
THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE RESOLUTION

No. 438 Session of
2017

INTRODUCED BY SCHLOSSBERG, DeLUCA, LONGIETTI, MADDEN, PASHINSKI
AND READSHAW, JULY 24, 2017

REFERRED TO COMMITTEE ON LABOR AND INDUSTRY, JULY 24, 2017

A RESOLUTION

1 Directing the Legislative Budget and Finance Committee to
2 conduct a comprehensive study to determine and report on the
3 potential impact of the use of robots, job automation and
4 artificial intelligence on occupations, employment and the
5 economy of this Commonwealth.

6 WHEREAS, Technology related to the use of robots and
7 automation and the development of artificial intelligence is
8 quickly advancing and becoming ingrained in the economy; and

9 WHEREAS, The use of robots, automation and artificial
10 intelligence has been adopted in the manufacturing, health care
11 and automotive industries as well as in areas such as marketing,
12 security surveillance and customer support; and

13 WHEREAS, Robots, automation and artificial intelligence offer
14 the potential of improved efficiency and cost savings but also
15 have the potential to create mass unemployment as automation
16 replaces the human work force across many sectors; and

17 WHEREAS, Some researchers estimate that as many as 47% of
18 jobs in the United States could be automated in the next two
19 decades; and

1 WHEREAS, The use of automation, robots and artificial
2 intelligence will have an impact on the modern work force
3 similar to that of the 19th-century Industrial Revolution on the
4 agricultural work force; and

5 WHEREAS, The greatest impact of the loss of jobs in the
6 United States is likely to be felt by those holding and seeking
7 middle-skilled jobs; and

8 WHEREAS, Opportunities exist to use this technological
9 revolution to encourage entrepreneurship and new economies; and

10 WHEREAS, Government plays a significant role in not only
11 understanding the opportunities created by the use of robots,
12 automation and artificial intelligence but also positively
13 working to avoid a displaced work force and ensuring that
14 residents of this Commonwealth have opportunities to access
15 training and education in a new technology-based economy;
16 therefore be it

17 RESOLVED, That the Legislative Budget and Finance Committee
18 conduct a comprehensive study of the effects of the use of
19 robots, automation and artificial intelligence on the work force
20 and economy of this Commonwealth; and be it further

21 RESOLVED, That the Legislative Budget and Finance Committee
22 review the opportunities and challenges presented by the use of
23 robots, automation and artificial intelligence, specifically
24 focusing on the economic impact of their use, potential issues
25 related to unemployment and displaced workers, changing work
26 force needs and the development of educational opportunities in
27 this Commonwealth; and be it further

28 RESOLVED, That the Legislative Budget and Finance Committee
29 submit a report of its findings to the House of Representatives
30 by December 31, 2018.