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LMC25 Effective Career Planning

Trends Transforming the Labour Market


1. Industry Shifts
2. Globalization
3. Education and Technology
4. Health and the Environment
5. Move to Self Employment
6. Shifting Demographics
7. Changing Role of Government

The slide features a dark blue background with a large gear icon in the center containing the text 'TRENDS'. To the right, there is a list of seven trends transforming the labour market. The overall theme is career development and technology.

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Impact of Generative AI

Findings revealed that while AI could perform tasks, it could not completely replace an occupation, though it could reshape work activity

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Table 1. Clerical activities appear to have the highest automation risk from generative AI
Top 10 highest levels of generative AI automation risk

| Skills/Work activities | Automation risk score |
|---|-----------------------|
| Clerical Activities | 4.29 |
| Operation Monitoring of Machinery and Equipment | 3.96 |
| Analyzing Data or Information | 3.92 |
| Monitoring | 3.88 |
| Writing | 3.71 |
| Interacting with Computers | 3.67 |
| Getting Information | 3.62 |
| Oral Communication: Oral Expression | 3.62 |
| Scheduling Work and Activities | 3.62 |
| Identifying Objects, Actions and Events | 3.58 |
| Numeracy | 3.58 |
| Decision Making | 3.5 |

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Table 2. Instructing appears to be the skill with the lowest risk of automation from generative AI
10 lowest levels of generative AI automation risk

| Skills/Work activities | Automation risk score |
|--|-----------------------|
| Oral Communication: Active Listening | 2.42 |
| Repairing | 2.38 |
| Persuading | 2.33 |
| Management of Personnel Resources | 2.25 |
| Supervising Subordinates | 2.25 |
| Coordinating the Work and Activities of Others | 2.21 |
| Coaching and Developing Others | 2.17 |
| Assisting and Caring for Others | 2.08 |
| Social Perceptiveness | 2.08 |
| Instructing | 2.04 |

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Table 3. Data entry clerks, general office support workers, and shippers and receivers are likely to be the most impacted by generative AI
Top 10 highest average levels of generative AI automation risk

| NOC | Occupation | Automation risk score |
|-------|---|-----------------------|
| 14111 | Data entry clerks | 3.81 |
| 14100 | General office support workers | 3.67 |
| 14400 | Shippers and receivers | 3.47 |
| 63202 | Bakers | 3.42 |
| 12111 | Health information management occupations | 3.41 |
| 94212 | Plastic products assemblers and finishers | 3.41 |
| 74205 | Public works maintenance equipment operators and related workers | 3.4 |
| 94213 | Industrial painters and coaters | 3.4 |
| 94104 | Inspectors and testers, mineral and metal processing | 3.39 |
| 93101 | Central control and process operators, petroleum, gas and chemical processing | 3.38 |

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Table 4. Occupations requiring social skills and manual work activities are less likely to be impacted by generative AI
10 lowest average levels of generative AI automation risk

| NOC | Occupation | Automation risk score |
|-------|--|-----------------------|
| 64300 | Maitres d'hôtel and hosts/hostesses | 2.75 |
| 64201 | Image, social and other personal consultants | 2.73 |
| 44100 | Home child care providers | 2.7 |
| 63210 | Hairstylists and barbers | 2.67 |
| 63211 | Estheticians, electrologists and related occupations | 2.62 |
| 65109 | Other sales related occupations | 2.62 |
| 64401 | Postal services representatives | 2.61 |
| 43100 | Elementary and secondary school teacher assistants | 2.56 |
| 64100 | Retail salespersons and visual merchandisers | 2.54 |
| 65229 | Other support occupations in personal services | 2.5 |

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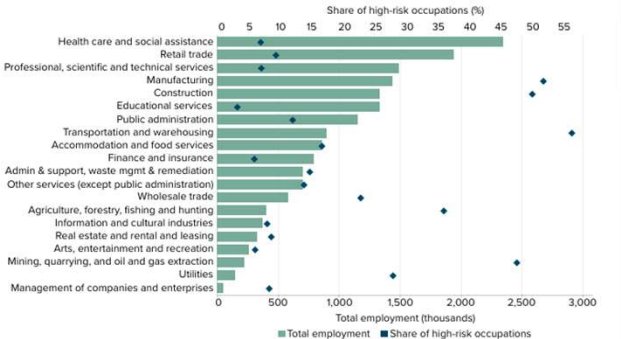


Figure 2. High-risk employment shares vary across industries
Total employment and share of occupations at high risk of automation from generative AI, by industry



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Plan for Effective Career Planning

When reviewing job postings and job descriptions, review them to identify tasks that can be performed by generative AI noting them as either 'High', 'Moderate' or 'Low' likelihood of being performed by A.I. Pursue jobs where the majority of tasks are Moderate or Low.