Employment Outlook & Earnings

Directions: Study the information chart below then use this information to answer the questions below. Find the location of occupation titles in the Occupational Section Directory on page 13. Pages 12-51 of the Career Outlook have additional information.

National - Number Employed indicates the number of persons employed in this occupation in the United States.

ND Employment indicates the number of persons employed in this occupation in North Dakota.

Total Openings includes growth and replacement openings in North Dakota over a 10-year period.

The Long-Term Growth Outlook for the occupation in North Dakota is defined as:

- Exceptional (50% or more per year);
- High Growth (20.0-49.9% per year);
- Average to Near Average Growth (10-19.9% per year);
- Below Average Growth (0.1-9.9% per year); and
- Zero to Declining Growth (0% or less per year).

ND Earnings Outlook

- Annual Entry-Level Wages - The average of the bottom 1/3 of overall wage distribution.
- Annual Average Wages - Estimated total wages of an occupation divided by its employment.

The salaries shown reflect a 40-hour work week for many occupations. Be aware it is possible to earn a considerably higher salary in those occupations where overtime wages are paid.

A. List three occupations that are projected to grow in North Dakota at a rate of high or exceptional:
   1. __________________________
   2. __________________________
   3. __________________________

B. List three occupations that are below average or declining in growth in North Dakota:
   1. __________________________
   2. __________________________
   3. __________________________

C. List three occupations that require an associate’s degree or less that are growing in North Dakota:
   1. __________________________
   2. __________________________
   3. __________________________

D. List the wage range for Web Developers:
   Wage Range: __________________________ to __________________________

E. Under Health Science, list the wage range for Respiratory Therapists:
   Wage Range: __________________________ to __________________________

F. How many Total Openings will there be in North Dakota for Veterinarians over the 10-year span?
   Total Openings: __________________________
G. What is the **wage range** in North Dakota for **Accountants and Auditors**?

Salary Range: __________________________ to __________________________

What is the **Long-Term Growth Outlook** for **Accountants and Auditors**? __________________________

H. Which has a higher **annual average wage**, an **Aircraft Mechanic** or a **Commercial Pilot**?

________________________________________

Which one has more jobs available in North Dakota? __________________________

I. What is the **salary range** for each of the following:

**Architectural and Civil Drafter** __________________________ to __________________________

**Optometrists** __________________________ to __________________________

**Paralegals and Legal Assistants** __________________________ to __________________________

**Fitness Trainer** __________________________ to __________________________

J. Which of the occupations listed above, in question “I”, has the most **Total Openings** in North Dakota? __________________________

K. What is the wage range for a **Marketing Manager**?

Wage Range: __________________________ to __________________________

L. Name three **growing occupations** listed in the **Finance** Cluster.

1. __________________________________________
2. __________________________________________
3. __________________________________________

M. Name **four types of engineers**. (Find in the Science, Technology, Engineering, and Mathematics Cluster).

1. __________________________________________
2. __________________________________________
3. __________________________________________
4. __________________________________________

N. Find **Graphic Designer**. What do they do? __________________________________________

________________________________________

What is their wage range? __________________________ to __________________________

Is this a growing career? ☐ Yes ☐ No
<table>
<thead>
<tr>
<th><strong>High Wage</strong> - North Dakota entry annual salary at least $50,696.</th>
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<tbody>
<tr>
<td><strong>High Skill</strong> - Occupation requires at least one year of post high school education or training.</td>
</tr>
<tr>
<td><strong>Bright Outlook</strong> - Occupation has a very high number of annual openings (high demand) and/or is a fast-growing occupation in North Dakota.</td>
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</tbody>
</table>

**Use the chart above to answer the following questions:**

O. Is **Elementary School Teacher** a “Bright Outlook” occupation?  ☐ Yes  ☐ No

P. Name three **High Wage** careers in the **Manufacturing** Cluster.
   1. ______________________________________________________________
   2. ______________________________________________________________
   3. ______________________________________________________________

Q. Name three **Bright Outlook** careers in the **Health Science** Cluster.
   1. ______________________________________________________________
   2. ______________________________________________________________
   3. ______________________________________________________________

R. Name three **High Skill** careers in the **Transportation, Distribution & Logistics** Cluster.
   1. ______________________________________________________________
   2. ______________________________________________________________
   3. ______________________________________________________________

S. Find three occupations that are **High Skill, High Wage, and Bright Outlook**.
   1. ______________________________________________________________
   2. ______________________________________________________________
   3. ______________________________________________________________