

Oregon Update Migrant and Seasonal Farmworker Enumeration Profiles Study

FINAL REPORT

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HURRAH - IT'S DONE!



Why Estimate MSFWS?

- o Planning -- targeting services
- o Setting policy
- o Funding decisions
- o Advocacy
- o Politics

Why Is It So Hard?

- Definitions differ
- Migrants move
- Counting people more than once
- Sampling frame
- Population changes
- Agriculture changes

Oregon MSFW EPS Part of a Series

- MHP/EPA year 2000 (10 states):
Arkansas, California, Florida, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, Texas, Washington.
- NYCAMH harvest worker estimates:
New York (2003), Maine (2005).
- State initiated:
Oregon (2002), Idaho (2006), Michigan (2006), Georgia (2008), Arizona (2008).

Enumeration Updates

- Washington (2009).
- Michigan (begun 2012).
- **OREGON!** (2013)

Funding: OHA, Primary Care Office

Marc Overbeck, Director

Commonality for All MSFW EPS Studies

- Similar definitions
- Similar guidelines
- Very interactive process

BUT

- Each is state-specific
- Different detailed methodologies and sources

What Is Estimated?

Use the Migrant Health Program
Definition* to Estimate:

- o Migrant farmworkers; seasonal farmworkers
- o Non-farmworkers in same household
- o Children and youth under 20 years (some youth may be farmworkers)

*Changed Dec. 2012

Migrant Health Program Definition

- Migratory agricultural worker
 - Principal employment in agriculture
 - On a seasonal basis
 - In last 24 months
 - Establishes temporary abode
- Seasonal agricultural worker
 - Same, but not a temporary abode

MSFW EPS Particulars

What Industries Included?

- o Field and orchard agriculture
- o Nursery/greenhouse and crops under cover
- o Food processing - packing and sorting
- o Reforestation
- o Forest Gathering
- * Migrant Health added animal agriculture, dropped food processing, reforestation, and forest gathering.

MSFW EPS PARTICULARS

What Industries Excluded?

- o "Critters" - dairy, livestock, hogs, chickens
- o Fishing
- o Meat or poultry processing
- o Farm equipment operation
- o Produce transport
- o Agricultural services

MSFW EPS Particulars

What Demographic Features?

- o Migrant farmworkers/seasonal farmworkers
- o Accompanied/unaccompanied
- o For accompanied:
 - Household size
 - Number of farmworkers/household
 - Number of children/household
 - Children and youth in specific age groups

Oregon Has Base Estimates

- 2002 MSFW EPS - Used for 10 years by: advocates, agricultural producers, funders, government agencies and regulators, grant writers, legislators, media, planners, researchers, service programs, etc.
- First Question: changes in agricultural production, MSFW characteristics
- Known change: Indigenous workers.

Research Steps Oregon Study

- Internet-based survey seeking: changes, information, sources
- Utilize existing research, databases, agricultural statistics
- Request data runs: service organizations, government agencies
- Follow-up calls: clarification, specific information (agriculture, MSFW clients, research, etc.)
- Oregon site visit: gather and verify information

Research Steps Oregon Study

- Determine best means to estimate workers in each industry
- Extract demographic factors
- Develop Draft Report: estimates, explanatory narrative
- Draft review by local knowledgeable experts, compare to other MSFW counts
- Discussion and additional research
- Prepare and present Final Report

Content Of EPS Update Report

- o Description of methodology and sources
- o Assessment of changes 2002 to 2012/13
- o Estimates
 - MSFWs, migrant workers, seasonal workers (county)
 - Non-farmworkers in MSFW households (county)
 - MSFW children and youth under 20 years (state)
- o Other tables: field agriculture methods, non-farmworker estimate factors, Indigenous language requests
- o Bibliography

Difficulties

- Workforce changing RIGHT NOW
- No primary research to verify factors
- Reliance on existing information: reports, databases, client statistics, crop production statistics
- What's "the truth"
- Unknown factors

Study Strengths

- o Access to client databases
- o Site visits
- o Variety of sources for most demographic factors
- o Draft estimates and methodology examined by Oregon reviewers
- o Assistance from individuals in Oregon locating data, identifying sources, sharing knowledge

Findings: Changes

- Major growth in grapes/wine industry
- Increase in blueberry acreage - unclear if this means more hand labor jobs
- More sweet cherries - ? more workers
- Expanded crop variety to keep workers employed
- Nursery down due to housing recession, now on up-swing
- Food processing holding steady
- Immigration-related fear
- Demographic changes unclear

Findings: Indigenous Workers

- Definite presence and for some time
- Oregon organizations, research - more recognition/activity than in most other states
- Potential access barriers to receipt of health care and other services
- Unclear how many Indigenous people are being served by Oregon health center network

Major Data Sources for Estimates

- Census of Agriculture (NASS 2007)
- Oregon Unemployment Insurance Wage Database (worker numbers, three quarters or less, 2007-11 average)
- Client database demographics, generally a five-year average

Used NAICS Codes When Possible

- o North American Industrial Classification System
- o Used when data sources classed worker numbers by NAICS

SPECIFIC METHODOLOGIES

Field Agriculture

Demand for Labor (DFL) Formula

$$DFL = (A \times H / W \times S)$$

A: crop acreage

H: hours to perform task on one acre

W: work hours per farmworker per day

S: season length for peak activity

Rule-of-Thumb Methods

SPECIFIC METHODOLOGIES

Nursery/Greenhouse

- o Many workers are full-time not part-time/temporary
- o Oregon UI Database (NAICS 1114)
- o *Oregon Nursery and Greenhouse Survey (OR NASS, 2010)* - average three years for statewide figure

SPECIFIC METHODOLOGIES

Christmas Trees

- o DFL formula
- o *Oregon Agriculture and Fisheries Statistics, Christmas tree workers (OR NASS, 2011) - average four years for statewide figure*

SPECIFIC METHODOLOGIES

Food Processing

- o Did not use Oregon UI Database worker numbers (NAICS 3114)
- o Tried variety of methods
- o Used post-harvest DFL/Rule-of-Thumb factors (sorting, cleaning, grading, packing for fresh market)

SPECIFIC METHODOLOGIES

Reforestation

- o Statewide estimate only
- o Four methods
 - OR Labor Management Information System list of employers/employee range, NAICS 1153 reduced for reforestation
 - Oregon UI Database, NAICS 1153 adjusted for reforestation
 - DFL/Rule-of-Thumb (two methods)

SPECIFIC METHODOLOGIES

Forest Gathering

- o Ferns, salal, wreath-making material, mushrooms, etc.
- o Statewide estimate only
- o Oregon UI Database (NAICS 11321)

SPECIFIC METHODOLOGIES

Duplication Rate

- o Used for crop/food processing and reforestation estimates
- o Client database work history information for crop/food processing
- o Oregon UI Database for reforestation

SPECIFIC METHODOLOGIES

Non-Farmworker Calculations

- Apply percent identified migrant/seasonal
- Determine percent accompanied
- Divide accompanied by average farmworkers per household = number households
- Multiply accompanied households by average non-farmworkers per household

SPECIFIC METHODOLOGIES

Children and Youth

- Includes youth who may be farmworkers
- Multiply number households by average C&Y per household
- Apply percent in six age groups

Findings: Oregon Percent by Agricultural Industry

Field Agriculture/ Food Processing	83.4%
Nursery/Greenhouse	13.0%
Reforestation/ Forest Gathering	3.6%

Findings: Estimates

- 90,289 MSFWs (slightly less than 2002)
- 160,429 MSFW workers and non-farmworking household members
- 33.5% migrant; 66.5% seasonal
- 75.8% are accompanied households
- 80,123 MSFW children and youth (under 20 years of age)

Where to Find the Study

Primary Care Office Website:

<http://www.oregon.gov/oha/OHPR/PCO/Documents/2013%20Update%20to%20MSFW%20Enumeration%20Studies%20Report.pdf>

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Now My Work Is Done

I Hope This Helps You With
Your Work

Thanks To:

- Staff of MSFW-serving programs who offered information/their databases
- Individuals who participated in interviews, consulted via phone or email, offered methodological ideas and other suggestions
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For More Information:

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