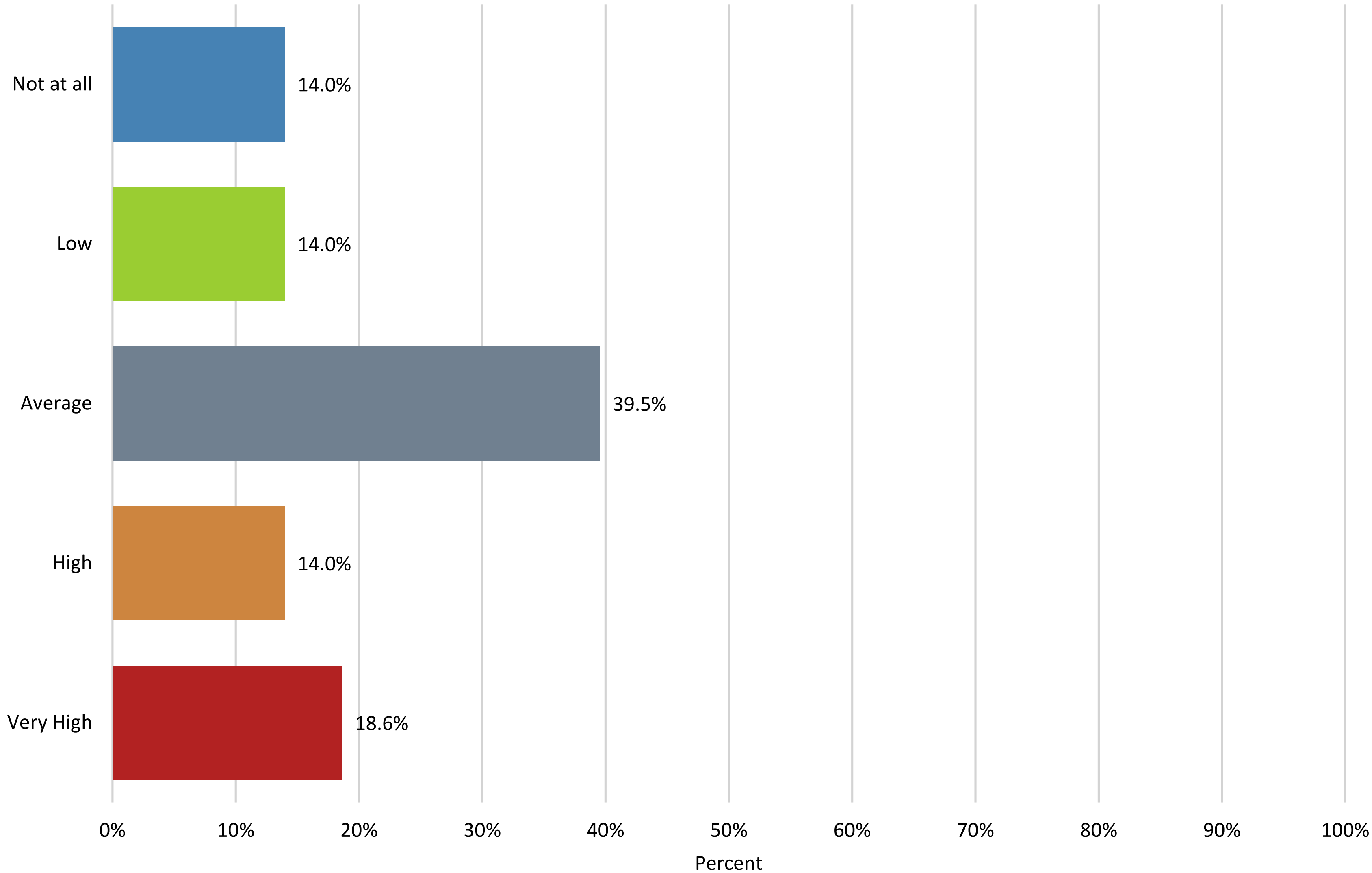
31. Nanoscale Elements for Electronics and Sensing: Design and Device Production



31. Nanoscale Elements for Electronics and Sensing: Design and Device Production

Name	Percent
Not at all	14.0%
Low	16.3%
Average	32.6%
High	23.3%
Very High	14.0%
N	43

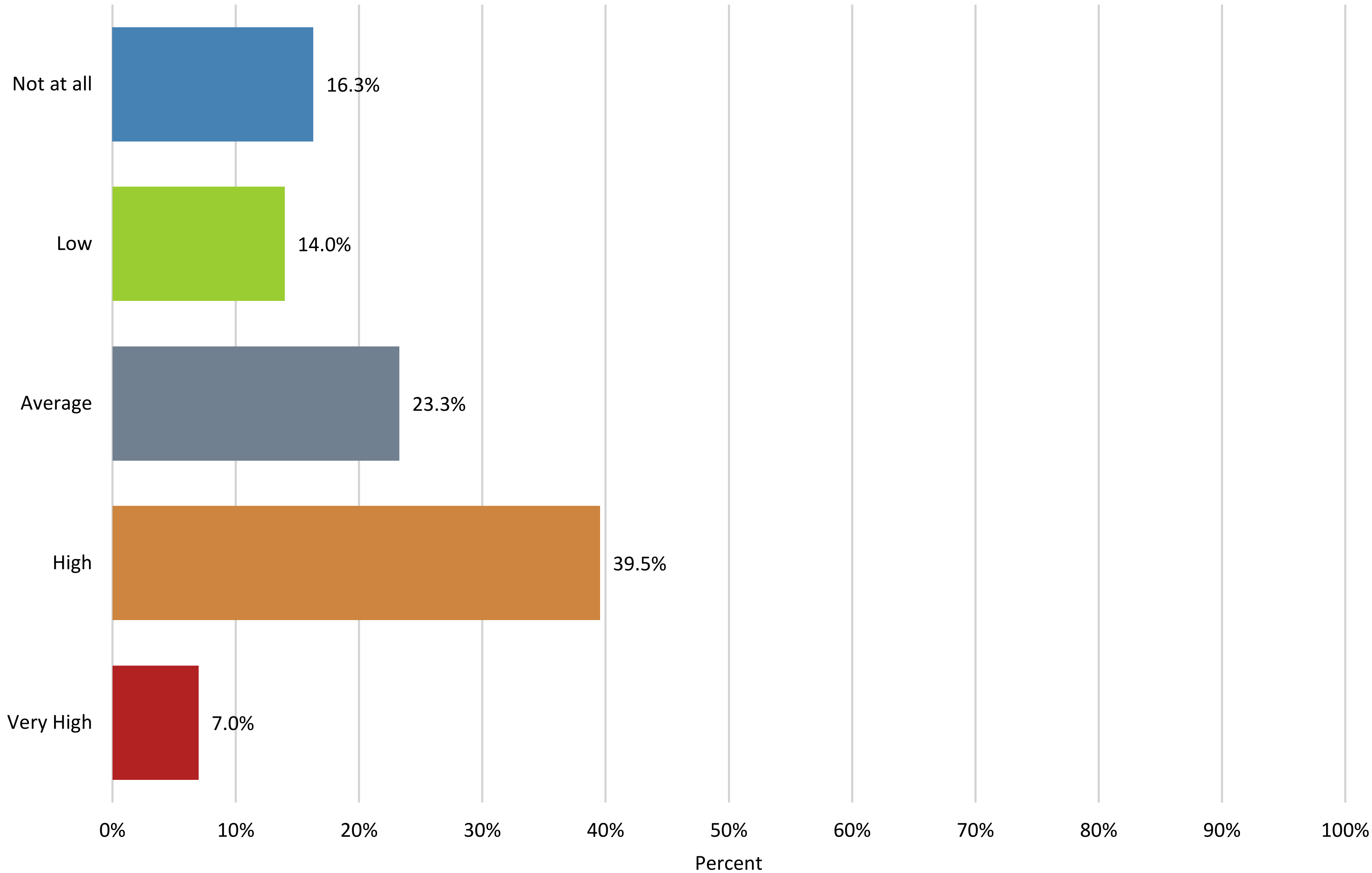
32. Nanoelectronics systems: future nanoelectronic devices and manufacturing processes



32. Nanoelectronics systems: future nanoelectronic devices and manufacturing processes

Name	Percent
Not at all	14.0%
Low	14.0%
Average	39.5%
High	14.0%
Very High	18.6%
N	43

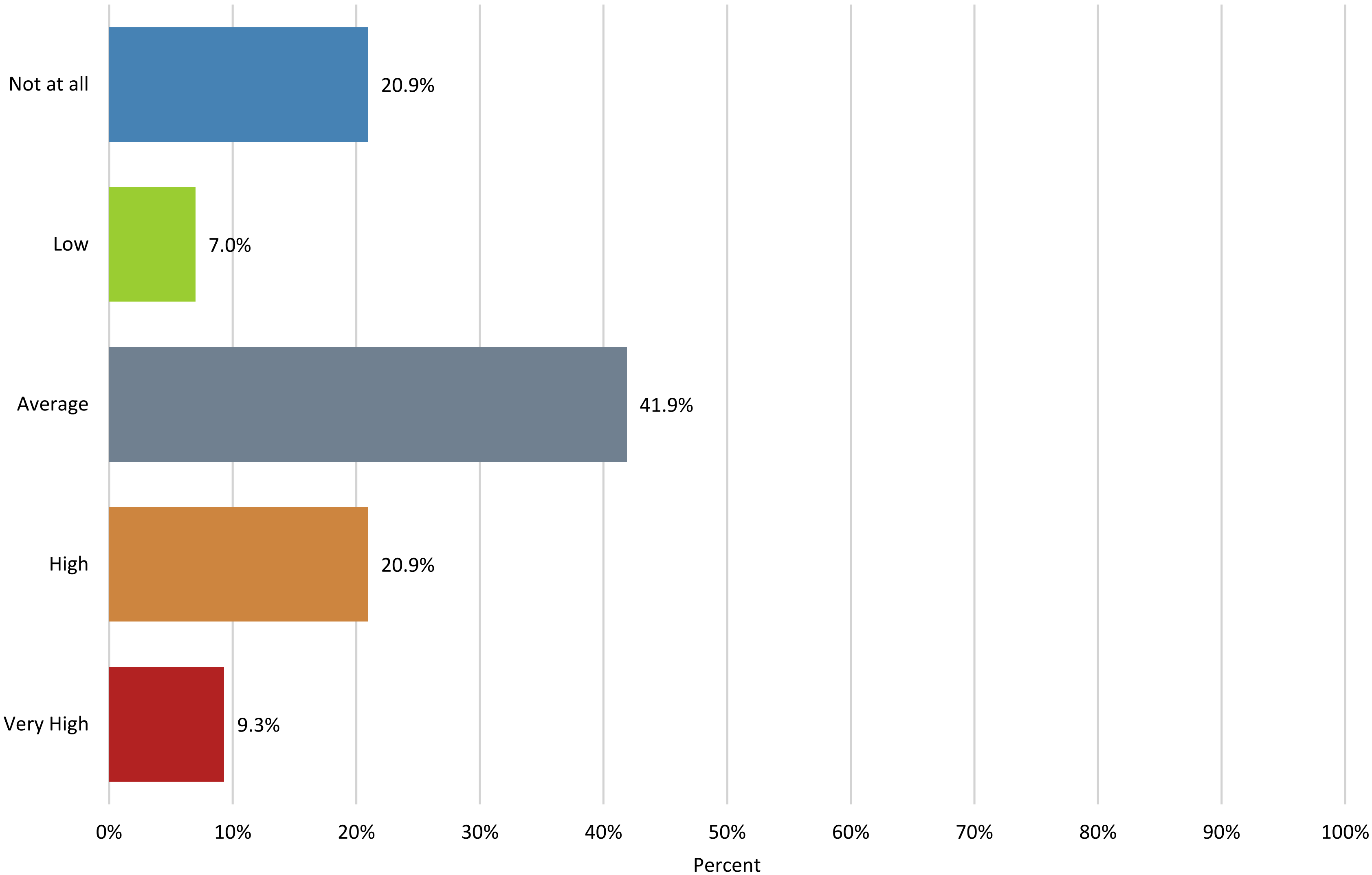
33. BioMolecular NanoComputing



33. BioMolecular NanoComputing

Name	Percent
Not at all	16.3%
Low	14.0%
Average	23.3%
High	39.5%
Very High	7.0%
N	43

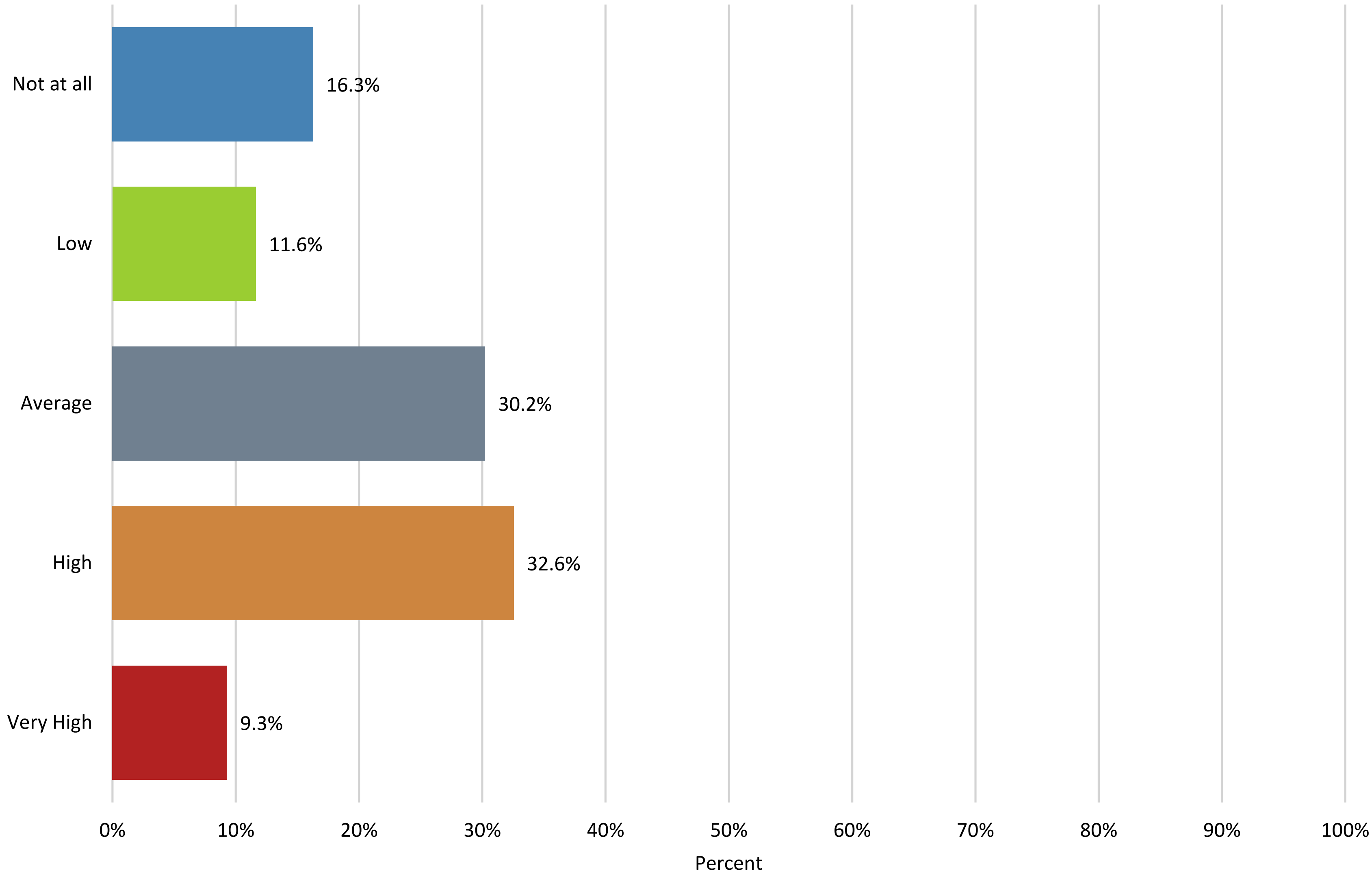
34. Memristor-based Neuromorphic Systems



34. Memristor-based Neuromorphic Systems

Name	Percent
Not at all	20.9%
Low	7.0%
Average	41.9%
High	20.9%
Very High	9.3%
N	43

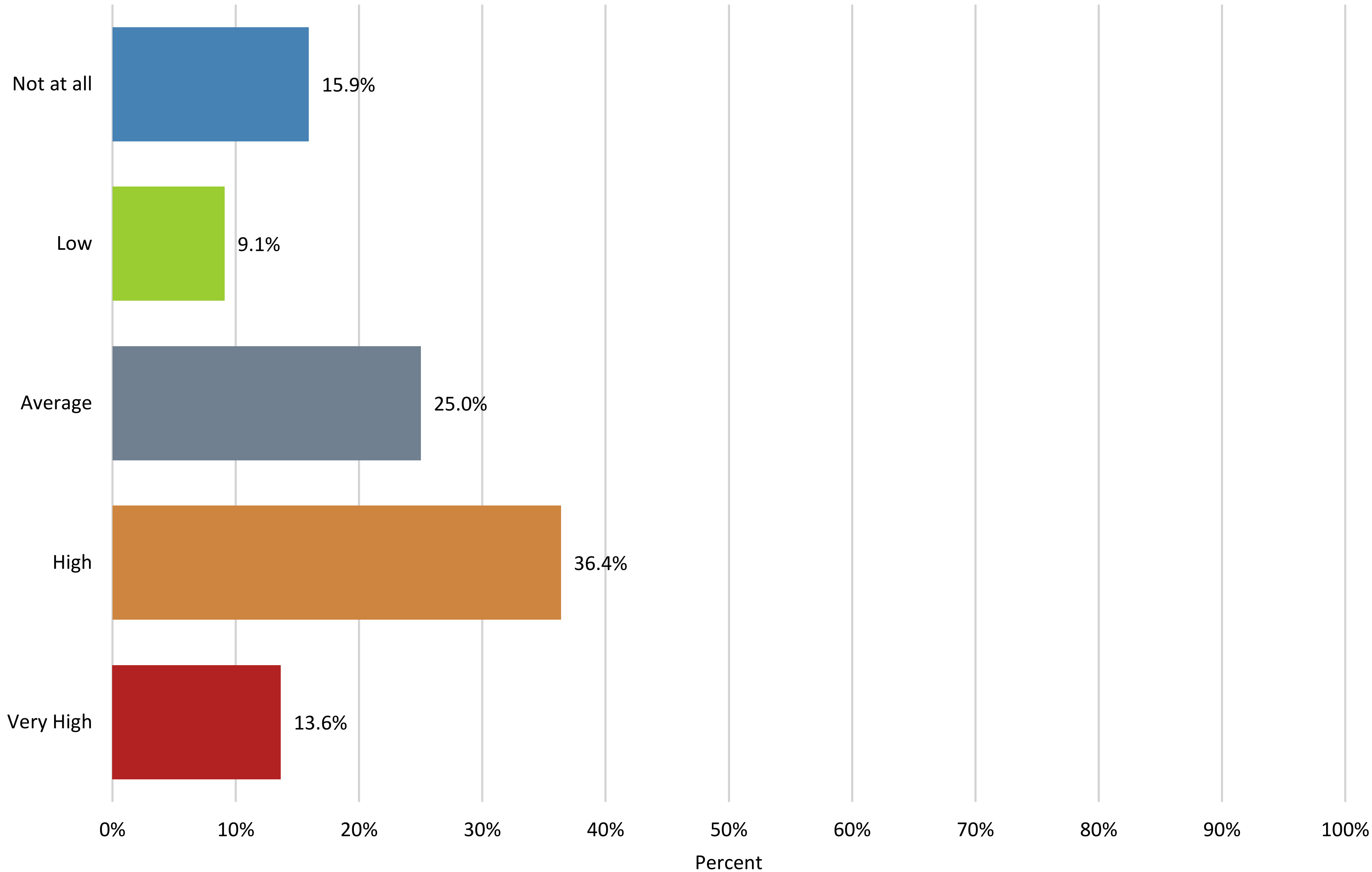
35. Bioelectronics



35. Bioelectronics

Name	Percent
Not at all	16.3%
Low	11.6%
Average	30.2%
High	32.6%
Very High	9.3%
N	43

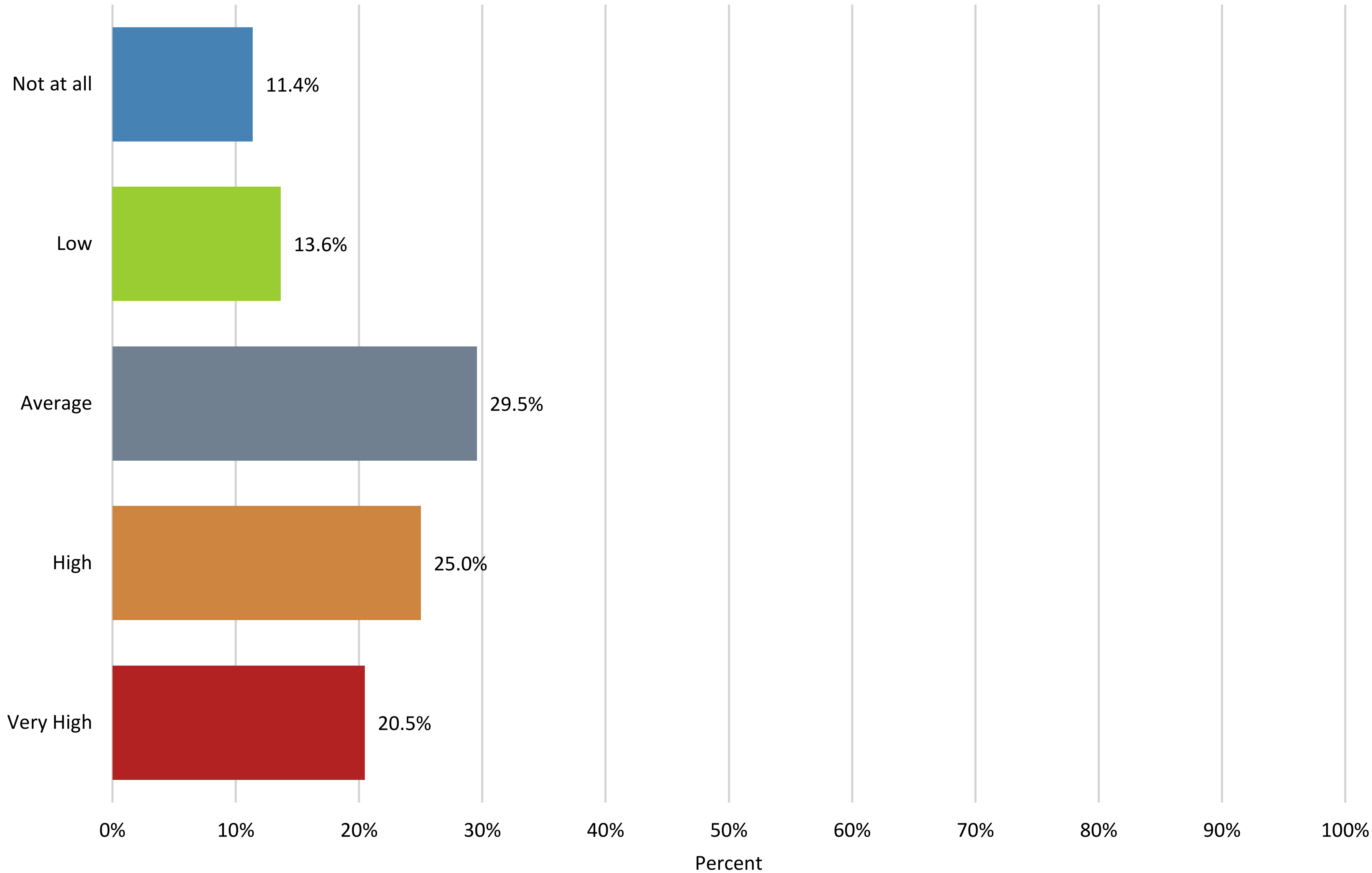
36. Nanoelectronics for ICT



36. Nanoelectronics for ICT

Name	Percent
Not at all	15.9%
Low	9.1%
Average	25.0%
High	36.4%
Very High	13.6%
N	44

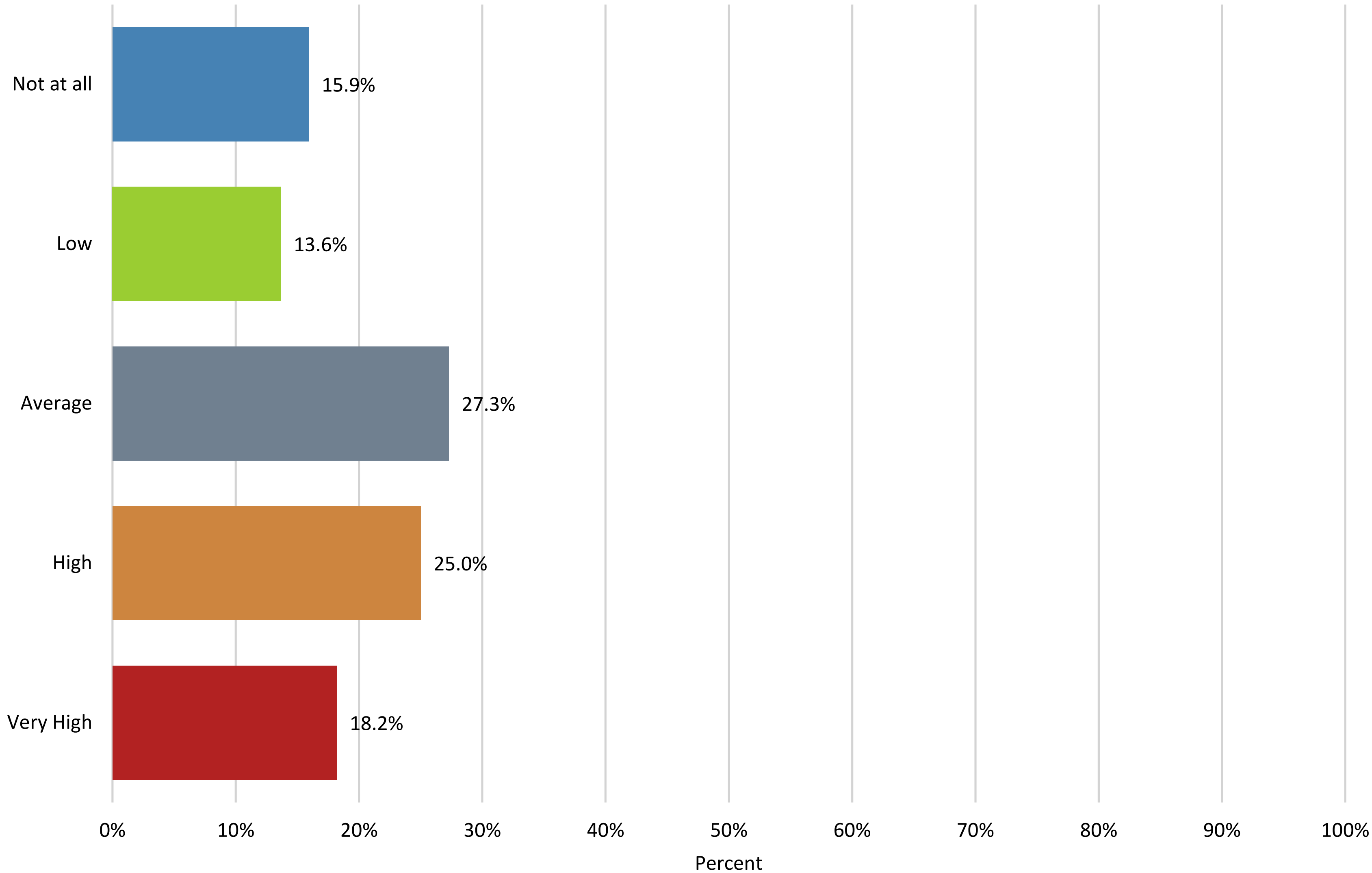
37. Nanotechnology for solar energy utilization



37. Nanotechnology for solar energy utilization

Name	**Percent**
Not at all	11.4%
Low	13.6%
Average	29.5%
High	25.0%
Very High	20.5%
N	44

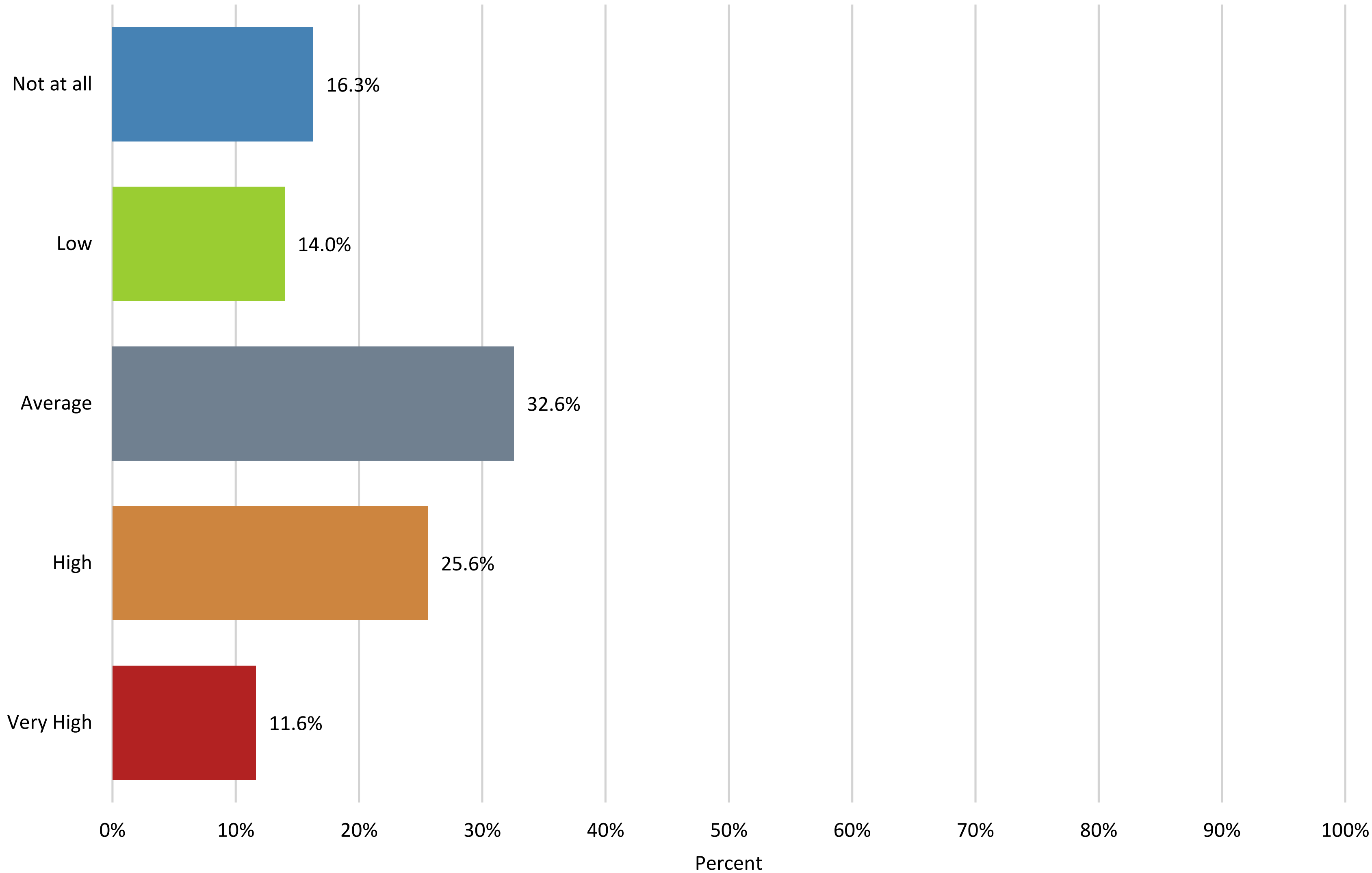
38. Advanced optoelectronic instrumentation & materials



38. Advanced optoelectronic instrumentation & materials

Name	Percent
Not at all	15.9%
Low	13.6%
Average	27.3%
High	25.0%
Very High	18.2%
N	44

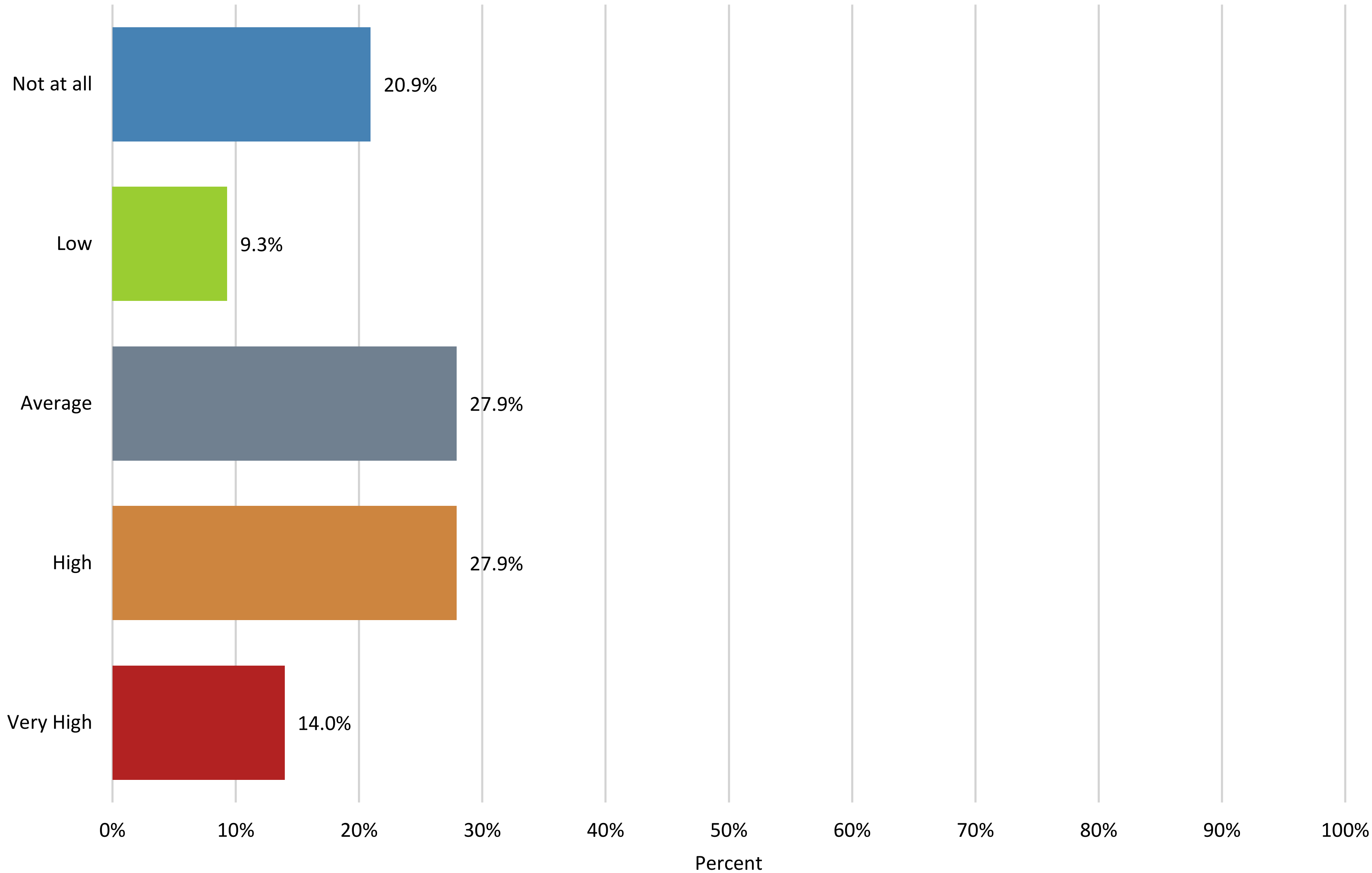
39. Socio-ethical and environmental aspects of nanotechnology/nanoelectronics



39. Socio-ethical and environmental aspects of nanotechnology/nanoelectronics

Name	Percent
Not at all	16.3%
Low	14.0%
Average	32.6%
High	25.6%
Very High	11.6%
N	43

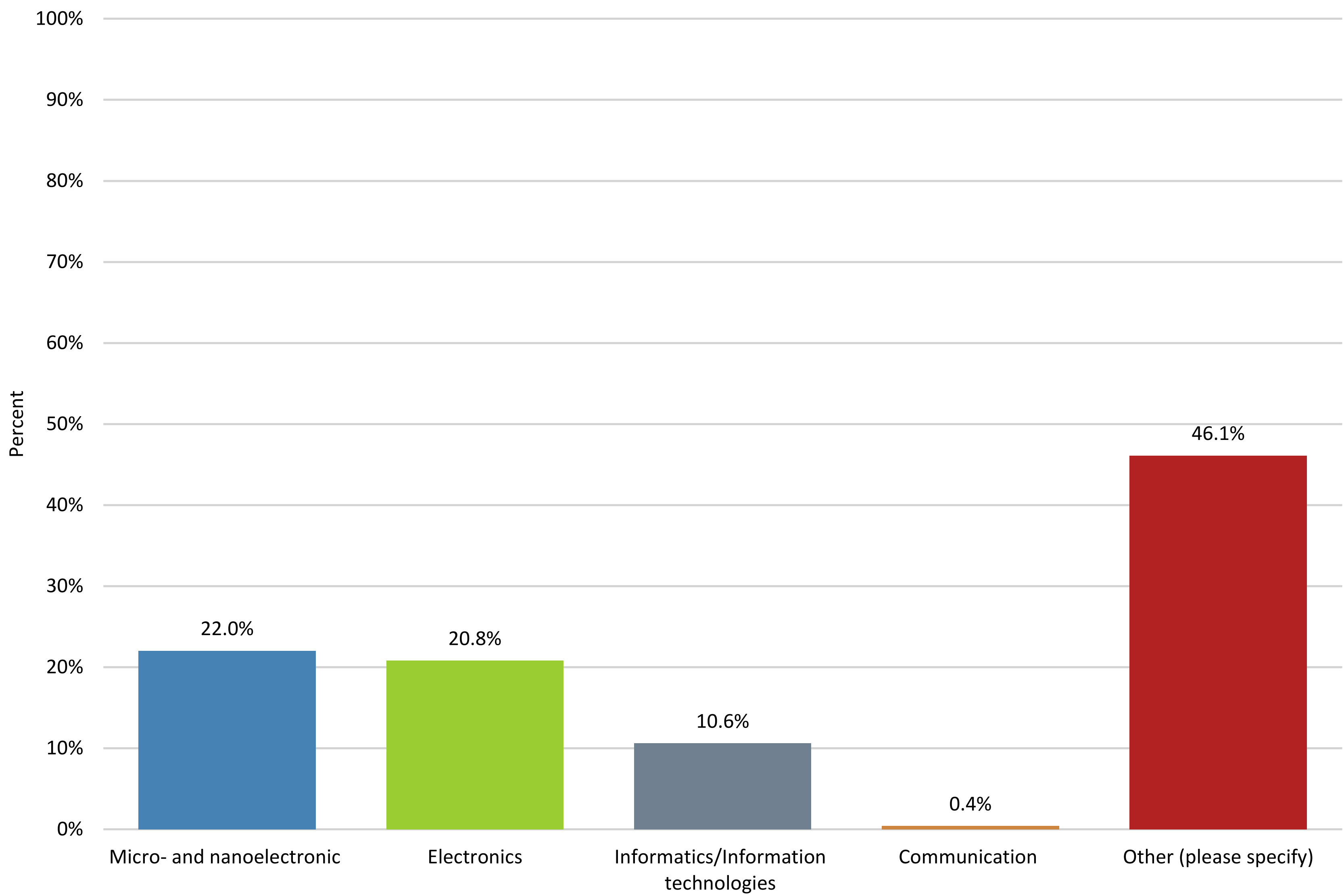
40. Nanoelectronics Systems: Present and Future Business and Manufacturing Systems



40. Nanoelectronics Systems: Present and Future Business and Manufacturing Systems

Name	Percent
Not at all	20.9%
Low	9.3%
Average	27.9%
High	27.9%
Very High	14.0%
N	43

1. What specialty are you studying?



1. What specialty are you studying?

Name	Count	Percent	Average
Micro- and nanoelectronic	54	22.0%	
Electronics	51	20.8%	
Informatics/Information technologies	26	10.6%	
Communication	1	0.4%	
Other (please specify)	113	46.1%	
N	245		1.80

1. What specialty are you studying?

Laser
Language
econimics
physics
Biotecnolgy
Nanophotonics and tissue engieering
Material science
Material science
material science
Hotel management
Physic
Materials
Materials
material science
Humanities
Computer engineering
Social Science
Nano composite coatings
Malay studies
material science
Materials Science
Material science

1. What specialty are you studying?

Material Science
materials science
Biology
Mechanical
Physics
Material science
physics
Engineering (material)
Physics
Physics
Petroleum Engineering
chemistry
Buomedical
Bio-electronic
Biomedical
Biomedical Engineering
Biomedical Engineering
Biomedical engineering
Computer Science
Geographical information System
Computer Science
Computer Science Engineering and Data Sciences

1. What specialty are you studying?

User Experience Design
Business Development
computer science
Computer Science
Computer Science
Computer Science
CSE
Computer Science
Computer science
Computer Science
BIOTECHNOLOGY
Computer Sciences
Computer Science and Engineering
COmputer Science Engineering
Computer science
Cyber Security
Computer Science and Engineering
GIS
Computer Science Engineering
computer science
Computer Science
Computer Science and Engineering

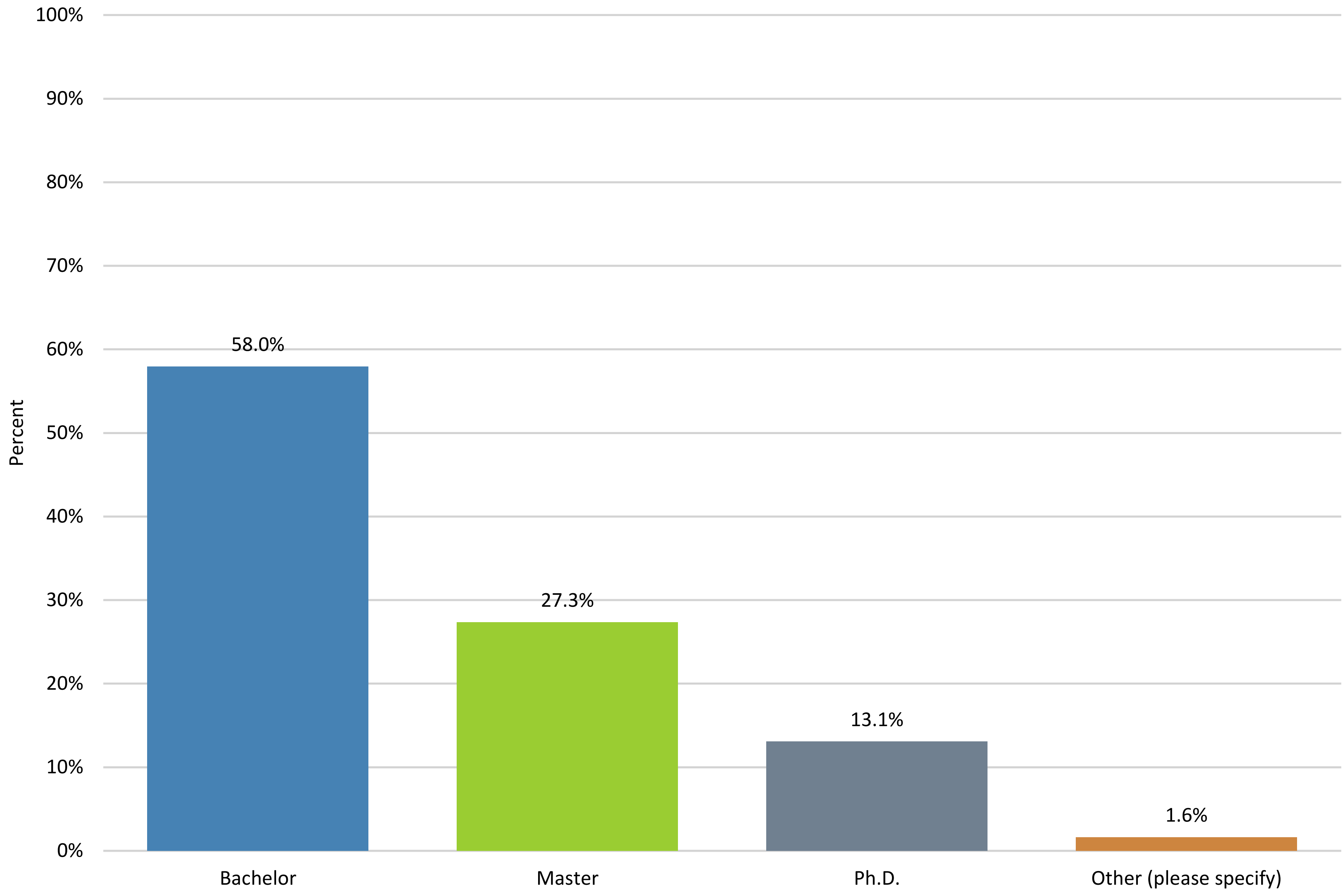
1. What specialty are you studying?

Computer science and engineering
Computer Science
Computer Science and Engineering
Computer Science and Engineering
Computer Science
Computer Science
Computer Science
electrochemistry
catalysis, water splitting
GIS
Computer Science
Computer Science
Computer Science
Biotechnology
Computer Science and Engineering
Science Physics
Polymer physics
Physics
Civil engineering
Chemistry
Industrial chemistry
Chemical

1. What specialty are you studying?

Chemistry
Chemical Engineering
Biomedical engineering
physical chemistry
physical chemistry
materials
physical chemistry
Physical chemistry (photocatalysis)
nanomaterials
optics
condensed matter physics
nanobiology
nanoscience and technology
chemistry

2. At what educational level is your study?



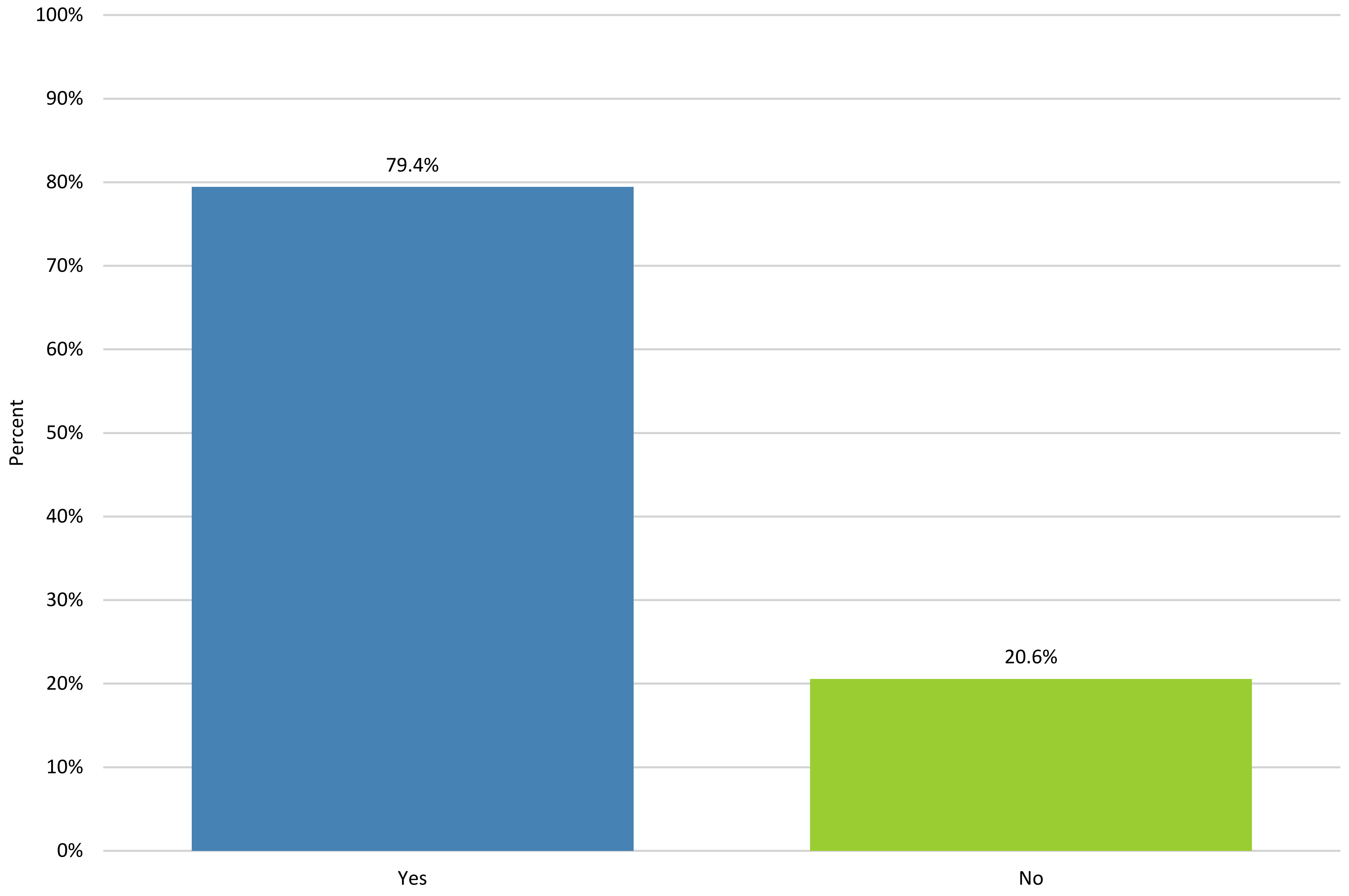
2. At what educational level is your study?

Name	Count	Percent	Average
Bachelor	142	58.0%	
Master	67	27.3%	
Ph.D.	32	13.1%	
Other (please specify)	4	1.6%	
N	245		1.54

2. At what educational level is your study?

Diploma
American transfer degree
M.phil
Degree

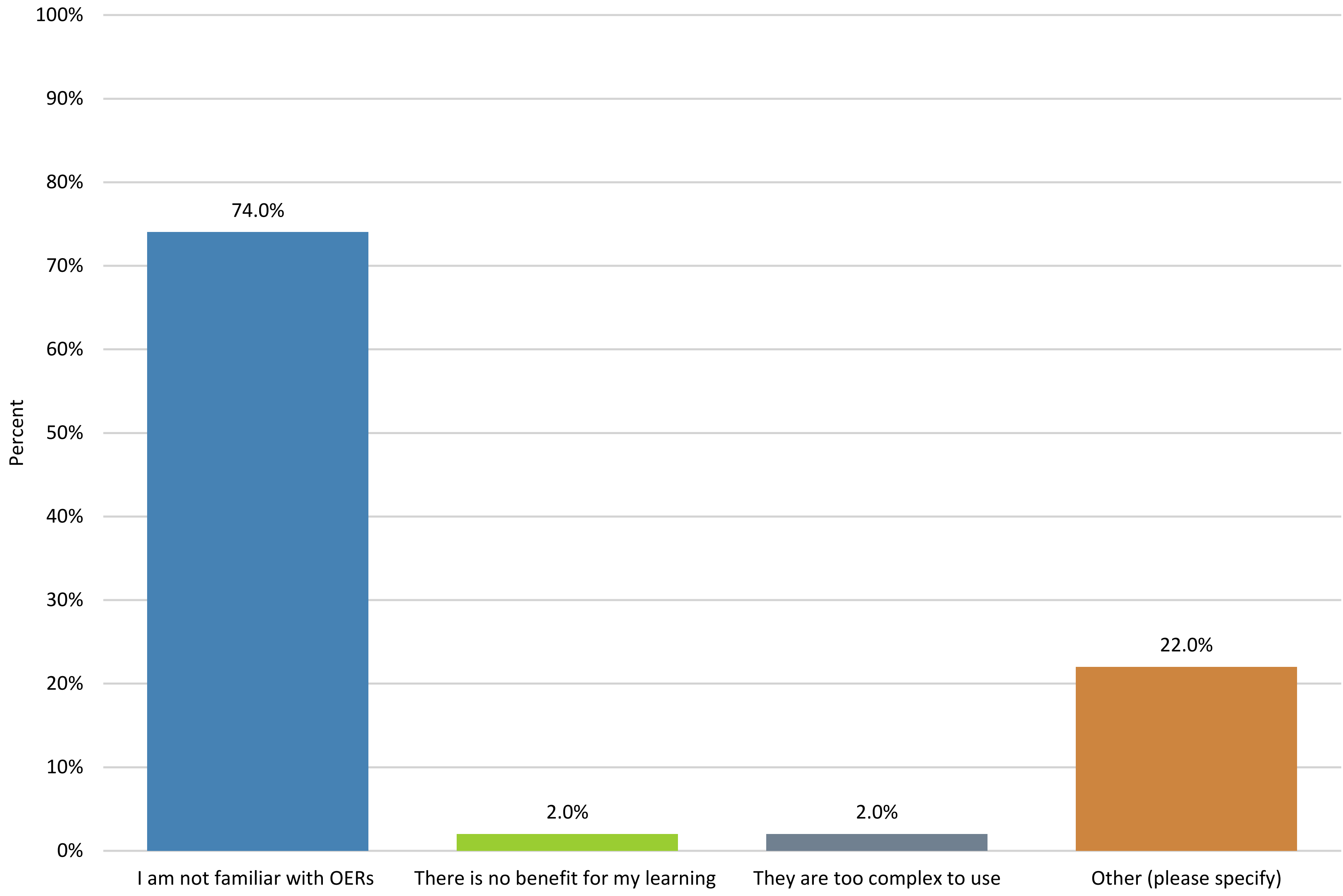
3. Is e-learning materials/Open Educational Resources (OERs) used in your study programme?



3. Is e-learning materials/Open Educational Resources (OERs) used in your study programme?

Name	Count	Percent	Average
Yes	193	79.4%	
No	50	20.6%	
N	243		1.21

4. If not, why?


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Percent
74.0%
2.0%
2.0%
22.0%
I am not familiar with OERs
There is no benefit for my learning
They are too complex to use
Other (please specify)

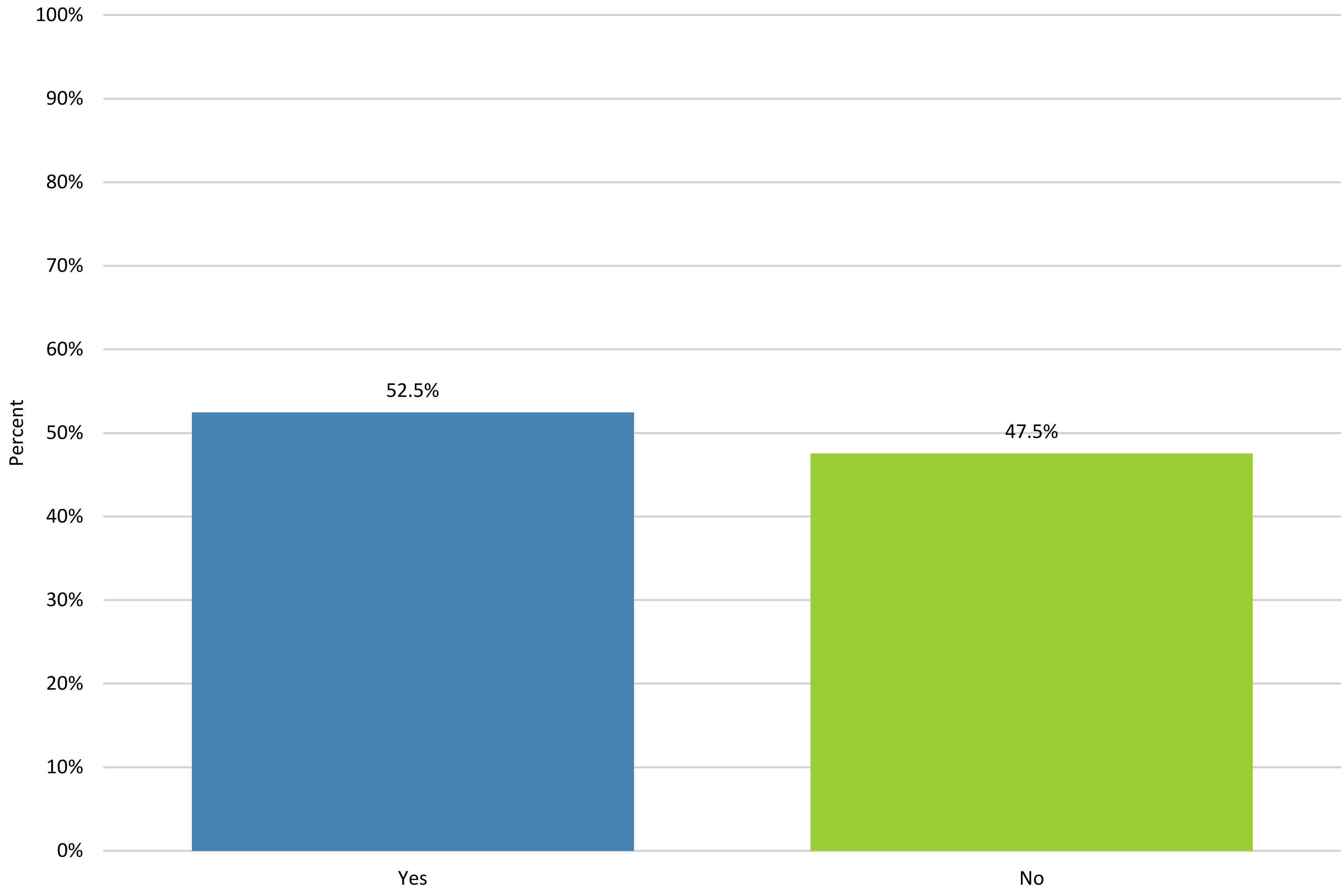
4. If not, why?

Name	Count	Percent	Average
I am not familiar with OERs	37	74.0%	
There is no benefit for my learning	1	2.0%	
They are too complex to use	1	2.0%	
Other (please specify)	11	22.0%	
N	50		1.08

4. If not, why?

Not use in my study
do not have in my program course
They are not in the program list
Because they didnt do it ?
not available
University does not support
Using at individual level
Not there
Takes more time to understand.
does not include in my programme
Not introduced

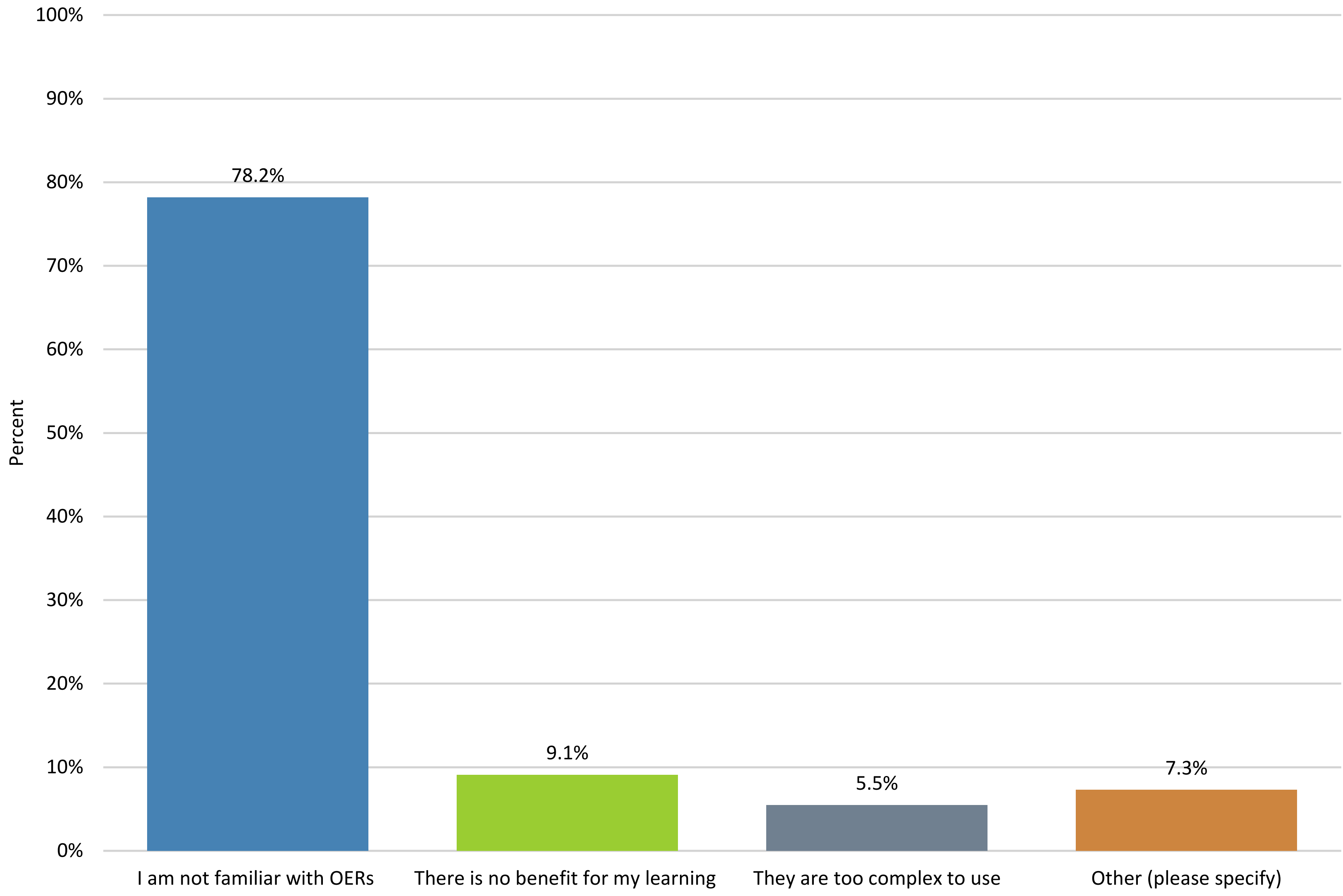
5. Are you using e-learning materials/OERs from other institutions?



5. Are you using e-learning materials/OERs from other institutions?

Name	Count	Percent	Average
Yes	128	52.5%	
No	116	47.5%	
N	244		1.48

6. If not, why?


100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Percent
78.2%
9.1%
5.5%
7.3%
I am not familiar with OERs
There is no benefit for my learning
They are too complex to use
Other (please specify)

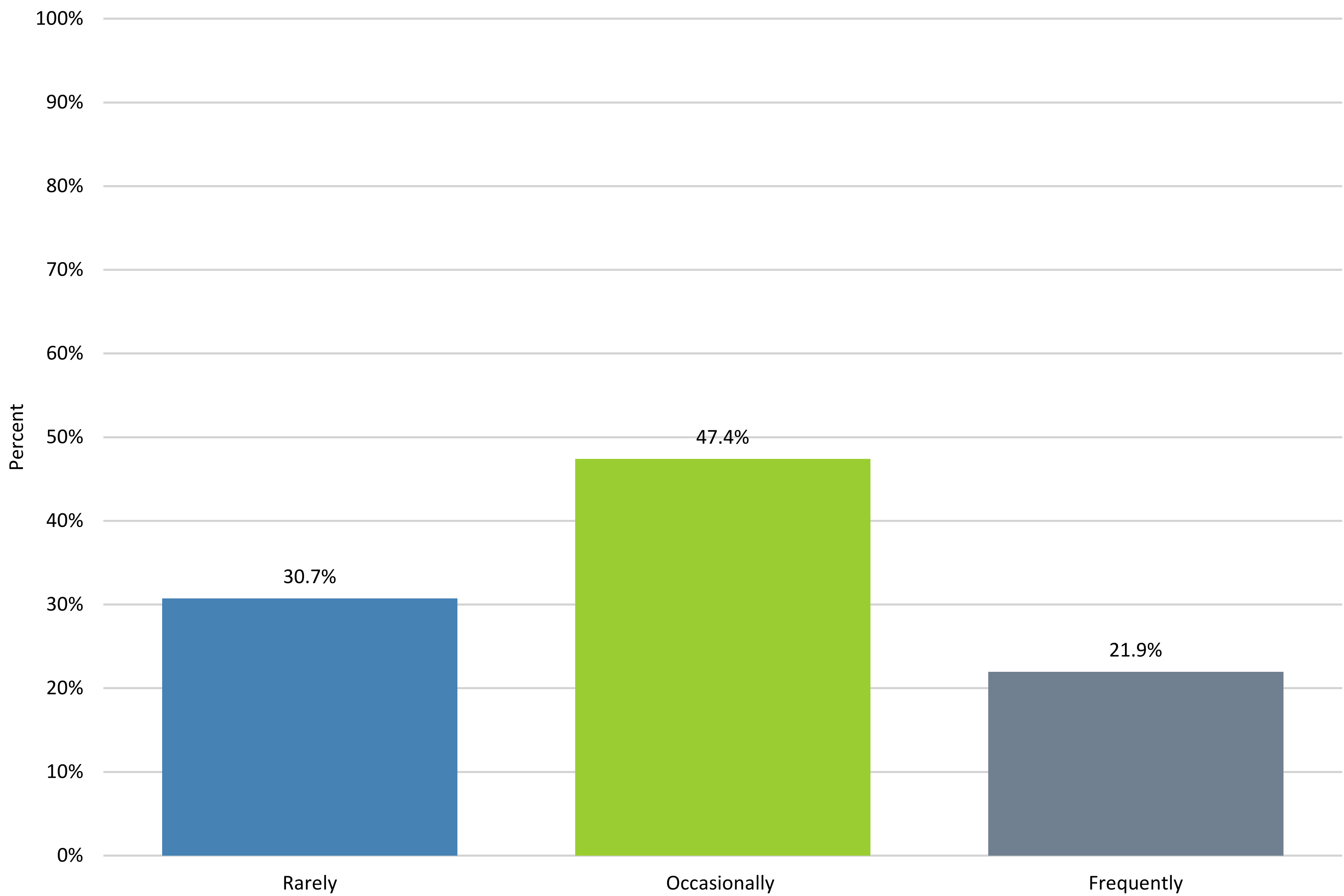
6. If not, why?

Name	Count	Percent	Average
I am not familiar with OERs	86	78.2%	
There is no benefit for my learning	10	9.1%	
They are too complex to use	6	5.5%	
Other (please specify)	8	7.3%	
N	110		1.22

6. If not, why?

No access
Not use in my study
not part at the progaram
E-learning from university is enough
Not requested during the semester
No access
I use them, but rarely

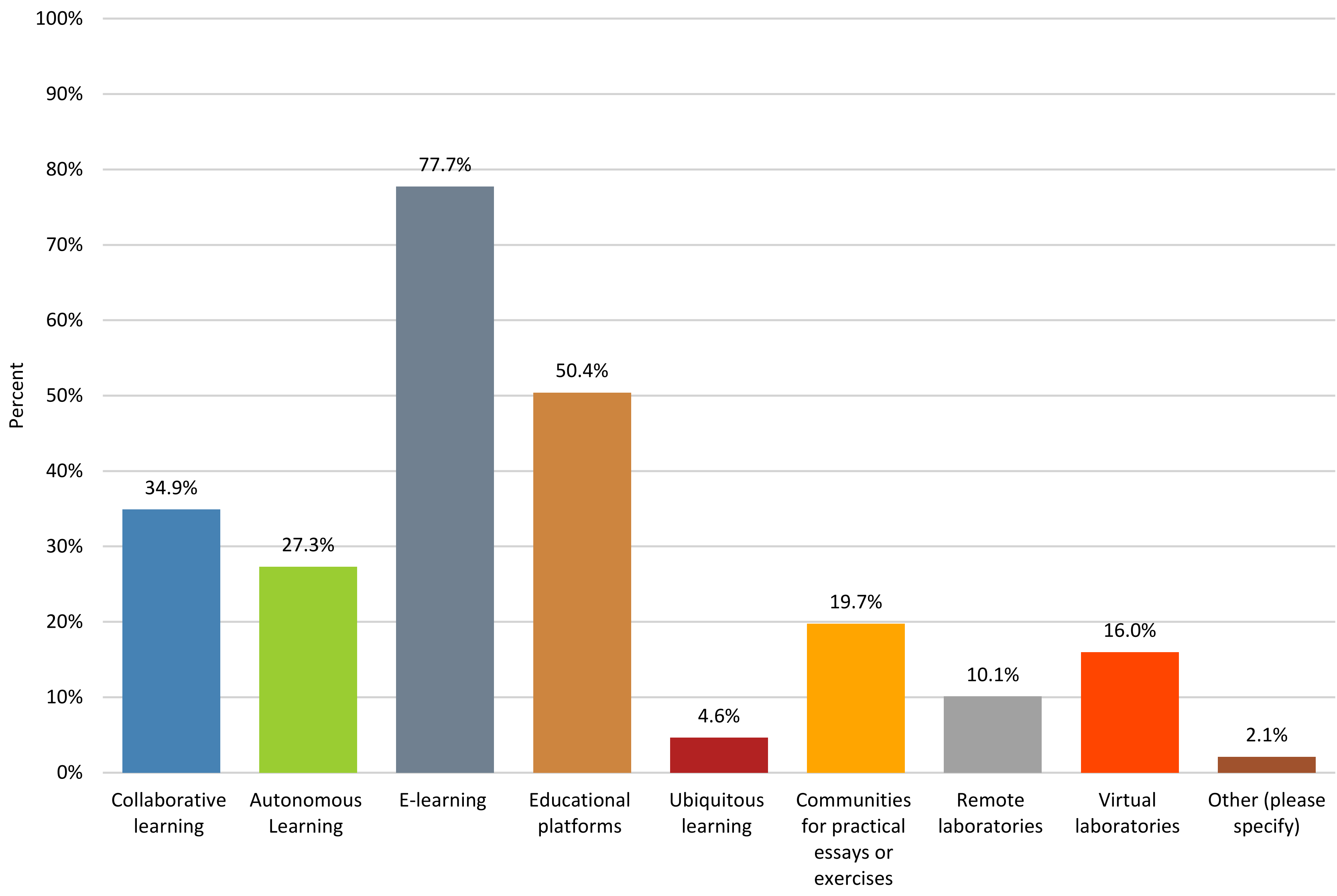
7. In case of using OERs, how often do you use them?



7. In case of using OERs, how often do you use them?

Name	Count	Percent	Average
Rarely	70	30.7%	
Occasionally	108	47.4%	
Frequently	50	21.9%	
N	228		1.91

8. For what learning activities do you use OERs? (more than one answer is possible)



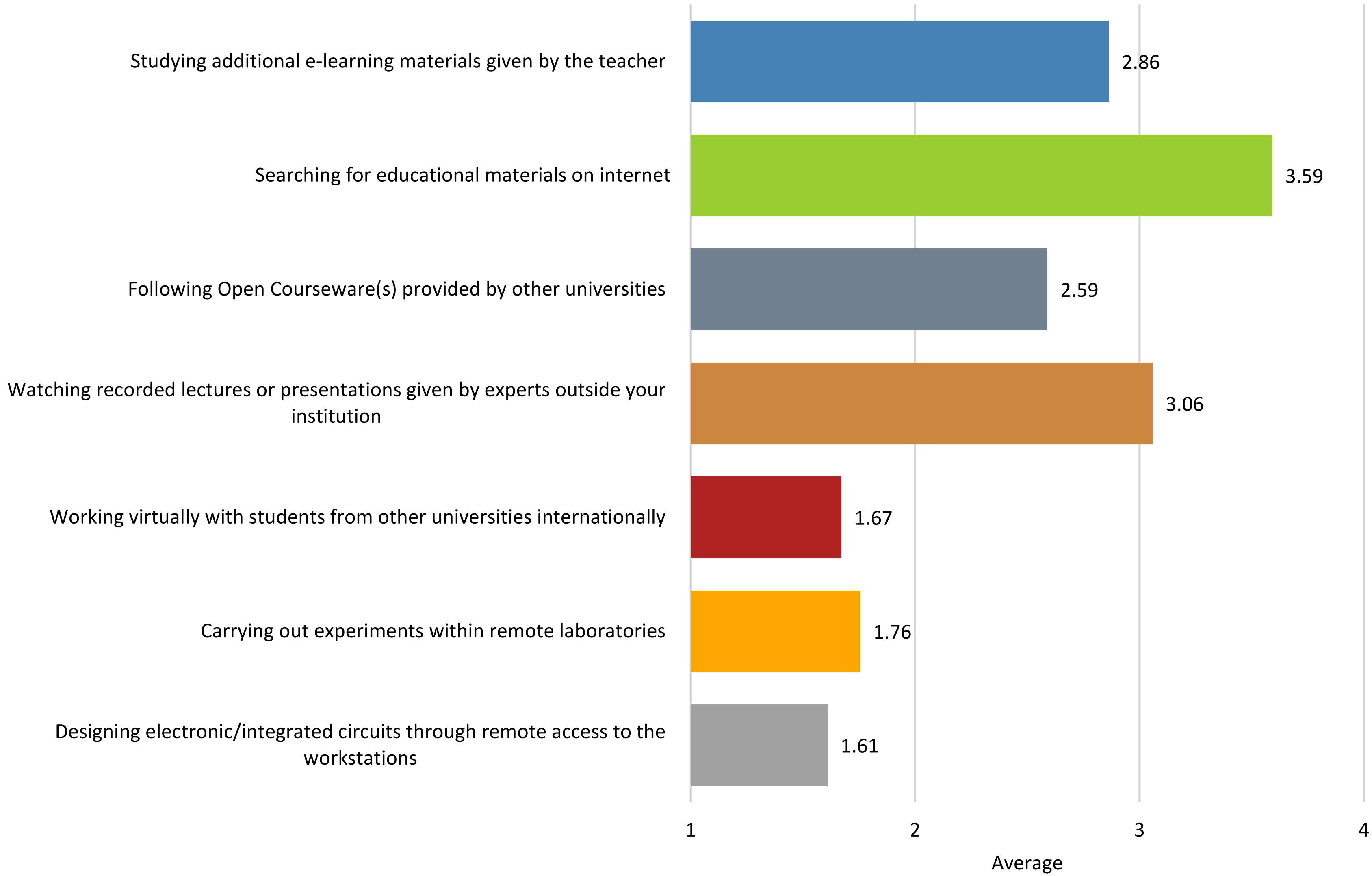
8. For what learning activities do you use OERs? (more than one answer is possible)

Name	Count	Percent	Average
Collaborative learning	83	34.9%	
Autonomous Learning	65	27.3%	
E-learning	185	77.7%	
Educational platforms	120	50.4%	
Ubiquitous learning	11	4.6%	
Communities for practical essays or exercises	47	19.7%	
Remote laboratories	24	10.1%	
Virtual laboratories	38	16.0%	
Other (please specify)	5	2.1%	
N	238		3.59

8. For what learning activities do you use OERs? (more than one answer is possible)

To answer tutorial questions
Khan Academy

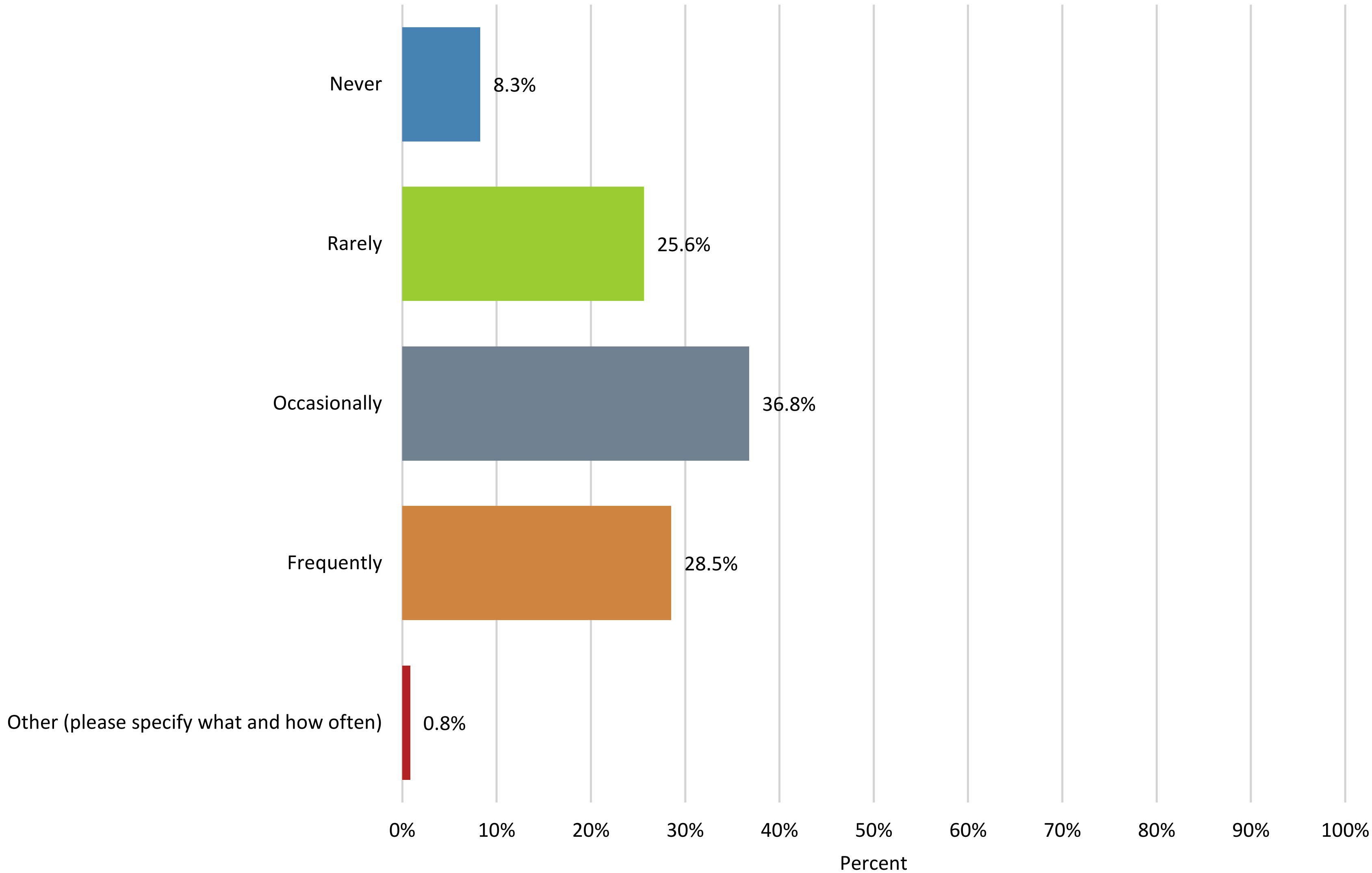
9. How often have you been participating in the following learning activities in the past?



9. How often have you been participating in the following learning activities in the past?

	Never	Rarely	Occasionally	Frequently	Other (please specify what and how often)	Average	N
Studying additional e-learning materials given by the teacher	20	62	89	69	2	2.86	242
Searching for educational materials on internet	4	15	57	166	2	3.59	244
Following Open Courseware(s) provided by other universities	38	74	81	50	1	2.59	244
Watching recorded lectures or presentations given by experts outside your institution	8	57	90	87	1	3.06	243
Working virtually with students from other universities internationally	129	74	31	9	0	1.67	243
Carrying out experiments within remote laboratories	128	57	43	13	0	1.76	241
Designing	146	57	29	11	0	1.61	243

10. Studying additional e-learning materials given by the teacher



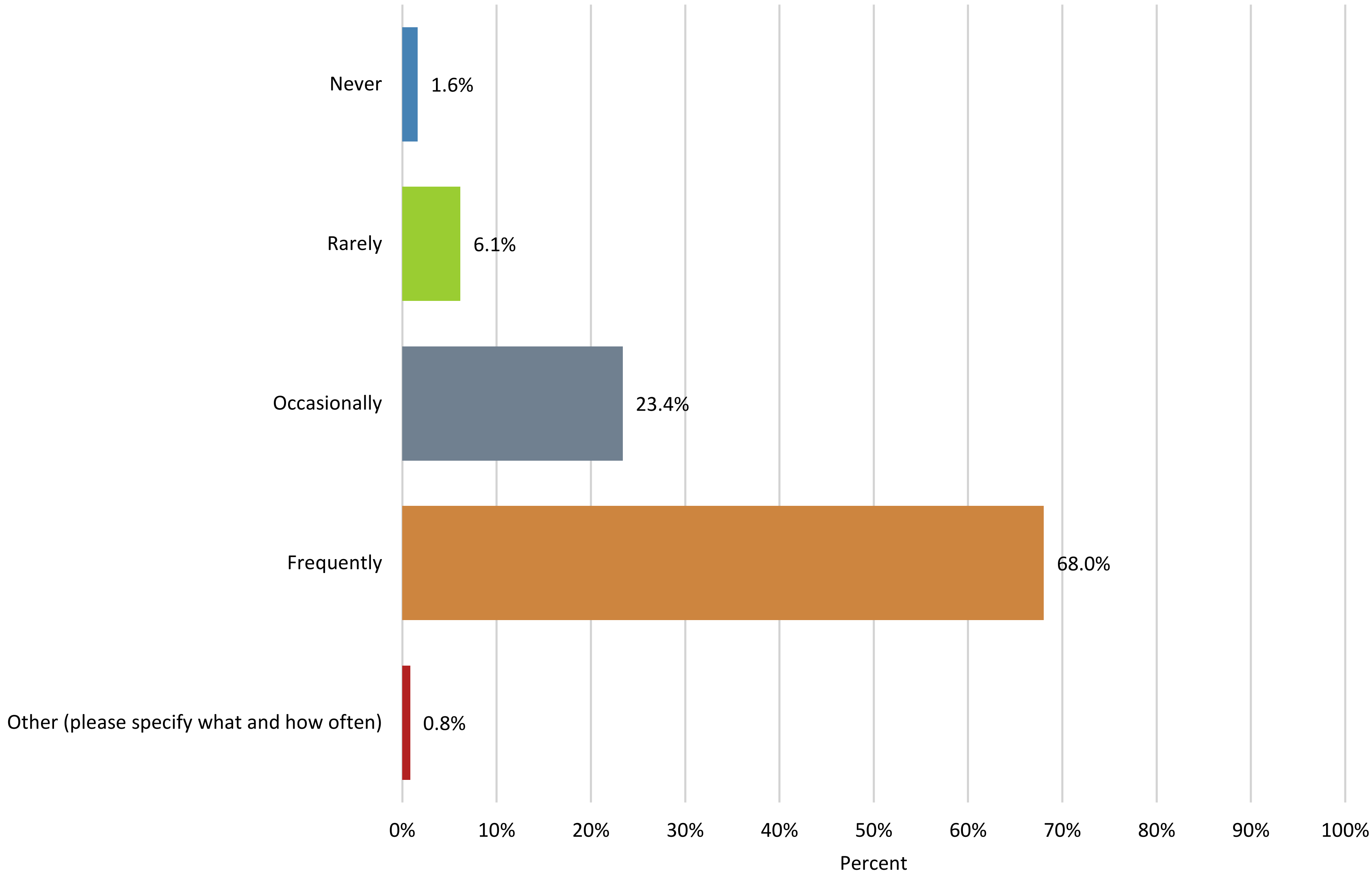
10. Studying additional e-learning materials given by the teacher

Name	Count	Percent	Average
Never	20	8.3%	
Rarely	62	25.6%	
Occasionally	89	36.8%	
Frequently	69	28.5%	
Other (please specify what and how often)	2	0.8%	
N	242		2.86

10. Studying additional e-learning materials given by the teacher

-
Frequently in undergraduate studies

11. Searching for educational materials on internet



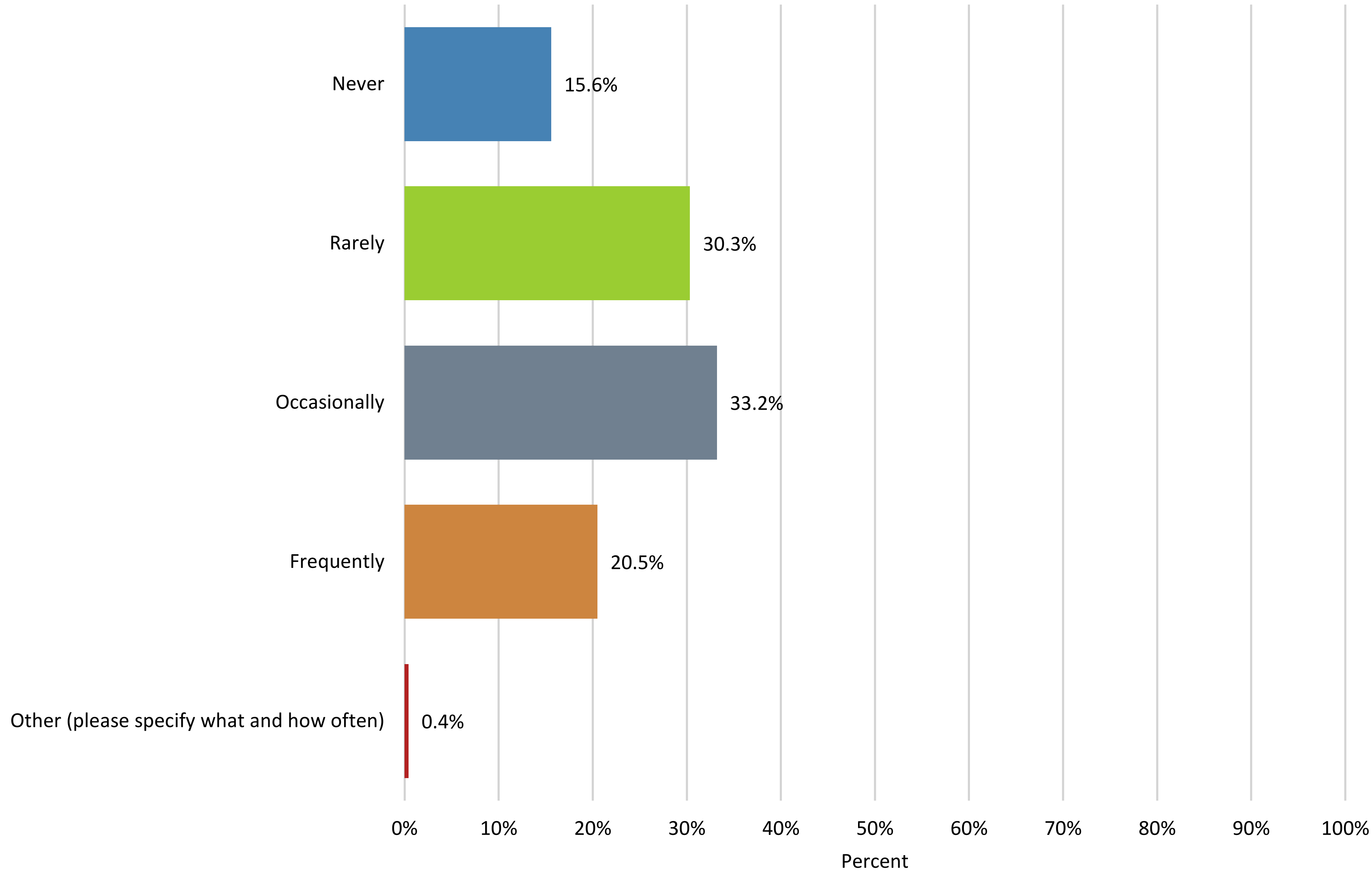
11. Searching for educational materials on internet

Name	Count	Percent	Average
Never	4	1.6%	
Rarely	15	6.1%	
Occasionally	57	23.4%	
Frequently	166	68.0%	
Other (please specify what and how often)	2	0.8%	
N	244		3.59

11. Searching for educational materials on internet

once a day

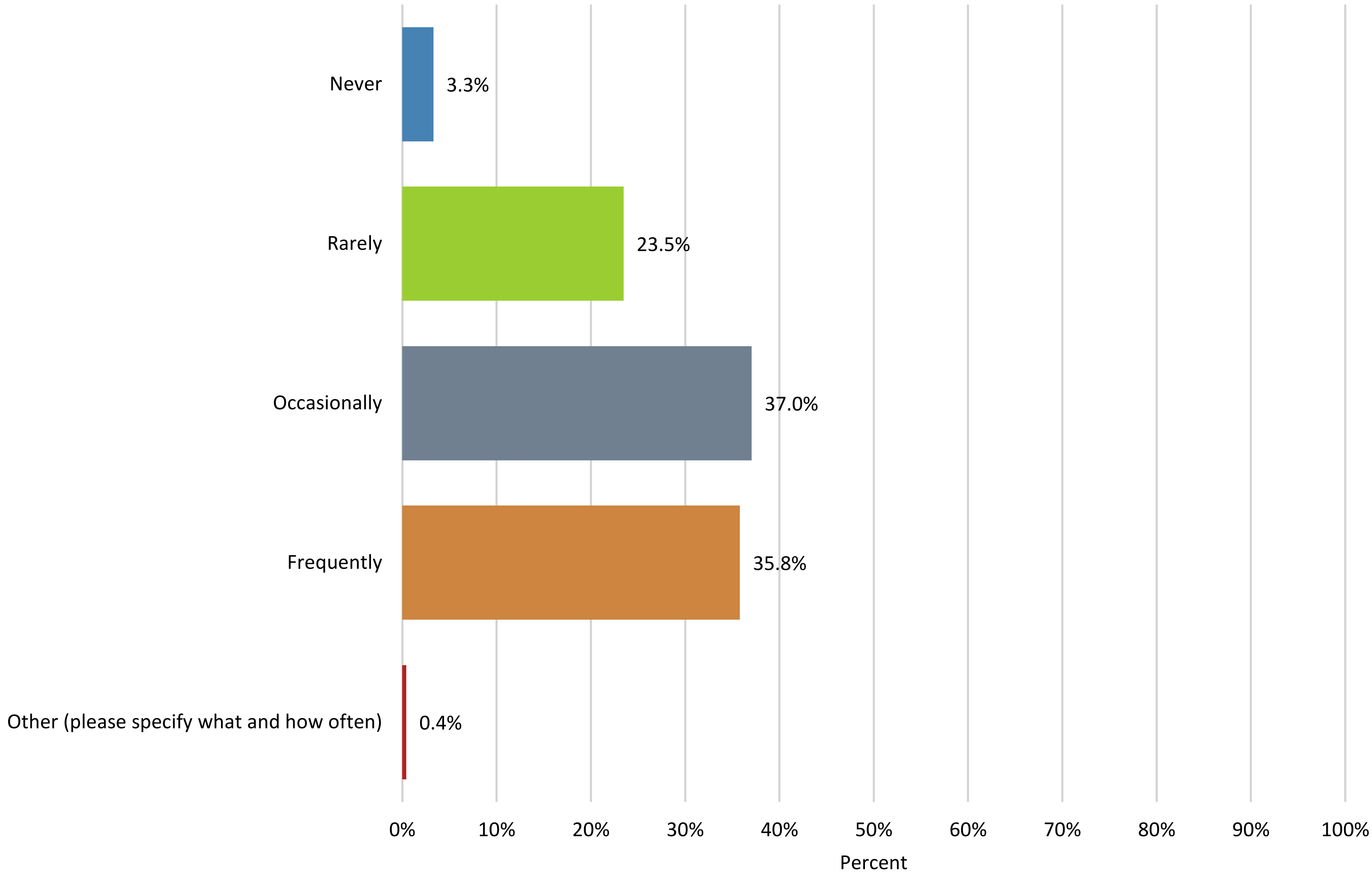
12. Following Open Courseware(s) provided by other universities



12. Following Open Courseware(s) provided by other universities

Name	Count	Percent	Average
Never	38	15.6%	
Rarely	74	30.3%	
Occasionally	81	33.2%	
Frequently	50	20.5%	
Other (please specify what and how often)	1	0.4%	
N	244		2.59

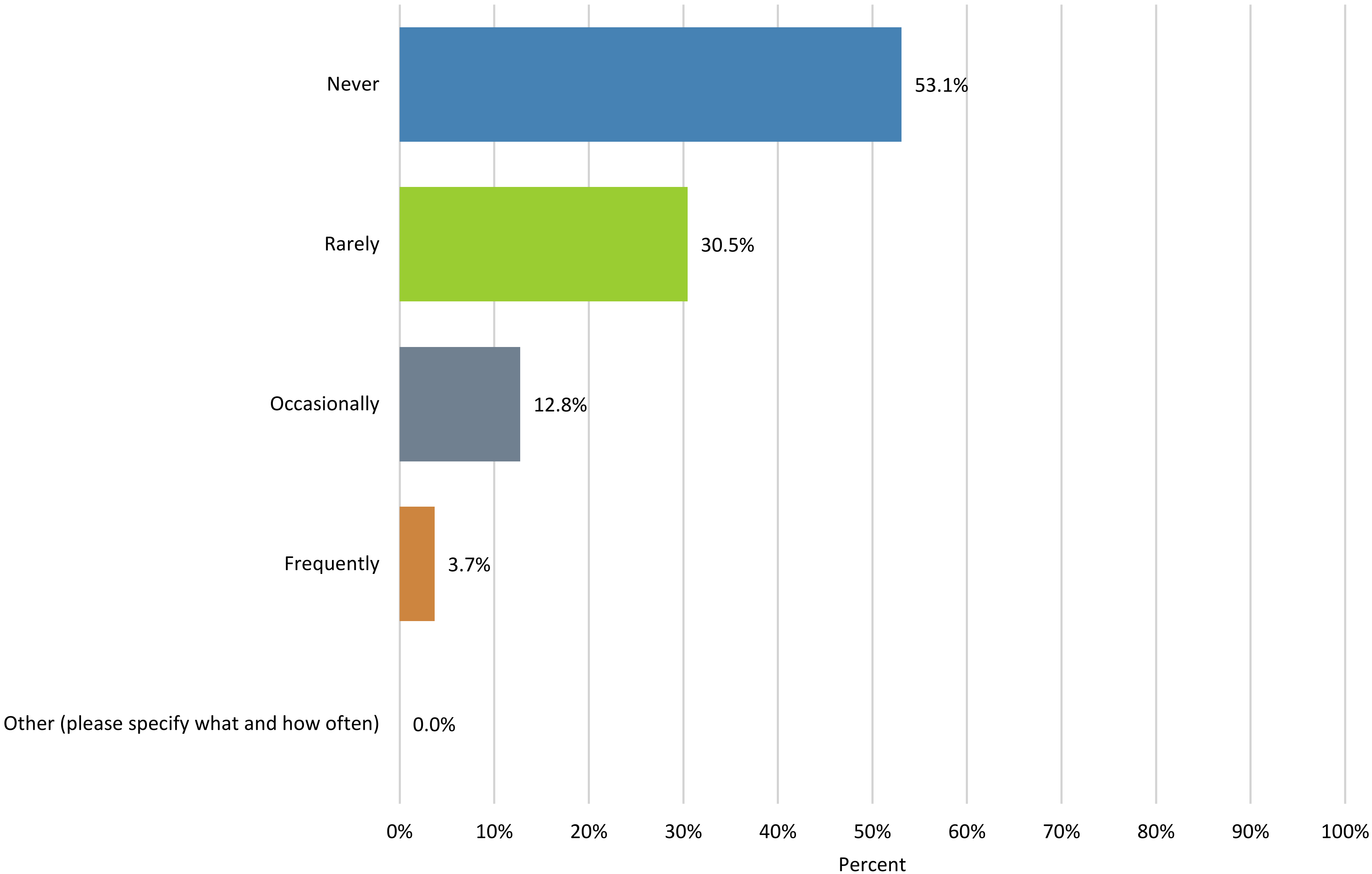
13. Watching recorded lectures or presentations given by experts outside your institution



13. Watching recorded lectures or presentations given by experts outside your institution

Name	Count	Percent	Average
Never	8	3.3%	
Rarely	57	23.5%	
Occasionally	90	37.0%	
Frequently	87	35.8%	
Other (please specify what and how often)	1	0.4%	
N	243		3.06

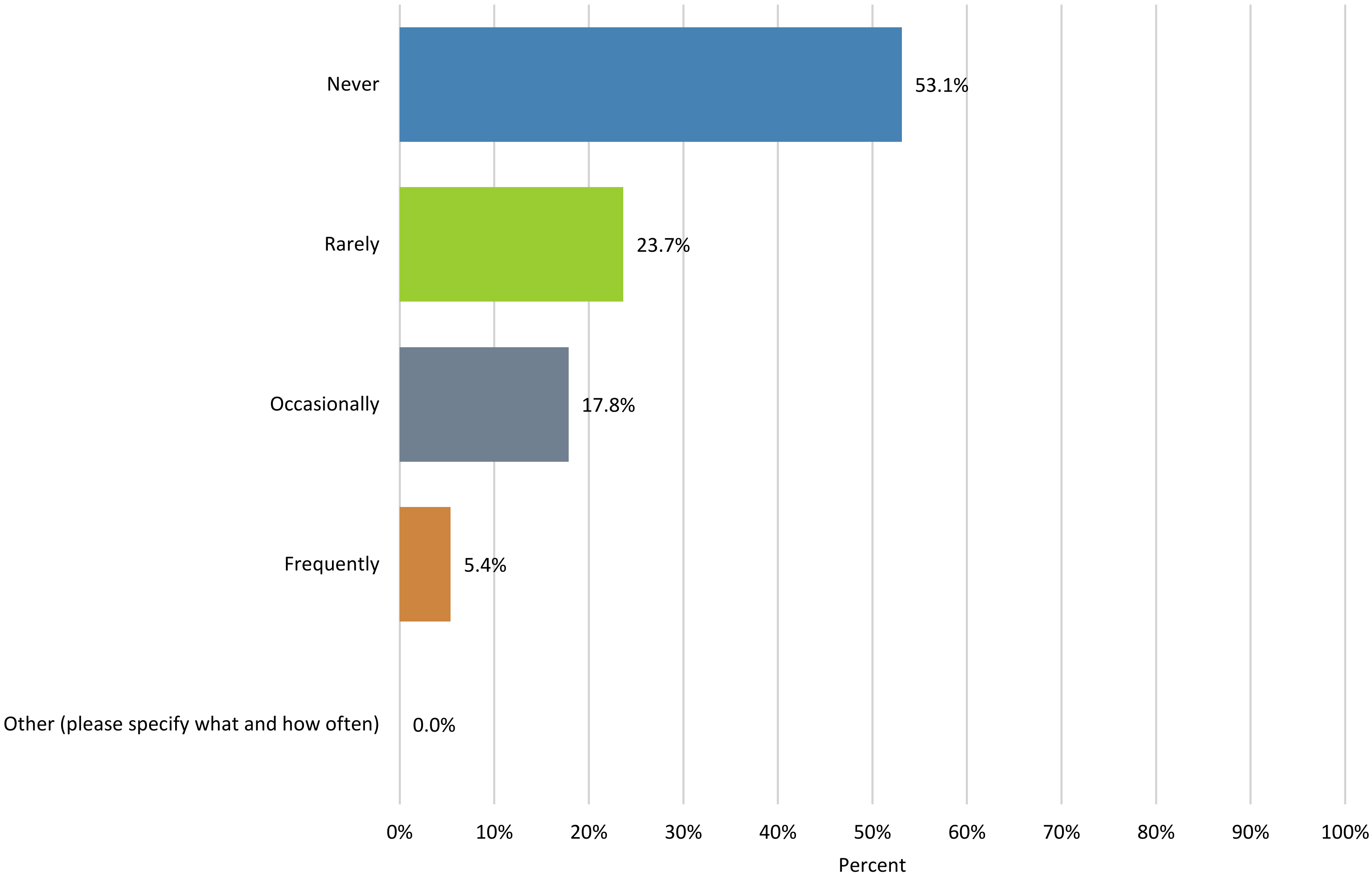
14. Working virtually with students from other universities internationally



14. Working virtually with students from other universities internationally

Name	Count	Percent	Average
Never	129	53.1%	
Rarely	74	30.5%	
Occasionally	31	12.8%	
Frequently	9	3.7%	
Other (please specify what and how often)	0	0.0%	
N	243		1.67

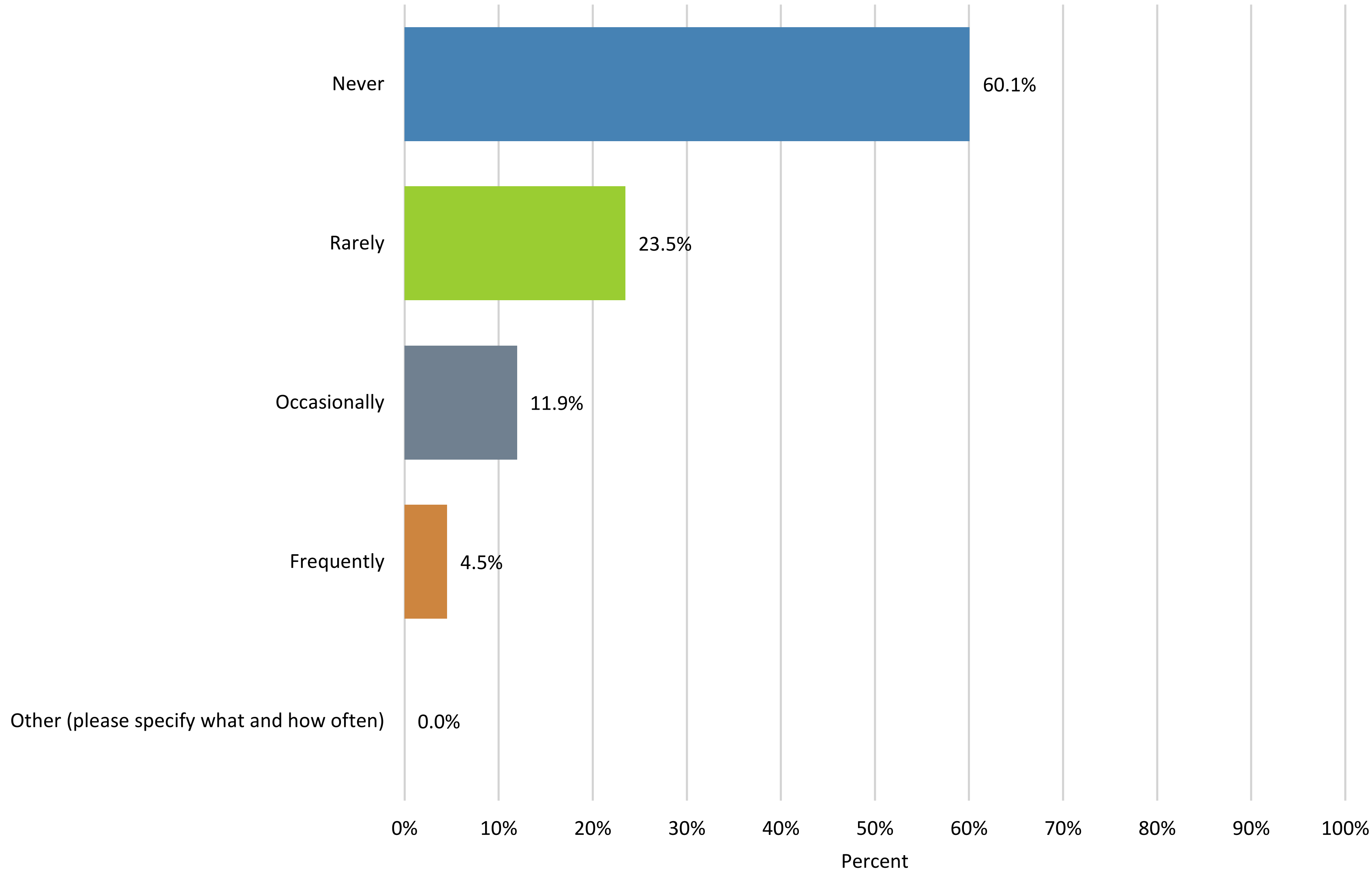
15. Carrying out experiments within remote laboratories



15. Carrying out experiments within remote laboratories

Name	Count	Percent	Average
Never	128	53.1%	
Rarely	57	23.7%	
Occasionally	43	17.8%	
Frequently	13	5.4%	
Other (please specify what and how often)	0	0.0%	
N	241		1.76

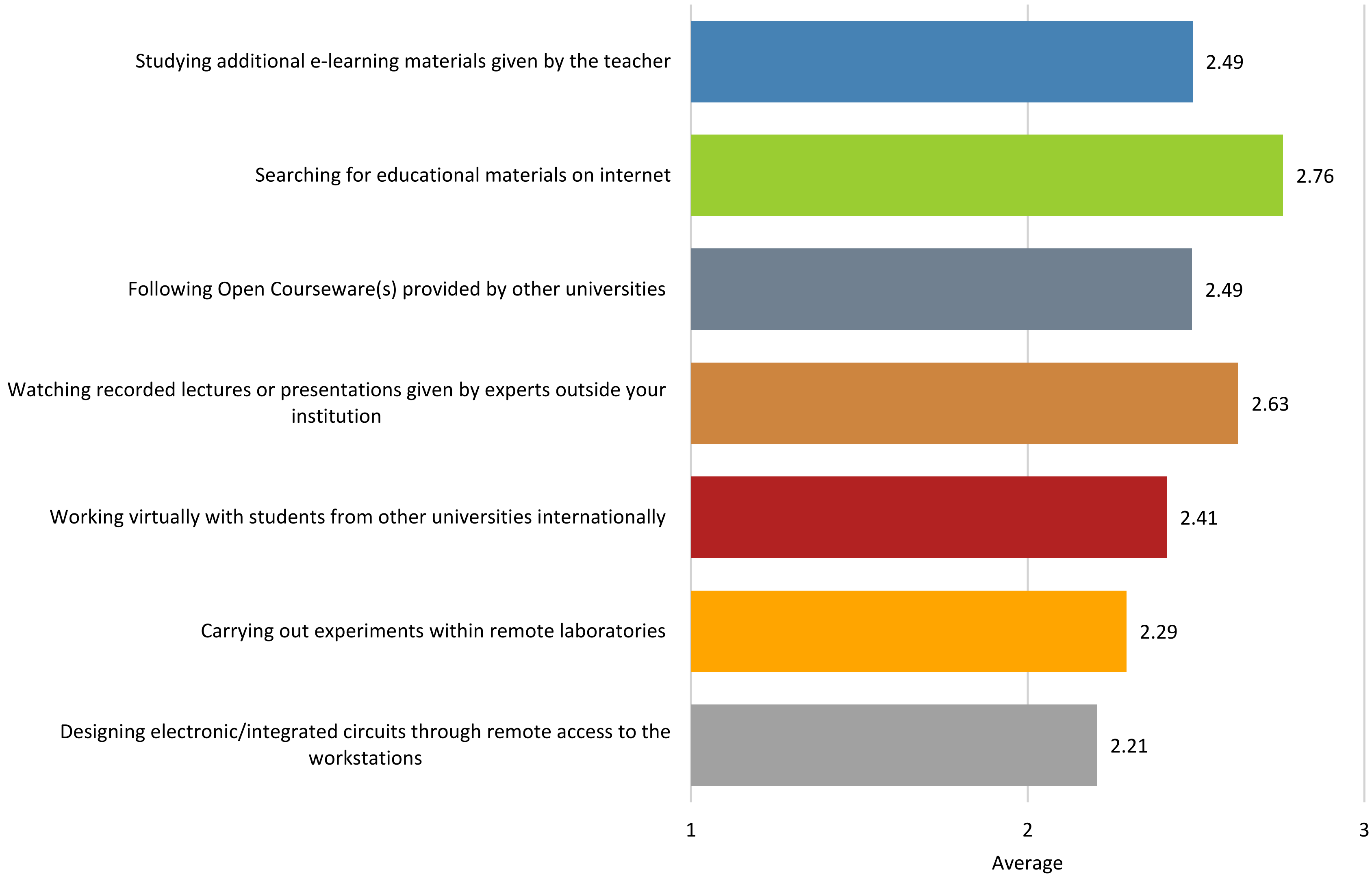
16. Designing electronic/integrated circuits through remote access to the workstations



16. Designing electronic/integrated circuits through remote access to the workstations

Name	Count	Percent	Average
Never	146	60.1%	
Rarely	57	23.5%	
Occasionally	29	11.9%	
Frequently	11	4.5%	
Other (please specify what and how often)	0	0.0%	
N	243		1.61

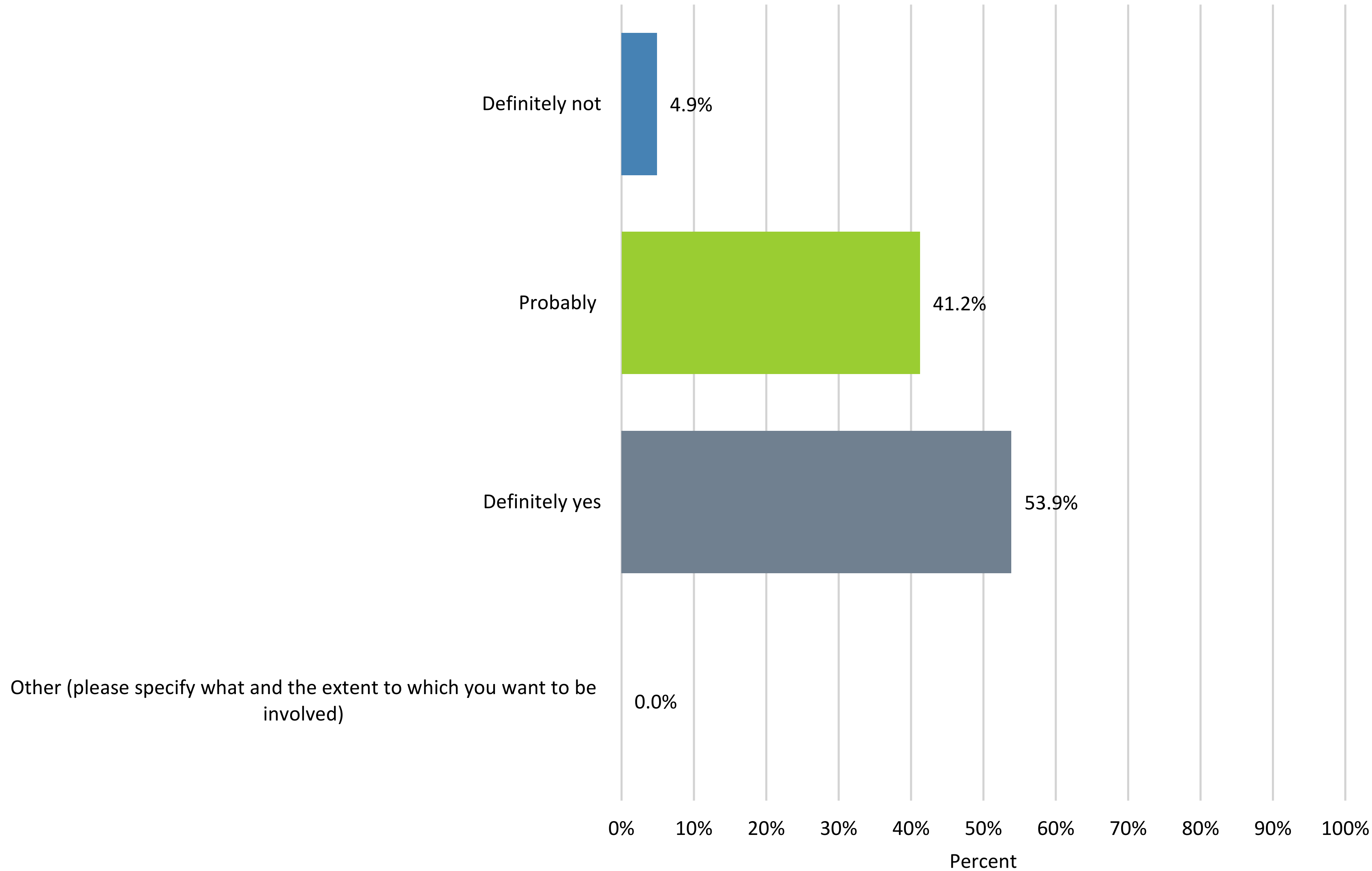
17. Do you want to be involved in the activities, described below, in the near future?



17. Do you want to be involved in the activities, described below, in the near future?

	Definitely not	Probably	Definitely yes	Other (please specify what and the extent to which you want to be involved)	Average	N
Studying additional e-learning materials given by the teacher	12	101	132	0	2.49	245
Searching for educational materials on internet	1	57	186	0	2.76	244
Following Open Courseware(s) provided by other universities	9	107	128	0	2.49	244
Watching recorded lectures or presentations given by experts outside your institution	7	77	159	0	2.63	243
Working virtually with students from other universities internationally	22	98	122	1	2.41	243
Carrying out experiments within remote laboratories	24	123	95	1	2.29	243
Designing electronic/integra	38	117	88	1	2.21	244

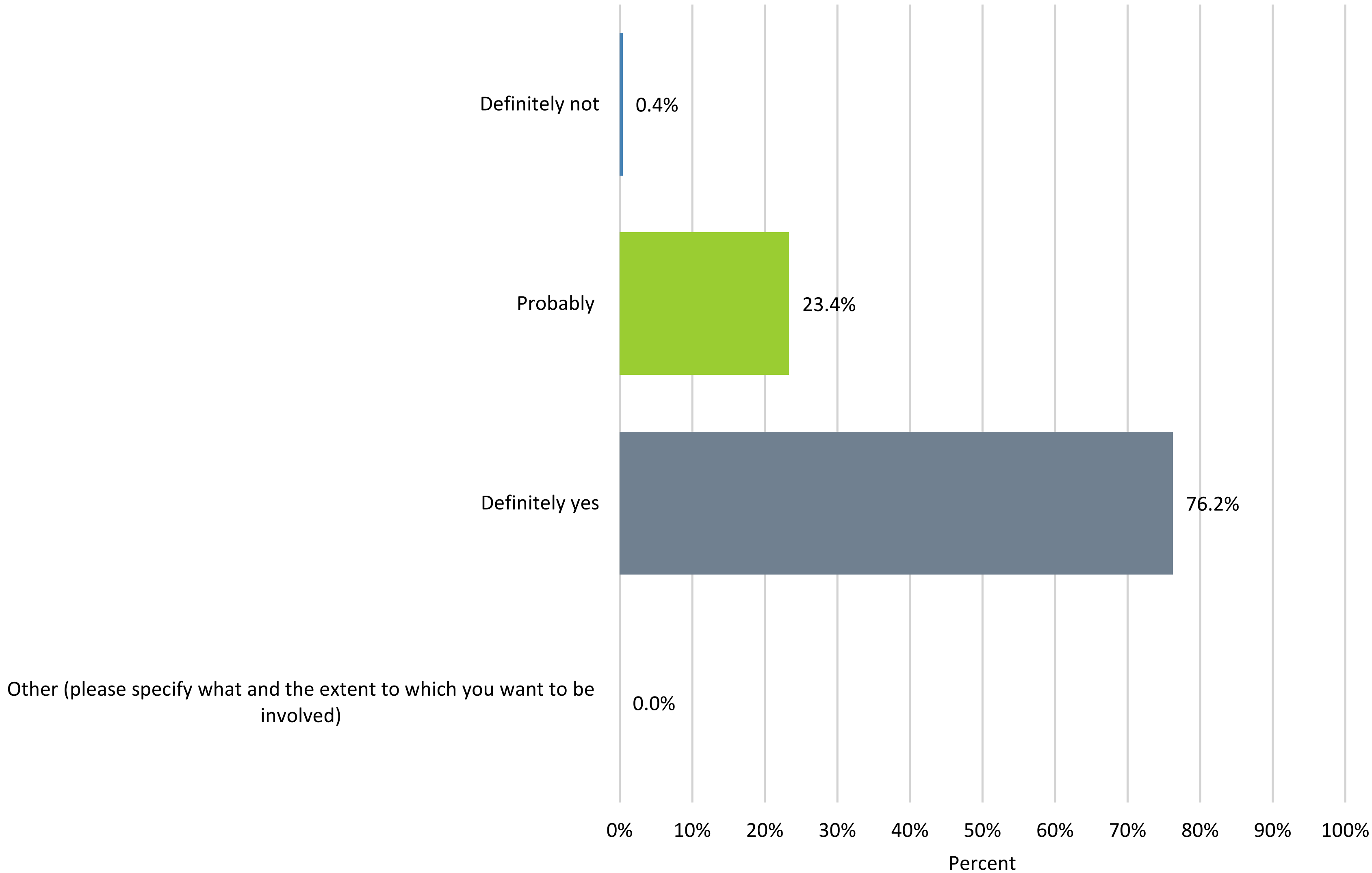
18. Studying additional e-learning materials given by the teacher



18. Studying additional e-learning materials given by the teacher

Name	Count	Percent	Average
Definitely not	12	4.9%	
Probably	101	41.2%	
Definitely yes	132	53.9%	
Other (please specify what and the extent to which you want to be involved)	0	0.0%	
N	245		2.49

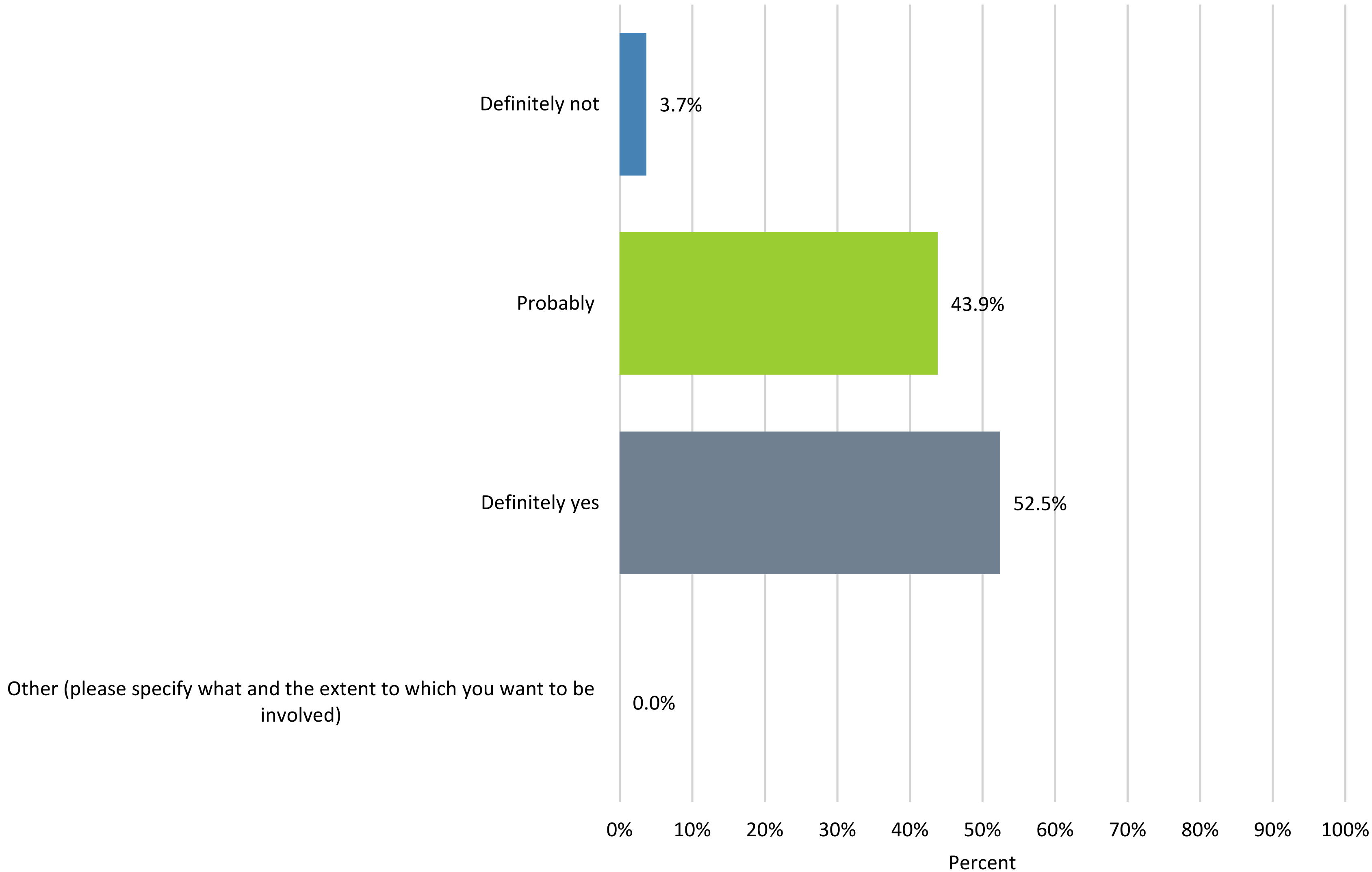
19. Searching for educational materials on internet



19. Searching for educational materials on internet

Name	Count	Percent	Average
Definitely not	1	0.4%	
Probably	57	23.4%	
Definitely yes	186	76.2%	
Other (please specify what and the extent to which you want to be involved)	0	0.0%	
N	244		2.76

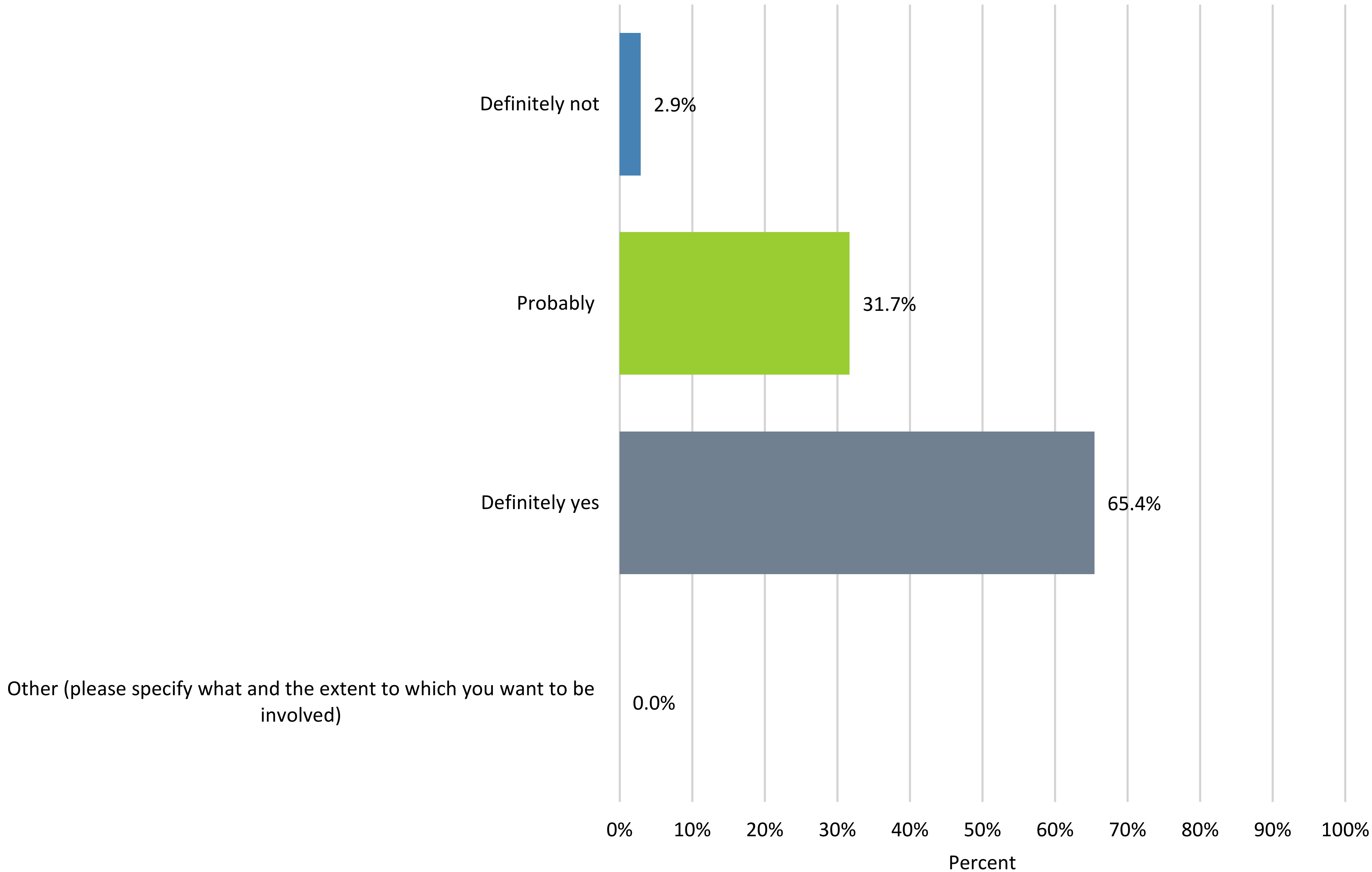
20. Following Open Courseware(s) provided by other universities



20. Following Open Courseware(s) provided by other universities

Name	Count	Percent	Average
Definitely not	9	3.7%	
Probably	107	43.9%	
Definitely yes	128	52.5%	
Other (please specify what and the extent to which you want to be involved)	0	0.0%	
N	244		2.49

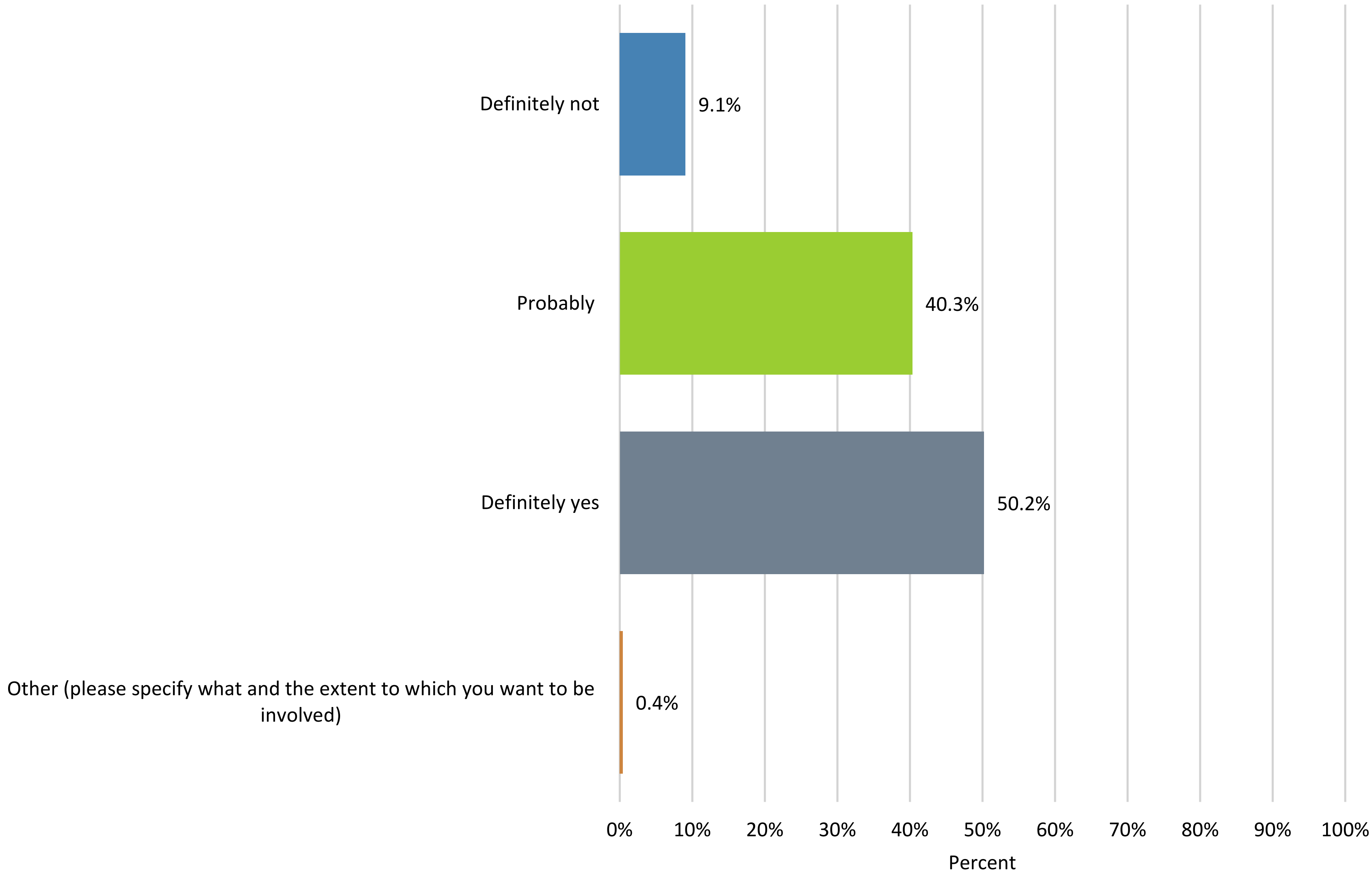
21. Watching recorded lectures or presentations given by experts outside your institution



21. Watching recorded lectures or presentations given by experts outside your institution

Name	Count	Percent	Average
Definitely not	7	2.9%	
Probably	77	31.7%	
Definitely yes	159	65.4%	
Other (please specify what and the extent to which you want to be involved)	0	0.0%	
N	243		2.63

22. Working virtually with students from other universities internationally



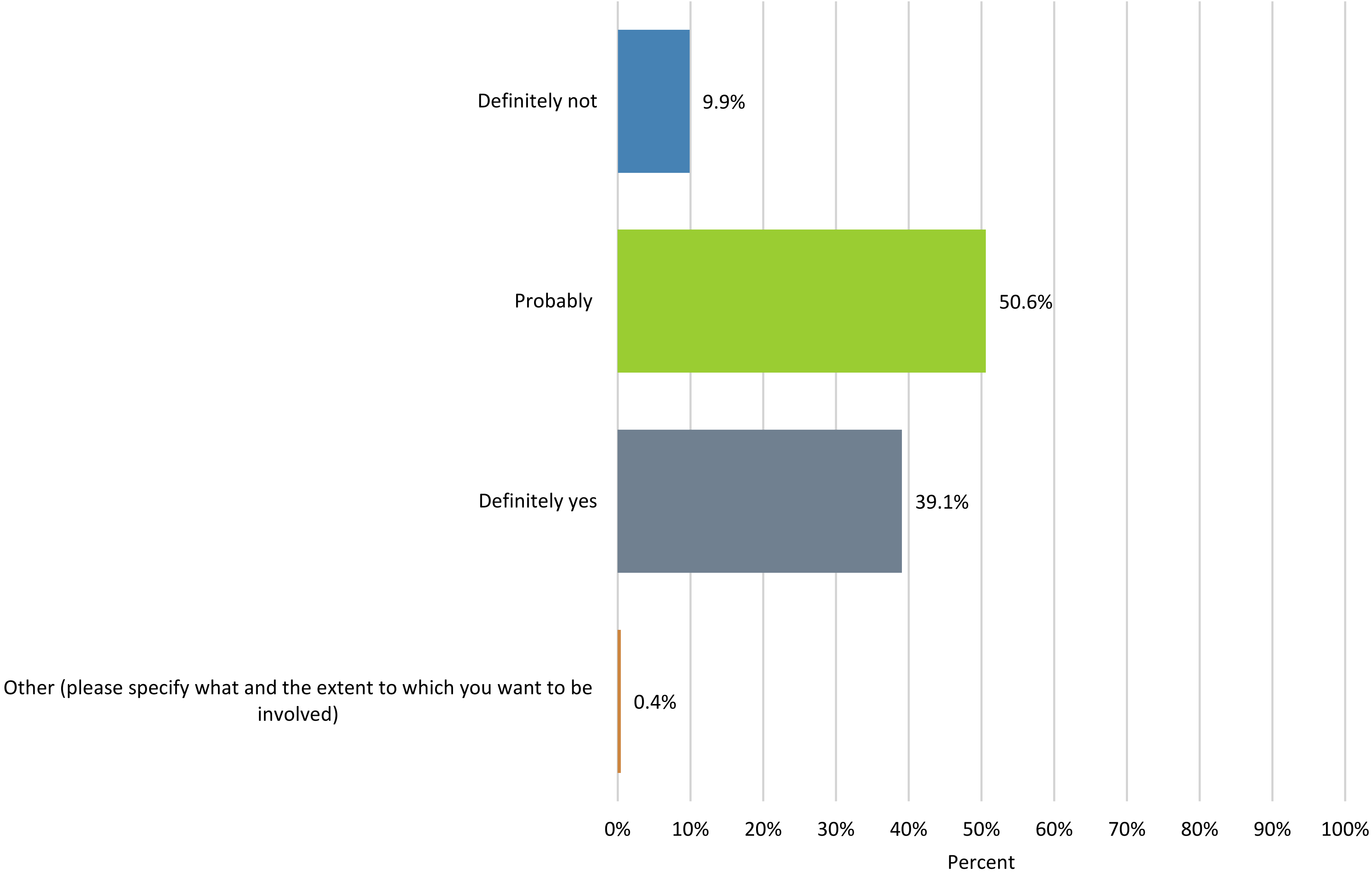
22. Working virtually with students from other universities internationally

Name	Count	Percent	Average
Definitely not	22	9.1%	
Probably	98	40.3%	
Definitely yes	122	50.2%	
Other (please specify what and the extent to which you want to be involved)	1	0.4%	
N	243		2.41

22. Working virtually with students from other universities internationally

I don't know

23. Carrying out experiments within remote laboratories



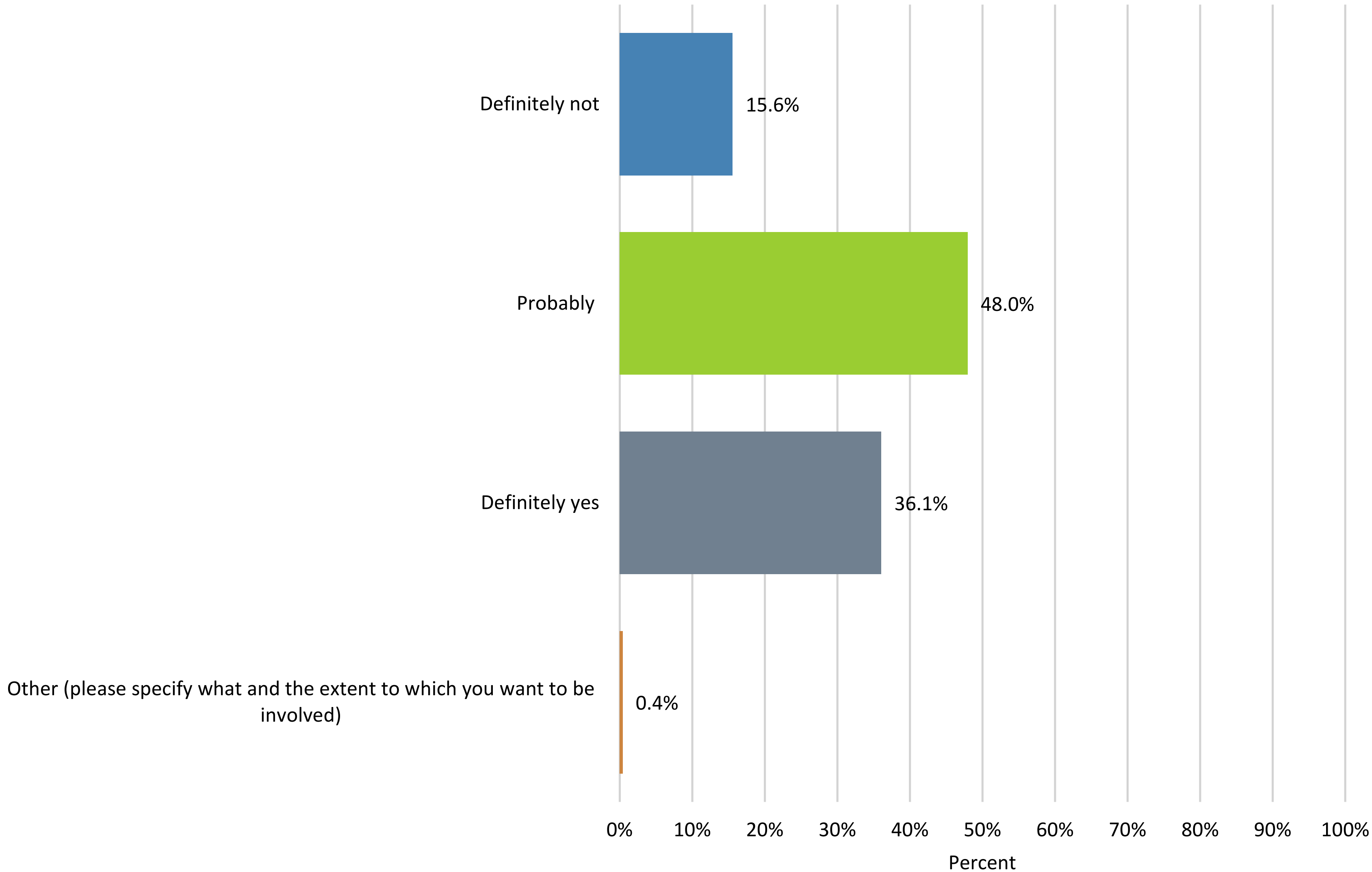
23. Carrying out experiments within remote laboratories

Name	Count	Percent	Average
Definitely not	24	9.9%	
Probably	123	50.6%	
Definitely yes	95	39.1%	
Other (please specify what and the extent to which you want to be involved)	1	0.4%	
N	243		2.29

23. Carrying out experiments within remote laboratories

I don't know

24. Designing electronic/integrated circuits through remote access to the workstations



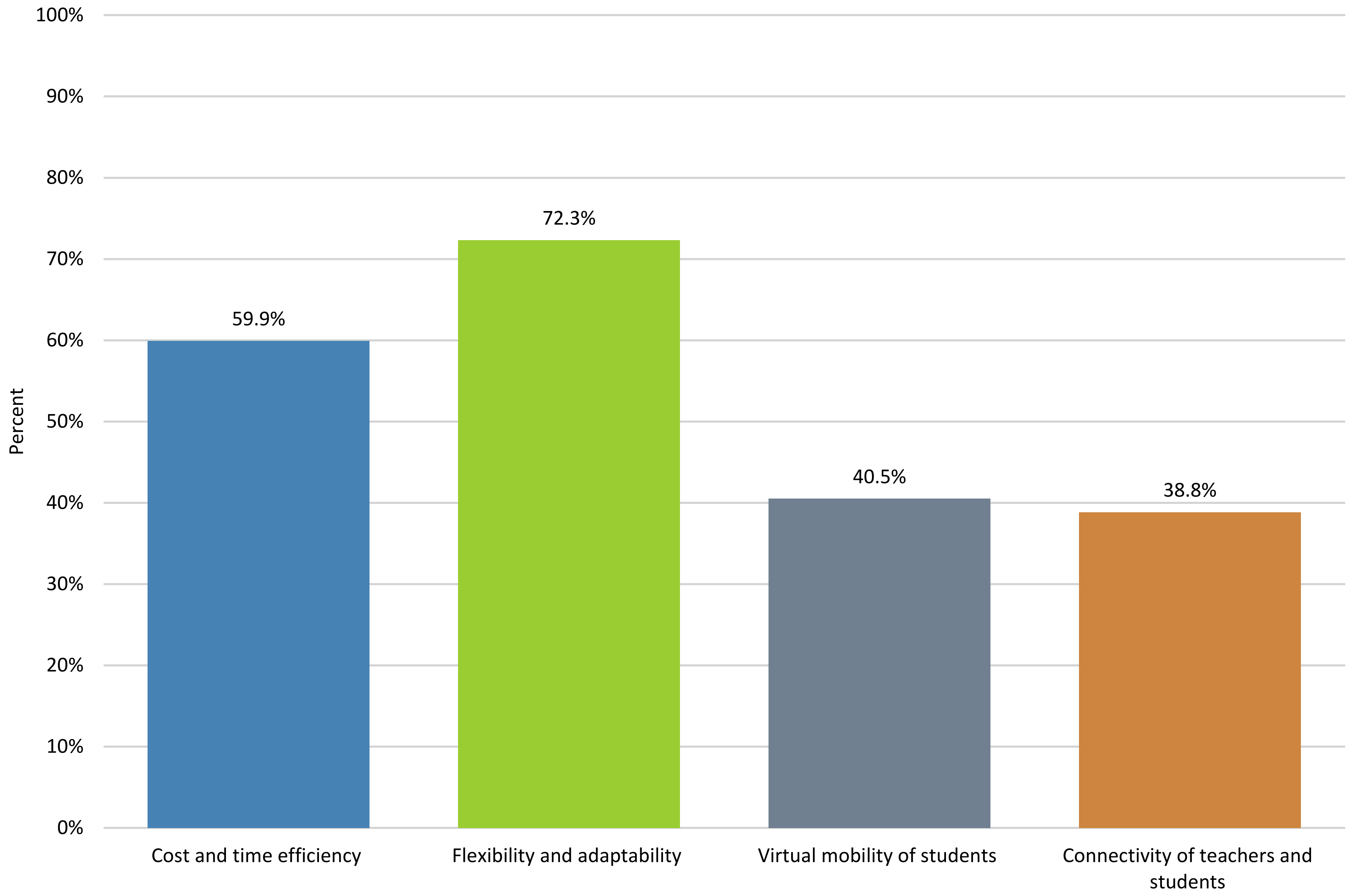
24. Designing electronic/integrated circuits through remote access to the workstations

Name	Count	Percent	Average
Definitely not	38	15.6%	
Probably	117	48.0%	
Definitely yes	88	36.1%	
Other (please specify what and the extent to which you want to be involved)	1	0.4%	
N	244		2.21

24. Designing electronic/integrated circuits through remote access to the workstations

I don't know

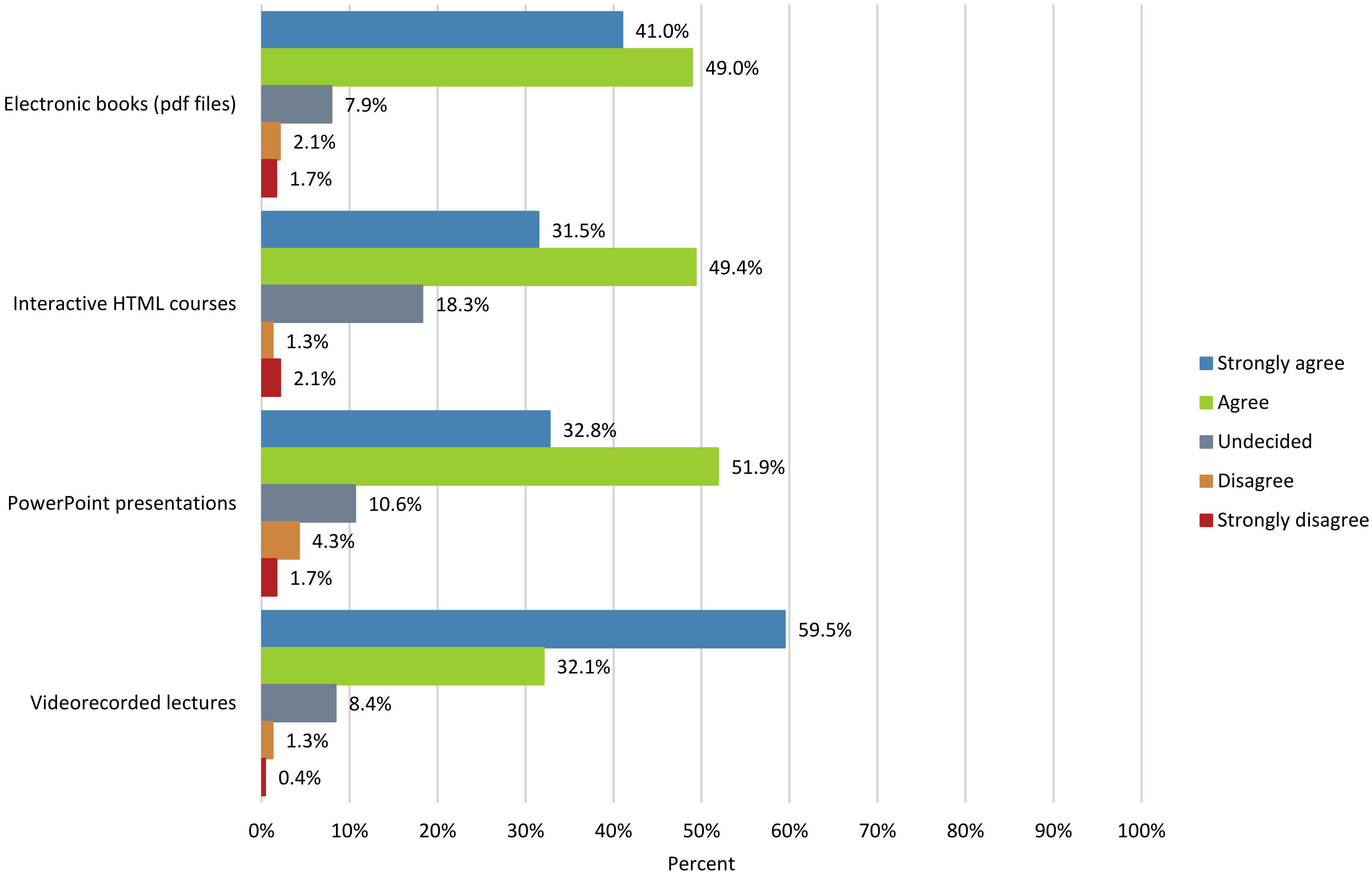
25. What advantages do you consider that the use of OERs in education has?



25. What advantages do you consider that the use of OERs in education has?

Name	Count	Percent	Average
Cost and time efficiency	145	59.9%	
Flexibility and adaptability	175	72.3%	
Virtual mobility of students	98	40.5%	
Connectivity of teachers and students	94	38.8%	
N	242		2.28

26. What kind of OERs do you prefer to use?

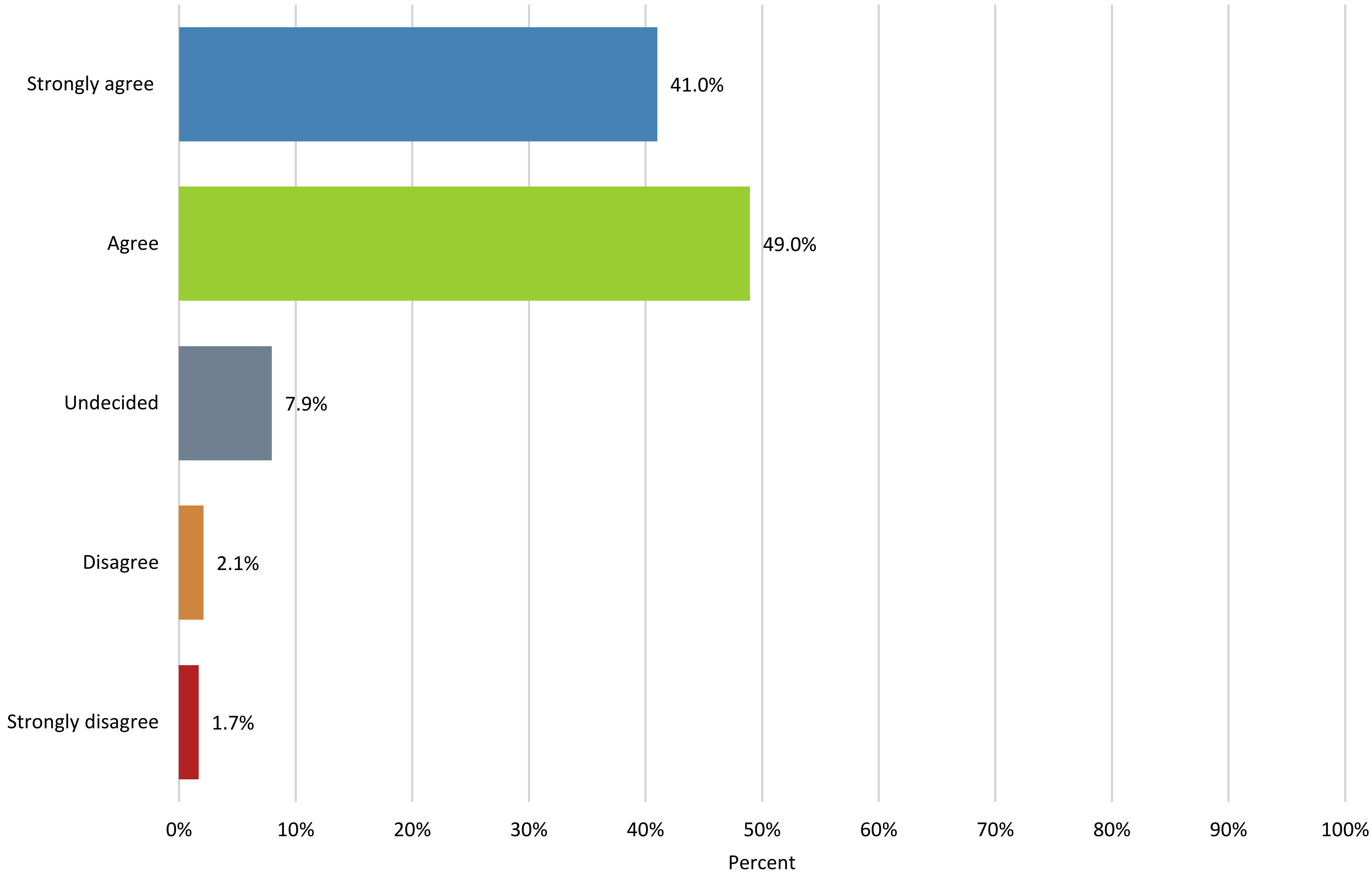


26. What kind of OERs do you prefer to use?

	Strongly agree	Agree	Undecided	Disagree	Strongly disagree	Average	N
Electronic books (pdf files)	98	117	19	5	4	1.77	239
Interactive HTML courses	74	116	43	3	5	1.96	235
PowerPoint presentations	77	122	25	10	4	1.92	235
Videorecorded lectures	141	76	20	3	1	1.54	237

	Strongly agree	Agree	Undecided	Disagree	Strongly disagree	Average	N
Electronic books (pdf files)	41.0%	49.0%	7.9%	2.1%	1.7%	1.77	239
Interactive HTML courses	31.5%	49.4%	18.3%	1.3%	2.1%	1.96	235
PowerPoint presentations	32.8%	51.9%	10.6%	4.3%	1.7%	1.92	235
Videorecorded lectures	59.5%	32.1%	8.4%	1.3%	0.4%	1.54	237

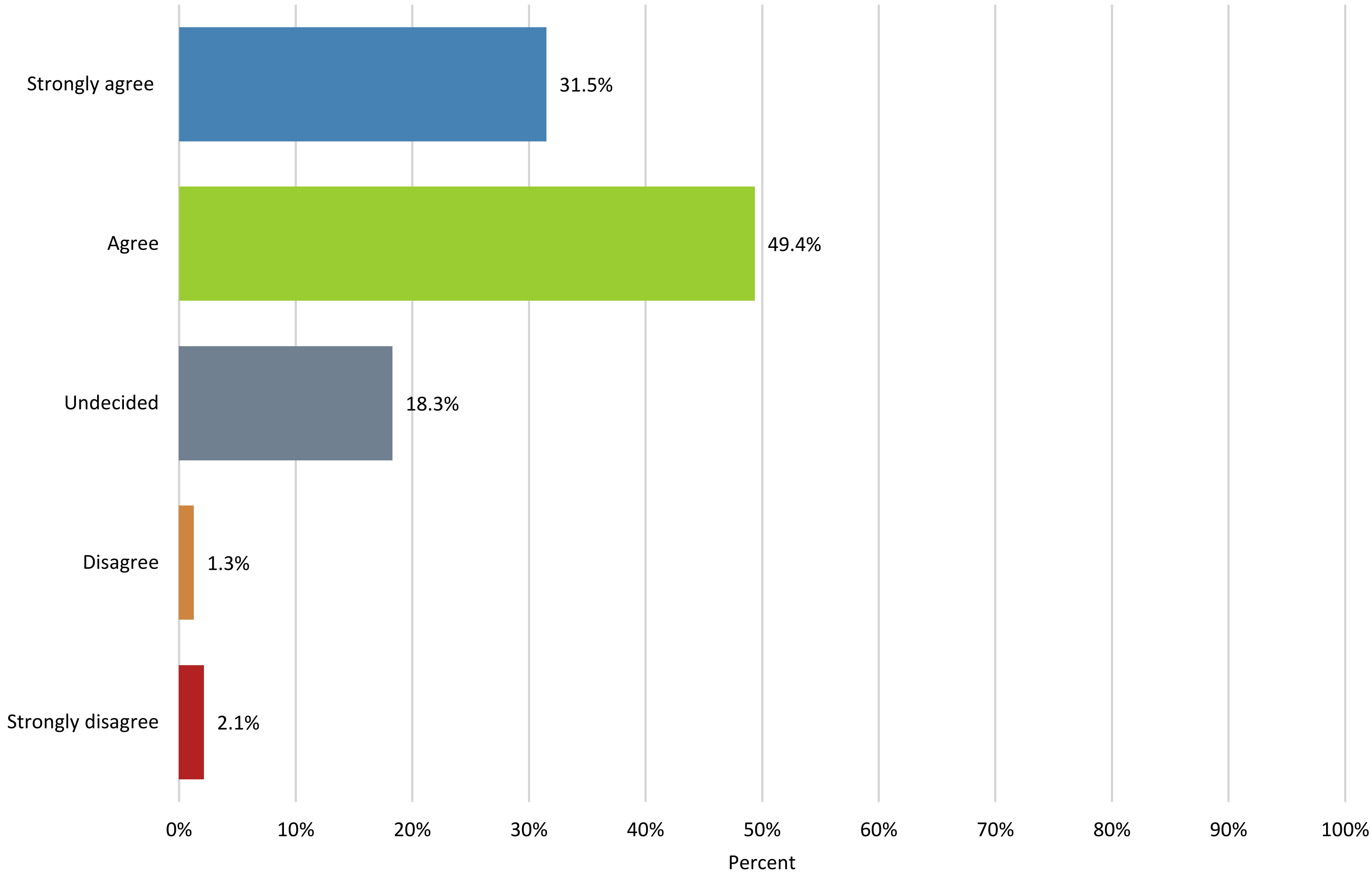
27. Electronic books (pdf files)



27. Electronic books (pdf files)

Name	Count	Percent	Average
Strongly agree	98	41.0%	
Agree	117	49.0%	
Undecided	19	7.9%	
Disagree	5	2.1%	
Strongly disagree	4	1.7%	
N	239		1.77

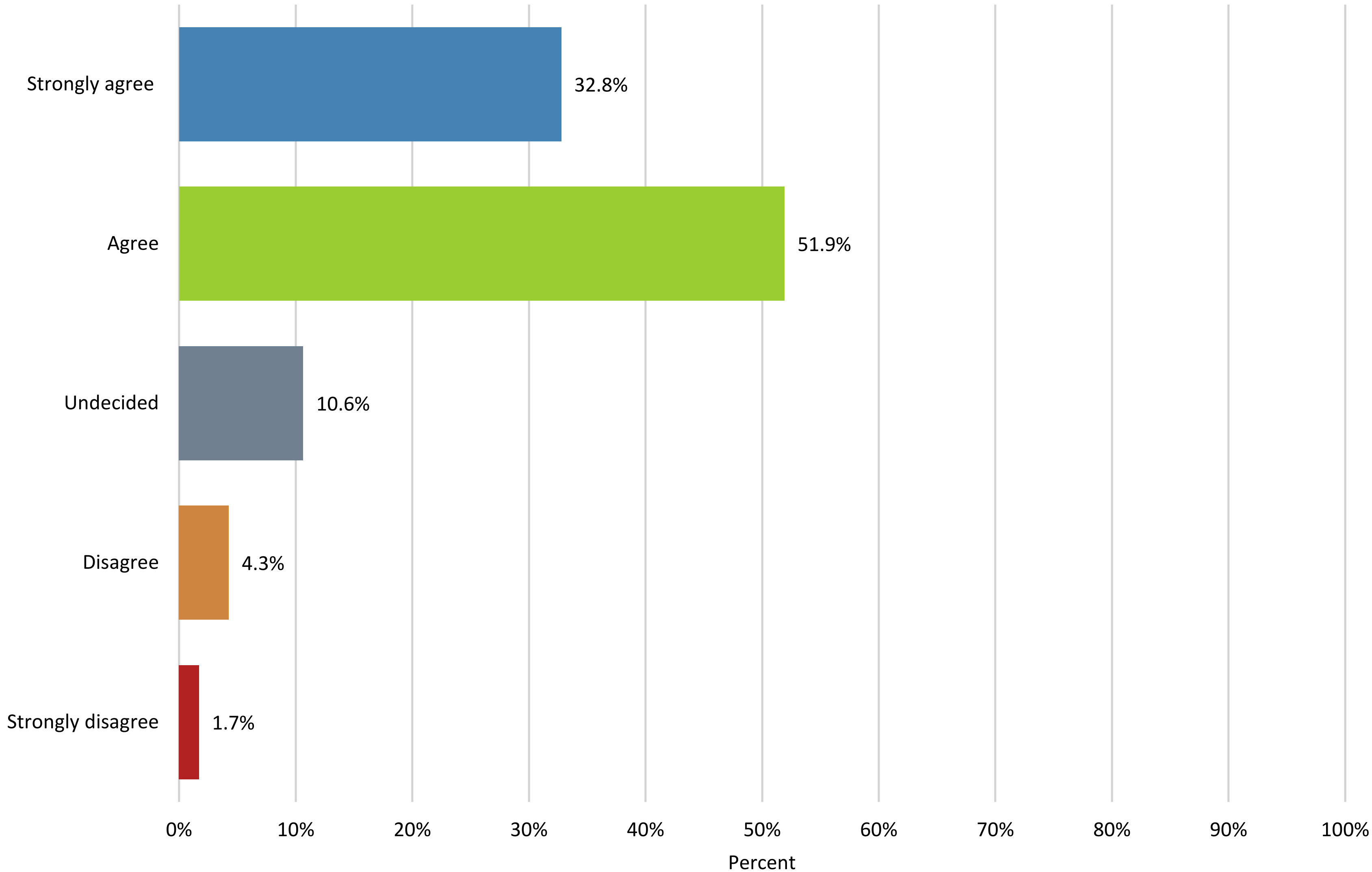
28. Interactive HTML courses



28. Interactive HTML courses

Name	Count	Percent	Average
Strongly agree	74	31.5%	
Agree	116	49.4%	
Undecided	43	18.3%	
Disagree	3	1.3%	
Strongly disagree	5	2.1%	
N	235		1.96

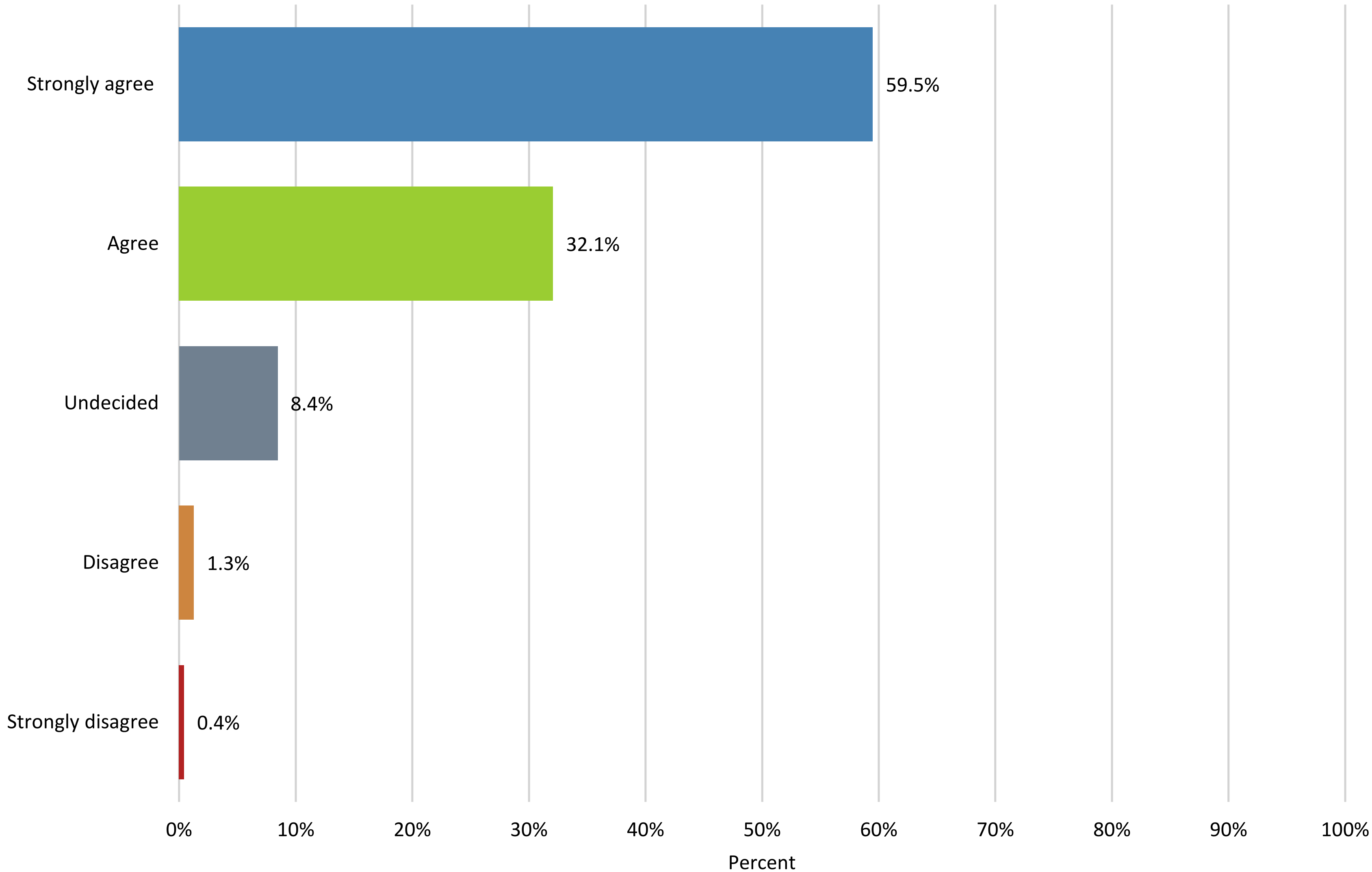
29. PowerPoint presentations



29. PowerPoint presentations

Name	Count	Percent	Average
Strongly agree	77	32.8%	
Agree	122	51.9%	
Undecided	25	10.6%	
Disagree	10	4.3%	
Strongly disagree	4	1.7%	
N	235		1.92

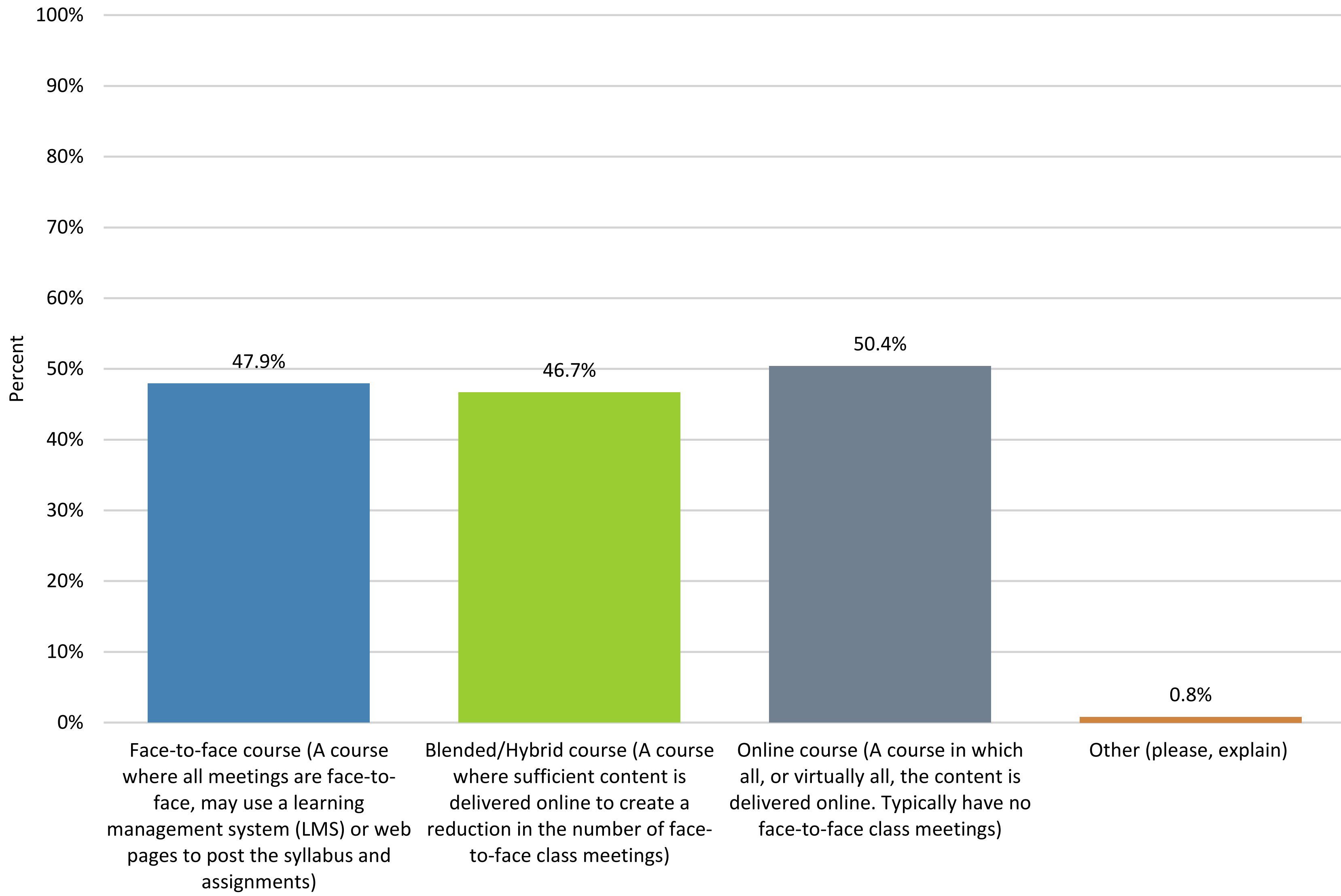
30. Videorecorded lectures



30. Videorecorded lectures

Name	Count	Percent	Average
Strongly agree	141	59.5%	
Agree	76	32.1%	
Undecided	20	8.4%	
Disagree	3	1.3%	
Strongly disagree	1	0.4%	
N	237		1.54

31. In which of the following teaching mode do you prefer to use OERs?



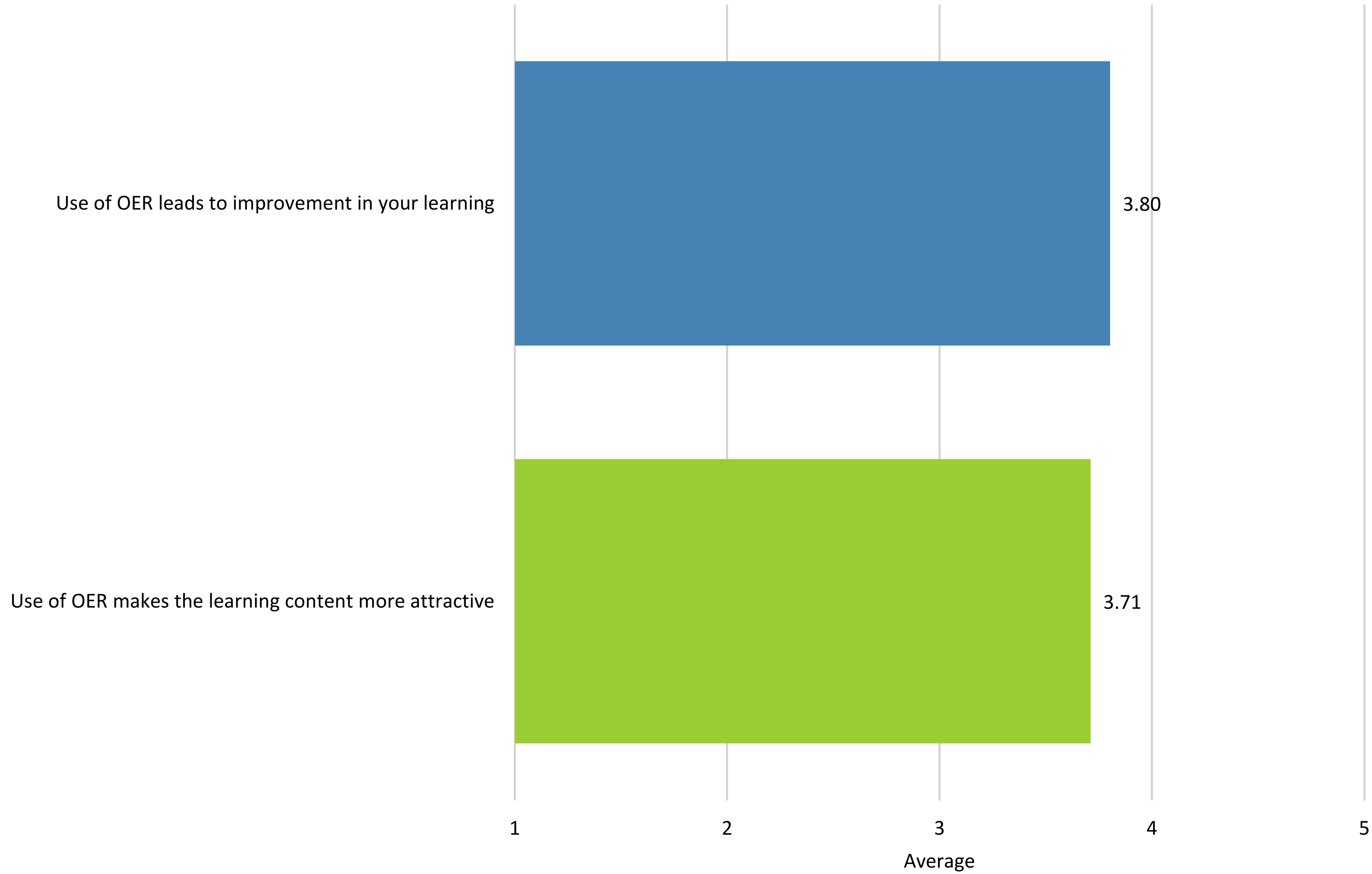
31. In which of the following teaching mode do you prefer to use OERs?

Name	Count	Percent	Average
Face-to-face course (A course where all meetings are face-to-face, may use a learning management system (LMS) or web pages to post the syllabus and assignments)	116	47.9%	
Blended/Hybrid course (A course where sufficient content is delivered online to create a reduction in the number of face-to-face class meetings)	113	46.7%	
Online course (A course in which all, or virtually all, the content is delivered online. Typically have no face-to-face class meetings)	122	50.4%	
Other (please, explain)	2	0.8%	
N	242		2.02

31. In which of the following teaching mode do you prefer to use OERs?

Videorecorded lectures

32. Do you believe the following statements about Open Educational Resources (OER) are true?

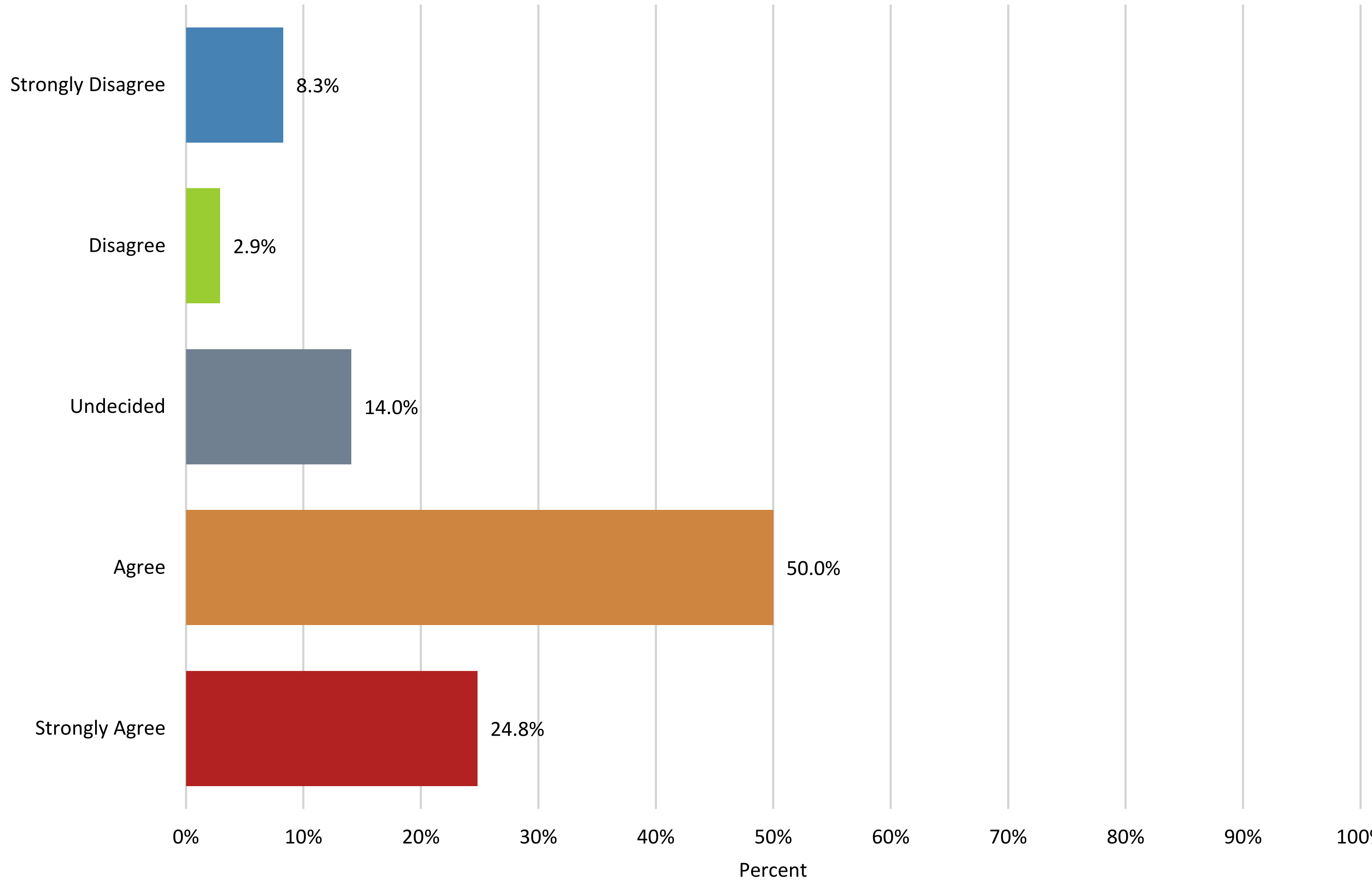


32. Do you believe the following statements about Open Educational Resources (OER) are true?

	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree	Average	N
Use of OER leads to improvement in your learning	20	7	34	121	60	3.80	242
Use of OER makes the learning content more attractive	19	10	47	111	54	3.71	241

	Strongly Disagree	Disagree	Undecided	Agree	Strongly Agree	Average	N
Use of OER leads to improvement in your learning	8.3%	2.9%	14.0%	50.0%	24.8%	3.80	242
Use of OER makes the learning content more attractive	7.9%	4.1%	19.5%	46.1%	22.4%	3.71	241

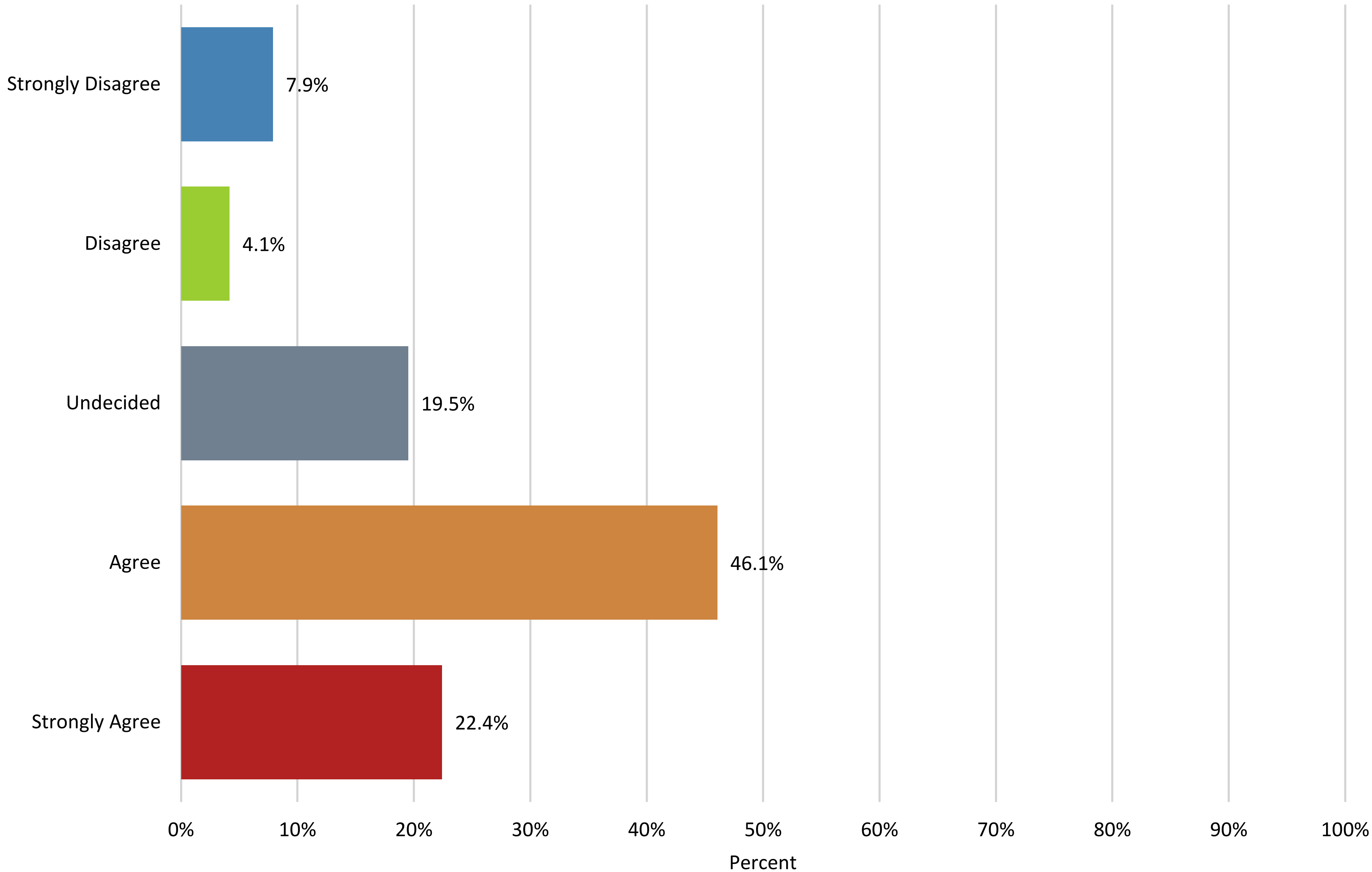
33. Use of OER leads to improvement in your learning



33. Use of OER leads to improvement in your learning

Name	Count	Percent	Average
Strongly Disagree	20	8.3%	
Disagree	7	2.9%	
Undecided	34	14.0%	
Agree	121	50.0%	
Strongly Agree	60	24.8%	
N	242		3.80

34. Use of OER makes the learning content more attractive



34. Use of OER makes the learning content more attractive

Name	Count	Percent	Average
Strongly Disagree	19	7.9%	
Disagree	10	4.1%	
Undecided	47	19.5%	
Agree	111	46.1%	
Strongly Agree	54	22.4%	
N	241		3.71