

Appendix B

University of Washington and Washington State University
Log Trucking Study

Name of company representative completing this survey*:

Job Title:

* Please be aware that all information from this questionnaire will be kept CONFIDENTIAL. If you would like to receive a copy of the Final Report developed from this survey please check here:

- Yes No

WSU & UW thank the following sponsors:



Please check the correct box or enter other information as requested. Please, since you are most familiar with your firm and the industry, provide your best estimates.

1) Are you?

| Owner operator (single truck) | Owner operator (multiple trucks) | Owner non-driver | Other company employee |
|----------------------------------|-------------------------------------|------------------|------------------------|
| | | | |

2) a) Approximately how many years has your company been in business?

b) Approximately how many years have you driven log trucks?

c) How old are you? _____

3) What is your company form of ownership?

| Sole Proprietorship | Partnership | Corporation |
|---------------------|-------------|-------------|
| | | |

4) Approximately how many people did your company employ in 2006?

5) How many, including yourself, were drivers? _____

6) How many trucks does your company operate? _____

7) What year, make, model is/are your truck(s)? What is the normal trailer configuration that is used with each truck?

Please attach extra information sheet if needed.

| Year | Make | Model | Configuration |
|-------|-------|-------|---------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

8) How many axles on each truck-trailer configuration mentioned above do you operate on your equipment? What is/are your gross weight and net payload(s) by truck/trailer configuration?

Please attach extra information sheet if needed.

| Configuration | Axles | Gross weight | Net payload |
|---------------|-------|--------------|-------------|
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |

9) Do you use a second pup trailer with your truck/trailer? Yes No

If yes: How many trucks do you operate with pup trailers? _____

10) How many of your trucks are self-loaders? _____

11) Where do you primarily operate? (Please enter percentages. Total should equal 100%)

| West of the Cascades | East of the Cascades | Both |
|----------------------|----------------------|------|
| | | |

12) How far away from home do you normally work? (Please enter percentage, total should equal 100%).

| 0 - 50 miles | 0 - 100 miles | 0 - 150 miles | 0 - 200 miles | > 200 miles |
|--------------|---------------|---------------|---------------|-------------|
| | | | | |

13) Haul distance and roads:

What is your maximum one-way haul distance from the logging site to the delivery point? _____

Miles

What is your maximum one-way haul distance? _____

What is your average one-way haul distance? _____

What percentage of your haul miles are on gravel roads? _____

What percentage of your haul miles are on paved roads? _____

14) How many loads per day per truck do you and/or your drivers normally haul? _____

Loads

15) How many hours per day per truck do you and/or your drivers normally work? _____

Hours

16) How many days per week per truck do you and/or your drivers normally work? _____

Days

17) How many hours per week are normally required for maintenance on your log truck?

_____ Hours

18) Where do you start clocking your daily time for pay? (Check only one).

From Home

From the Shop

From the Landing

19) Where do you stop clocking your daily time for pay? (Check only one).

At Home

At the Shop

At the Drop

20) What is your annual *personal* income from trucking each year?

21) If you are the company owner, what is the average hourly wage for employees by job type?

_____ Truck Driver

_____ Mechanic

_____ Other (*Please identify*) _____

22) Do you know what you will be paid prior to beginning a new haul from a logging site? Yes

Sometimes No

If you responded sometimes or never, please explain _____

23) How long from the time of haul until you are usually paid? _____

24) How are you usually paid? (*Check one*).

By the hour By the load

By the mile By the day

By the ton Other

Please identify if other: _____

25) What was your average 2006 truck gross return in

\$ per day? _____ \$ per load? _____

\$ per year? _____ \$ per ton? _____

\$ per mile? _____

26) If you are the company owner, what benefits do you provide to yourself from your company? (*Check those applicable*).

| Health Insurance | Disability Insurance | Retirement Plan/IRA | Vehicle Use | Other |
|------------------|----------------------|---------------------|-------------|-------|
| | | | | |

27) What benefits do the employees receive from your company? (*Check those applicable*).

| Health Insurance | Disability Insurance | Retirement Plan/IRA | Vehicle Use | Other |
|------------------|----------------------|---------------------|-------------|-------|
| | | | | |

28) If health insurance is provided by the company, is it also provided for family members?

Yes No

29) If you are an employer, how difficult is it to find and keep skilled truck drivers? (*Check one*).

| Very difficult | Occasionally a problem | Drivers are readily available |
|----------------|------------------------|-------------------------------|
| | | |

30) How available are skilled truck drivers today as compared to 10 years ago? (*Check one*).

| Harder to find | The same | Easier to find |
|----------------|----------|----------------|
| | | |

31) What was your total truck cost operating in 2006 (equipment, fuel, repairs, insurance, and other costs *except wages*) in:

\$ Per mile for the year _____

\$ Per ton for the year _____

32) What were your total truck cost expenditures for your total business in 2006 (all costs *except wages*).

33) What was your company's gross revenue in 2006?

34) What was the average rate you received for log hauling in Washington in 2006, by *any or all* of the following pay units that are most appropriate?

\$ per mile? _____

\$ per load? _____

\$ per hour? _____

\$ per ton? _____

\$ per day? _____

35) What was the average number of miles driven by a log truck in your company during 2006?

_____ Miles

36) What is the average life of:

Trailers in miles _____

Tractors in miles _____

Trailers in years _____

Tractors in years _____

Truck motor in miles _____

37) If possible please estimate the average total year volume of timber hauled by a log truck in your company during 2006? _____ Tons

38) How difficult is it to find hauling contracts to keep your company operating? *(Check one).*

| Very Difficult | Occasionally Difficult | Readily Available |
|----------------|------------------------|-------------------|
| | | |

39) How would you compare the QUALITY of Washington PAVED roads today as compared to 10 years ago? *(Check one).*

| Much worse | Somewhat worse | The same | A little better | A lot better |
|------------|----------------|----------|-----------------|--------------|
| | | | | |

40) How would you compare the TRAFFIC on Washington PAVED roads today as compared to 10 years ago? *(Check one).*

| Much worse | Somewhat worse | The same | A little better | A lot better |
|------------|----------------|----------|-----------------|--------------|
| | | | | |

41) How would you compare the QUALITY of Washington GRAVEL roads today as compared to 10 years ago? *(Check one).*

| Much worse | Somewhat worse | The same | A little better | A lot better |
|------------|----------------|----------|-----------------|--------------|
| | | | | |

42) What number of weeks of down time per year do you usually experience for fire season, break up, road closures, or other seasonal constraints? _____

43) What number of weeks of down time per year do you usually experience for equipment breakdowns?

44) How many weeks in total did you operate in 2006?

45) Please estimate how many times your truck got stopped (both weight scales and equipment check) in 2006. If you have more than one truck please estimate the average.

46) What was the average length of time for each weight or equipment check stop? _____

47) Do you get voluntary annual equipment inspections for your trucks?

Yes No

If you filled in Yes, does this help reduce time lost for road checks?

Yes No

48) Do you plan on investing in equipment in the next five years?

Yes No

If yes, what type of equipment will you purchase and how much do you plan to spend?

Equipment: _____ Expenditure: _____

49) What is the average new replacement cost of basic equipment needed to haul logs?

Trailer _____ Tractor _____

50) When replacing a truck tractor do you generally purchase? (Check one).

| A New Truck | A Used Truck | Sometimes New or Used | A Kit |
|-------------|--------------|-----------------------|-------|
| | | | |

51) What factors most influence your decision to purchase new versus used equipment?

52) Do you ever lease equipment for your use? Yes No

If yes: cost _____ per _____

53) What is your annual insurance cost for a truck and trailer? _____

54) How many of your truck(s) are registered as:

| Log truck | Combination |
|-----------|-------------|
| | |

55) What is your annual licensing cost for a truck and trailer? _____

56) What is the average cost of truck tires? _____

57) What is the average life of tires?

Trailer tires in miles _____ Tractor tires in miles _____

Trailer tires in months _____ Tractor tires in months _____

58) What is your estimated average miles per gallon for your truck(s)?

_____ Miles/gallon.

What was the average diesel price per gallon that you paid in 2006? _____ \$/gallon.

What was the highest diesel price per gallon that you paid in 2006? _____ \$/gallon.

What was the lowest diesel price per gallon that you paid in 2006?

_____ \$/gallon.

59) Please estimate the value of your current investment in buildings, office facilities, garages, garage equipment, and other facilities?

60) What is your estimated annual total cost of support personnel (clerks, accountants, mechanics, laborers, etc)?

61) What is your estimated annual cost for utilities (telephone, electricity, heat, etc.)?

62) What other costs did you pay in 2006? Please specify and estimate cost.

63) What are the impacts to your company of rising fuel costs and how are you responding to these changes? _____

64) Have you ever had an accident in your log truck in last five years?

Yes No

If yes, please describe the circumstances:

| | <u>Causes</u> | <u>Locations</u> | <u>Cost of damage</u> | <u>Degree of injury</u> |
|------|---------------|------------------|-----------------------|-------------------------|
| 2006 | _____ | _____ | _____ | _____ |
| 2005 | _____ | _____ | _____ | _____ |
| 2004 | _____ | _____ | _____ | _____ |
| 2003 | _____ | _____ | _____ | _____ |
| 2002 | _____ | _____ | _____ | _____ |

65) What do you feel is the most dangerous part of your job as a log truck driver?

65) On a scale of 1-5 with 1 as safe and 5 as very dangerous please rate the following job situations relative to possible accident hazard.

- Loading logs on the landing _____
- Driving forest roads _____
- Driving county roads _____
- Driving state roads _____
- Driving Interstate roads _____
- Unloading logs at the dump _____
- Putting on and taking off log binders _____
- Other (please specify) _____

66) How much has your productivity changed, for better or worse, between 2000 and 2006?
(Indicate the approximate percentage) _____

67) What factors have most contributed to your productivity change?

68) Is your company currently? *(Check one).*

| Losing Money | Breaking Even | Making a Profit |
|--------------|---------------|-----------------|
| | | |

69) Given your response to the last question, what are your future plans?

| Retire/ Leave industry | Diversify to Other Trucking Industry | Downsize | Remain the Same | Expand Your Log Hauling Operations |
|------------------------------|---|----------|-----------------|---------------------------------------|
| | | | | |

70) How would you rate the business environment in WA State for the log hauling industry?

| Poor | Average | Good |
|------|---------|------|
| | | |

Why? _____

71) What state regulatory factors do you feel have reduced or improved your competitiveness, efficiency, and profitability?

72) What do you feel could be done at the state level to improve your business competitiveness?

73) What do you feel is the single most critical issue facing the log hauling industry over the next three years?

ADDITIONAL COMMENTS: *Please attach extra information sheets as may be needed.*

THANK YOU FOR TAKING THE TIME TO COMPLETE THIS SURVEY!

Please place completed survey forms in the enclosed envelop and return to:

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