

MIGRANT ENUMERATION PROJECT

1993

DEVELOPED BY

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FOR

MIGRANT LEGAL SERVICES

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STATEWIDE ESTIMATE PROCESS

STUDY PURPOSE AND OBJECTIVES:

The Migrant Enumeration Project estimated migrants and dependents in every state and Puerto Rico for Migrant Legal Services (MLS) programs. Research objectives included:

- * Develop reasonable and justifiable statewide estimates of migrants and their dependents.
- * Develop a process which seeks input from legal services providers and others who work with migrants to help ensure accuracy of data and assumptions.
- * Develop adjustment factors accounting for diversity of agricultural production, work arrangements and residence patterns of migrant households.

BACKGROUND:

MLS has been using a 1977 study to allocate program funds proportionate to the population to be served in each state. Given changes in agricultural production and migration patterns in the last fifteen years, an update was needed. The 1990 Census provides no information on migrants, and no other single reliable data source is available.

In June, 1991, MLS state program directors and researchers began discussing how to update these estimates. Actual work began in 1992 and lasted one year. Two research teams were involved: Larson & Colleagues of Vashon Island, Washington and the Tomas Rivera Center in Austin, Texas. Alice Larson and Luis Plascencia directed the respective research staff.

Initial plans were to revise and update the 1990 Migrant Health Atlas developed by the Office of Migrant Health, U.S. Public Health Service. Summaries of the original research reports for the Atlas were sent to a variety of migrant organizations in each state for their review. Given their comments and assessments made by the study team, this resource was found not to be the best estimation base for the MLS study. The final approach did, however, incorporate and expand the Atlas' demand for labor (DFL) technique.

METHODOLOGY USED:

Due to time and resource limitations, the project had to rely on secondary source material, modified through additional research and field review. Basic tenets included:

- * Estimates were to be employment, not residence, based.
- * For the most part, what was to be estimated were jobs not individuals.
- * Duplication within states or across states was not an issue.
- * The method was to be applied uniformly for each state but consider state specific variations.

MIGRANT DEFINITION:

The following MLS definition was incorporated into the study:

- * * A migrant is anyone who, while employed in seasonal agricultural labor during the last year, cannot return to his/her normal residence at night.
- * Migrants can be interstate, intrastate or home-based.
- * Seasonal agricultural activities include: (1) hand labor, (2) grading, sorting, packing or processing agricultural produce, (3) working in nurseries or greenhouses, or (4) tree planting and thinning operations. Seasonal laborers working in fisheries or dairies and with poultry, eggs or animals are excluded
- * A migrant dependent is anyone in the same residence who relies on the migrant worker's income. Family members not currently living with the migrant worker are excluded.

POPULATION SUBGROUPS ESTIMATED:

Workers in the following areas were included: field agriculture, forestry (tree planting and thinning), nurseries and greenhouses, food processing, cotton gins and crops grown under cover. Estimates of migrants who live but do not work at their home base were made for Texas and Puerto Rico.

METHODOLOGICAL DETAILS:

- * Field agricultural estimates were developed using county level

crop data and summarized into state totals. All other subgroups had only statewide estimates.

FIELD AGRICULTURE: Field agriculture used the DFL approach to estimate the number of workers needed to perform agricultural tasks, primarily harvesting. This figure was adjusted by the percent of workers who were migrants and increased by non-working dependents.

DFL uses four elements in a formula: $DFL = \frac{A \times H}{W \times S}$

Where:

- * A = crop acreage.
- H = hours needed to perform a specific operation (e.g., harvest) on one acre of the crop.
- W = work hours per farmworker per day during peak activity
- S = season length for peak work activity

Crop/county information was obtained for every "migrant county." A migrant county was defined as one in the service area of a program assisting migrants, location of a migrant labor camp or an area in which, for some other reason, migrants were thought to work.

Some crops were determined to be totally mechanized and not in need of seasonal labor. Other crops, reported to be partially mechanized, were discounted for the percent not using seasonal labor. Some mechanized crops were found to use seasonal laborers in preharvest activities (e.g., pruning, weeding). Preharvest DFL estimates were made on these crops. No crop had both preharvest and harvest DFL estimates for all acres.

The approach included identifying migrant counties, gathering appropriate data, calculating a statewide migrant percent to apply to the DFL estimate of workers needed, determining number of migrant households with non-working dependents and multiplying households by the number of non-working dependents per household. The final estimate added migrant workers to migrant dependents and summarized county/crop data statewide.

OTHER SUBGROUPS: All other subgroups were estimated using U.S. Department of Labor employment statistics available by Standard Industrial Classification (SIC) code. Three years of data, 1989-1991, were averaged. For food processing, cotton gins, nurseries/greenhouses and forestry the number of employees reported in the low month of the year was subtracted from the high month to screen out permanent and estimate seasonal workers. For crops grown under cover, extensive research from the Pennsylvania mushroom industry indicated the highest monthly figure would represent seasonal workers.

The migrant percent from the field agriculture DFL estimate was applied to all other subgroups except food processing, where only half of the field agriculture migrant percent was used (assuming greater seasonal worker involvement in this industry).

Dependents were calculated similar to the field agriculture estimate in all subgroups except forestry. In this industry, additional research indicated few migrants traveled with dependents.

For some states no Department of Labor employment statistics were available for the targeted SIC codes, although migrants were known to work in these industries. Further research found state specific data to estimate the subgroup populations.

Estimates of Texas and Puerto Rico migrants who live but do not work in agriculture at their home base states were derived from the minimal data available.

OUTSIDE REVIEW:

Four drafts of state numbers were developed and sent to MLS programs for their review and comments. These local contacts questioned details and pinpointed state variations, which often led to more detailed research.

The MLS programs formed an Advisory Group to the study which helped assure the basic research objectives were met and tenets followed. They received state specific input from MLS programs and forwarded comments to the study teams.

✓ In addition, a Review Panel meeting of outside migrant data experts was conducted in Washington, D.C. to allow for other researchers to comment on the study methodology and results from a more global perspective. Panel members agreed the study approach was reasonable given time and resource limitations. They helped the study teams identify areas in the methodology which could benefit from future research.

RESULTING DATA TABLES:

A summary data table was prepared listing each state's and Puerto Rico's migrant and dependent estimate and proportional national share of the total population. State tables were also developed showing calculations by crop for all seasonal agricultural employees, migrant workers, migrant households and number of migrant dependents. Both sets of tables are included in this report.

SOURCES OF DATA AND ASSUMPTIONS

FIELD AGRICULTURE:

ACREAGE (A): Bureau of the Census, 1987 Census of Agriculture was used to determine hand labor crop acreage in each county. This information was updated using state-produced agricultural statistics reports for crops known to have increased or decreased significantly in production since 1987.

HOURS (H): A national average of hours/acre for crop activities was obtained from state specific "crop enterprise budgets" (calculation of costs for developing a particular crop) prepared by state land grant university agricultural economics departments or university extension departments.

WORK HOURS (W): It was assumed migrants work an average of 7.4 hours based on a 37 hour/5 day average work week, as reported in the U.S. Department of Labor National Agricultural Worker Survey (NAWS) and in the U.S. Department of Agriculture Hired Workers study.

SEASON (S): Information on peak hand labor season was obtained from state agricultural statistics reports or knowledgeable sources within each state. If unavailable, state specific information contained in the following U.S. Department of Agriculture, Statistical Reporting Service reports was used: Usual Planting and Harvesting Dates for Field Crops, 1984; Potatoes, Sweet Potatoes: Usual Dates for Planting, Harvesting and Marketing, 1973; Usual Planting and Harvesting Dates for Fresh Market and Processing Vegetables, 1977; and Fruits and Tree Nuts: Blooming, Harvesting and Marketing Dates, 1975.

For crops grown in an individual state for which information was unavailable, season length from other states in the same USDA Farm Labor Region (Agricultural Statistics Board, Agricultural Statistical Service, 1991) was used. If this detail could not be obtained, a national average season length for all states on which information could be obtained was applied

Season length was reported in usual month and day for peak activity start and end. This was converted to actual work days by dividing the total number of days by seven to determine weeks and multiplying by five to calculate number of work days.

MIGRANT PERCENT: An average of migrant patient/client enrollment in Migrant Health and Migrant Education programs for 1990 and 1991 per state was used to determine migrant percent in each state. (For most states, four data sets were averaged.)

DEPENDENT FACTOR: Results from the most recent NAWS were used for the percent of migrants accompanied by family members.

States were grouped by USDA Farm Labor Region. NAWS was also used to derive the average number of dependents in such households (2) for all states.

SUBGROUPS:

U.S. Department of Labor, Bureau of Labor Statistics Employment and Wages Annual Averages, 1989-1991 was used for monthly employment. The following SIC codes represented each subgroup.

FORESTRY: SIC 0851 - forestry services.

FOOD PROCESSING: SIC 0723 - crop preparation services for market, SIC 5148 - fresh fruits and vegetables, SIC 2033 - canned fruits and vegetables, SIC 2037 - frozen fruits and vegetables.

COTTON GINNING: SIC 0724 - cotton ginning.

NURSERY/GREENHOUSE: SIC 0181 - ornamental floriculture and nursery products.

CROPS GROWN UNDER COVER: SIC 0182 - food crops grown under cover.

CONVERTING STATEWIDE ESTIMATES INTO COUNTIES/REGIONS

It is possible to subdivide a statewide estimate from the Migrant Enumeration Project into counties or regions if additional information is obtained. This can include more state specific factors, based on local details, than were in the original study. Any data source used should be considered for accuracy and value in relation to the purposes intended.

The following are suggestions for developing such estimates. They make up an outline of how such a process might work and where to find needed information. This, however, is not the only method or a comprehensive listing of data sources.

FIELD AGRICULTURE:

COUNTIES INCLUDED IN THE ESTIMATE:

The counties at the bottom of each state chart are the geographic subdivisions for which estimates can be made with the information in the Migrant Enumeration Project. It is possible to add counties changing the crop specific information.

CROPS AND WORK ACTIVITY SUBDIVISIONS:

The list of crops in the state table should be checked locally to assure none are missing and those noted use seasonal hand labor (are not mechanized). Personnel at state land grant universities or state departments of agriculture, those working for a crop or agricultural trade association, individual growers, and county extension agents are good sources to review the list.

As noted in the methodological summary for the Migrant Enumeration Project, no crop was given both a preharvest and harvest worker estimate. When making county level estimates, consideration might be given to migrant involvement in both types of activities.

ACRES:

Most acreage information is available from the 1987 U.S. Census of Agriculture. These figures are by county. Using this source, it is possible to subdivide the statewide acreage for each crop shown in the table into counties.

The notes at the bottom of the Field Agriculture Chart for each state may suggest another source for acreage figures; e.g., reports from a state department of agriculture. Any alternative source used should provide acreage figures by county. Updates for acreage information can be obtained from the 1992 U.S. Census of Agriculture, when it becomes available, or later editions of state department of agriculture reports.

HOURS:

In the Migrant Enumeration Project, the hours needed to perform a specific operation on one acre of the crop are a national average from all states for which such information is available. It may be possible to find more state specific data

The primary sources for such information are the "crop enterprise budgets" prepared by state land grant university agricultural economics departments or agricultural extension departments. Not every state develops these reports. Other documents may be available, or help obtained from local experts

If no state specific information is found, it would be reasonable to use the national averages from the Migrant Enumeration Project tables.

WORK HOURS:

The number of hours in a work day used in the study is a

national average of 7.4 for all crops. This may be different in an individual state or for a specific crop. Such information may be obtained from agricultural production experts in the state land grant university, crop or trade association personnel or other knowledgeable sources.

SEASON WORK DAYS:

Season length is from the sources described in the Migrant Enumeration Project summary; e.g., state agricultural statistics reports, knowledgeable sources and U.S. Department of Agriculture reports. It may be possible to verify the accuracy of this information through the local experts mentioned above.

MIGRANT PERCENT:

Local sources may be able to more accurately estimate the percent of seasonal agricultural workers (noted in the DFL estimate) who are migrants. These could include migrant service programs such as Migrant Health, Migrant Education, Migrant Head Start, JTPA or others. State employment departments also may have useful information, as many estimate the percent of migrants present in a geographic area for reports required by the U.S. Department of Labor.

Further local research may find migrant percent for a particular crop or a specific geographic subarea. These can be applied to migrant worker estimates for the specific regions, counties or crops to which they apply.

It is expected the migrant percents obtained from these sources will vary because each contains its own bias. For example, JTPA programs are usually slanted toward seasonal rather than migrant workers, as most services are geared to a less transient population. A reasonable approach might be to average several widely divergent migrant percent estimates.

If no other information is available, the statewide percent provided in the Migrant Enumeration Project can be used.

NUMBER MARRIED, HOUSEHOLDS, DEPENDENTS:

The study included NAWS factors to estimate dependents. It might be possible to obtain more localized information for the percent of migrants who are married, the number of households represented by this population and the average non-working dependents per household.

Sources might include service program enrollment, needs assessments or information obtained through other reports. It is important to carefully weigh any bias which might be

contained in such studies. For example, Migrant Education and Head Start Programs only serve families with non-working dependents and are not appropriate for estimating the percent of the population who are married. However, they may provide information on the number of non-working dependents per family.

SUBGROUPS:

AVERAGE WORKERS:

For most states, calculated averages from statistics gathered by the U.S. Department of Labor, Employment and Wages were used in the Migrant Enumeration Project to estimate seasonal workers in each subgroup; e.g., forestry, nurseries and food processing. A better alternative might be local employment reports for these specific industries.

Often such sources will not provide county level information. To be useful, it would be necessary to determine which counties in the state contain such industries (e.g., what counties have forests and where cotton is grown) to be able to attribute workers to a particular geographic area. The 1987 U.S. Census of Agriculture provides this information for many subgroups. State agencies and state trade associations can also be useful. The state office of the U.S. Forest Service might help with reforestation information.

OTHER FACTORS:

State specific information gathered for the field agriculture estimates, such as the percent of migrants who are married, may be relevant to the other subgroups. On the other hand, it might be possible to find data specific to a subgroup (e.g., migrant percent in food processing).

Similar to using information for field agriculture factors, care should be taken to weigh any possible bias.

ADDING SEASONAL FARMWORKERS ESTIMATES

It is possible to estimate the number of seasonal farmworkers and their dependents from the information provided. The "DFL" field agriculture number and the "Average Workers" subgroup figures in the tables include seasonal as well as migrant workers. Seasonal farmworkers can be calculated by subtracting the number of migrant workers from these larger estimates.

Factors used for the number of migrant dependents may not be

appropriate for seasonal dependents. For example, the Migrant Enumeration Project assumes an average of two migrants per household working in seasonal agriculture. This may not be true of seasonal farmworkers where the second adult in the household is more likely to be employed outside of agriculture.

For some states, it might be reasonable to use 1990 U.S. Census statistics to estimate seasonal farmworker dependents. Census data tapes, often accessible through state planning agencies or state universities, provide the average household size for those employed in agriculture. However, it should be noted individuals reported are more likely to be permanent not seasonal farmworkers. (Census employment questions ask the occupation of the respondent the week prior to April 1 when most migrant and seasonal farmworkers are not employed in agriculture.)

Local data may indicate almost all of the seasonal farmworkers in a specific state are Hispanic. In these instances, it might be reasonable to use 1990 Census data on Hispanics in major agricultural counties to find factors for dependents.

There may be some parts of a state where only seasonal, not migrant, farmworkers are used for hand labor. These counties would not be included in the Migrant Enumeration Project state table, which only estimates migrants.

CONTACTS FOR ADDITIONAL INFORMATION ON THE MIGRANT ENUMERATION PROJECT

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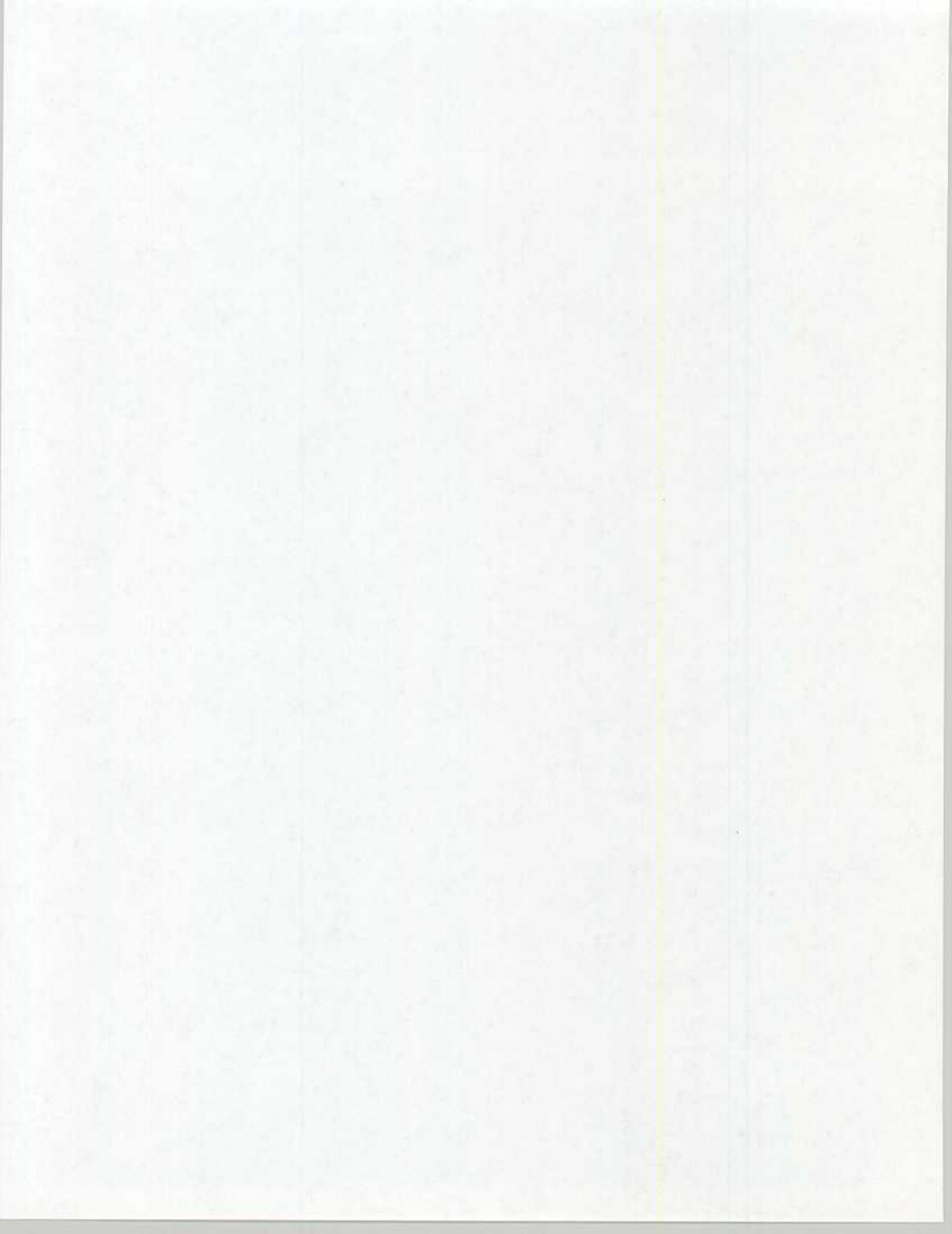
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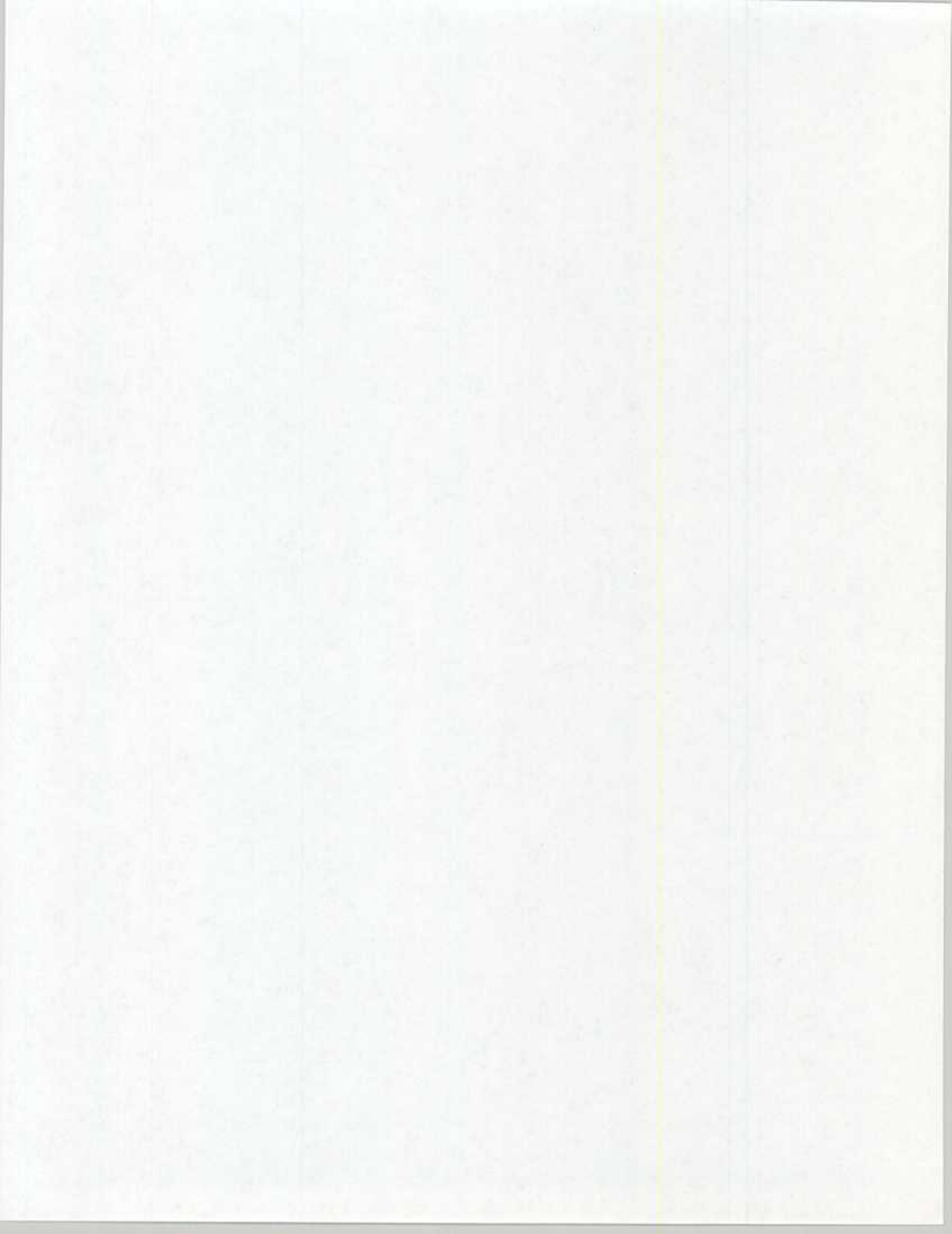
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COMPARATIVE STATEWIDE ESTIMATES OF MIGRANT AND DEPENDENTS

ALPHABETICAL BY STATE				IN RANK ORDER			
STATE	MIGRANTS & DEPENDENTS	PERCENT SHARE	RANK	STATE	MIGRANTS & DEPENDENTS	PERCENT SHARE	RANK
Alabama	8,726	0.29%	39	California	700,233	23.04%	1
Alaska	91	0.00%	51	Texas	370,815	12.20%	2
Arizona	41,130	1.35%	17	Florida	238,247	7.84%	3
Arkansas	18,734	0.62%	28	Washington	193,437	6.37%	4
California	700,233	23.04%	1	Michigan	161,020	5.30%	5
Colorado	39,290	1.29%	18	Oregon	147,245	4.85%	6
Connecticut	4,418	0.15%	42	North Carolina	142,144	4.68%	7
Delaware	6,583	0.22%	41	Georgia	104,101	3.43%	8
Florida	238,247	7.84%	3	Puerto Rico	77,075	2.54%	9
Georgia	104,101	3.43%	8	New York	73,423	2.42%	10
Hawaii	18,278	0.60%	29	Illinois	66,214	2.18%	11
Idaho	49,625	1.63%	14	Minnesota	53,145	1.75%	12
Illinois	66,214	2.18%	11	South Carolina	52,445	1.73%	13
Indiana	30,299	1.00%	22	Idaho	49,625	1.63%	14
Iowa	10,010	0.33%	37	Pennsylvania	43,963	1.45%	15
Kansas	3,150	0.10%	45	Virginia	41,876	1.38%	16
Kentucky	11,289	0.37%	36	Arizona	41,130	1.35%	17
Louisiana	7,357	0.24%	40	Colorado	39,290	1.29%	18
Maine	19,039	0.63%	27	Ohio	33,631	1.11%	19
Maryland	24,267	0.80%	23	New Jersey	32,007	1.05%	20
Massachusetts	4,414	0.15%	43	North Dakota	30,745	1.01%	21
Michigan	161,020	5.30%	5	Indiana	30,299	1.00%	22
Minnesota	53,145	1.75%	12	Maryland	24,267	0.80%	23
Mississippi	15,139	0.50%	33	Wisconsin	24,138	0.79%	24
Missouri	21,555	0.71%	25	Missouri	21,555	0.71%	25
Montana	14,480	0.48%	34	New Mexico	20,784	0.68%	26
Nebraska	12,697	0.42%	35	Maine	19,039	0.63%	27
Nevada	666	0.02%	49	Arkansas	18,734	0.62%	28
New Hampshire	2,639	0.09%	46	Hawaii	18,278	0.60%	29
New Jersey	32,007	1.05%	20	Utah	17,991	0.59%	30
New Mexico	20,784	0.68%	26	Tennessee	16,824	0.55%	31
New York	73,423	2.42%	10	Oklahoma	16,599	0.55%	32
North Carolina	142,144	4.68%	7	Mississippi	15,139	0.50%	33
North Dakota	30,745	1.01%	21	Montana	14,480	0.48%	34
Ohio	33,631	1.11%	19	Nebraska	12,697	0.42%	35
Oklahoma	16,599	0.55%	32	Kentucky	11,289	0.37%	36
Oregon	147,245	4.85%	6	Iowa	10,010	0.33%	37
Pennsylvania	43,963	1.45%	15	West Virginia	9,697	0.32%	38
Puerto Rico	77,075	2.54%	9	Alabama	8,726	0.29%	39
Rhode Island	469	0.02%	50	Louisiana	7,357	0.24%	40
South Carolina	52,445	1.73%	13	Delaware	6,583	0.22%	41
South Dakota	1,053	0.03%	48	Connecticut	4,418	0.15%	42
Tennessee	16,824	0.55%	31	Massachusetts	4,414	0.15%	43
Texas	370,815	12.20%	2	Wyoming	3,299	0.11%	44
Utah	17,991	0.59%	30	Kansas	3,150	0.10%	45
Vermont	2,148	0.07%	47	New Hampshire	2,639	0.09%	46
Virginia	41,876	1.38%	16	Vermont	2,148	0.07%	47
Washington	193,437	6.37%	4	South Dakota	1,053	0.03%	48
West Virginia	9,697	0.32%	38	Nevada	666	0.02%	49
Wisconsin	24,138	0.79%	24	Rhode Island	469	0.02%	50
Wyoming	3,299	0.11%	44	Alaska	91	0.00%	51
TOTAL	3,038,644	100.00%		TOTAL	3,038,644	100.00%	



STATE SPECIFIC TABLES



HOW TO USE STATE DATA TABLES

FIELD AGRICULTURE CHART:

"Crop"	Lists various crops on which estimates are based. Three subdivisions are included: "harvest" based on harvest activities; "preharvest" for activities prior to harvest (e.g., weeding, pruning, etc.); "diversified crops" those with some production elements peculiar to the specific state.
Col A, "Acres"	Acres of each crop grown in the state.
Col B, "Hours"	Hours needed to perform the specified activity (e.g., harvest) on one acre of the crop.
Col C, "Work Hours"	Hours worked per farmworker per day during peak activity.
Col D, "Season Work Days"	Number of actual work days during the peak activity season, calculated on a five day work week.
Col E, "DFL Calculation"	"Demand for Labor" estimate of all seasonal laborers needed to perform the specified activity. $(\text{Acres} \times \text{Hours}) / (\text{Work Hours} \times \text{Season Work Days})$
Col F, "Migrant Wkers"	Estimated number of migrant workers based on the migrant percent (indicated at the top of the column) times the DFL figure.
Col G, "Number Married"	Estimate of married workers calculated by applying the percent married (at the top of the column) against the number of migrant workers.
Col H, "Number Hseholds"	Married workers divided by 2 to estimate the number of households.
Col I, "Number Dependts"	Estimated households multiplied by 2 to determine number of non-working dependents.
Col F+I, "Migrant Wkers Plus Dependts"	Number of migrant workers added to migrant dependents to obtain a final estimate.
Notes At The Bottom Of The Chart	Information relevant to the specific state estimates, usually involving elements in preharvest or diversified crops.

"Counties Included In Estimate"	List of counties in the state determined to have migrant workers.
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SUBGROUPS CHART:

"Subgroup"	Lists subgroups for which estimates are provided
Col A, "SIC Code"	Gives Standard Industrial Classification Code and description for each category under the subgroup.
Col B, "Average Workers"	Calculation of all seasonal laborers involved in subgroup activities.
Col C, "% Migrant Wkers"	The percent of "average workers" who are migrants.
Col D, "Migrant Wkers"	Number of migrant workers based on the migrant percent times average workers.
Col E, "% Married"	The percent of migrant workers who are married.
Col F, "Number Married"	Estimate of married workers from percent married times the number of migrant workers.
Col G, "Number Hshlds"	Number of households calculated by dividing estimate of married workers by 2.
Col H, "Number Depndts"	Households multiplied by 2 to determine number of non-working dependents.
Col C+H, "Migrant Wkers Plus Depndts"	Number of migrant workers added to migrant dependents to obtain a final estimate.

SUBTOTALS AND GRAND TOTAL:

Each chart provides subtotals; i.e. for field agriculture and for all other subgroups. The final table figure is the Grand Total estimate of migrants and dependents in the state.

SPECIAL NOTE ON THE STATE OF MISSISSIPPI:

A special field research study was conducted in Mississippi in 1992 as part of a legal needs assessment. The results of this investigation are provided as the preferred migrant and dependent estimate. For comparability, an estimate was also made using the methodology applied to every other state in the Enumeration Project.

ALABAMA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (55.7%)	X (29.6%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	471	91.00	7.4	27.14	213.39	118.86	35.18	17.59	35.18	154
Blackberries	17	60.00	7.4	15.00	9.19	5.12	1.52	0.76	1.52	7
Broccoli	140	98.00	7.4	38.57	48.07	26.77	7.93	3.96	7.93	35
Cantaloups	199	60.00	7.4	22.14	72.87	40.59	12.01	6.01	12.01	53
Cherries	2	202.00	7.4	9.29	5.88	3.27	0.97	0.48	0.97	4
Collards	556	92.00	7.4	38.57	179.21	99.82	29.55	14.77	29.55	129
Cucumber/Pickle	340	110.00	7.4	21.43	235.86	131.37	38.89	19.44	38.89	170
Eggplant	30	157.00	7.4	58.57	10.87	6.05	1.79	0.90	1.79	8
Figs	1	45.00	7.4	29.29	0.21	0.12	0.03	0.02	0.03	0
Head Cabbage	129	90.00	7.4	29.29	53.57	29.84	8.83	4.42	8.83	39
Hot Peppers	20	272.00	7.4	30.71	23.93	13.33	3.95	1.97	3.95	17
Irish Potatoes	18,395	11.00	7.4	22.14	1,234.89	687.83	203.60	101.80	203.60	891
Kale	5	180.00	7.4	38.57	3.15	1.76	0.52	0.26	0.52	2
Okra	77	206.00	7.4	32.14	66.69	37.14	10.99	5.50	10.99	48
Other Berries	86	172.00	7.4	22.86	87.45	48.71	14.42	7.21	14.42	63
Peaches	1,590	73.00	7.4	47.86	327.75	182.56	54.04	27.02	54.04	237
Pecans	19,278	15.00	7.4	21.43	1,823.59	1,015.74	300.66	150.33	300.66	1,316
Pimientoes	420	16.00	7.4	34.29	26.49	14.75	4.37	2.18	4.37	19
Plums/Prunes	71	34.00	7.4	22.14	14.73	8.21	2.43	1.21	2.43	11
Pumpkins	212	22.00	7.4	17.86	35.30	19.66	5.82	2.91	5.82	25
Squash	506	110.00	7.4	61.43	122.45	68.20	20.19	10.09	20.19	88
Sweet Corn	2,799	37.00	7.4	22.14	632.03	352.04	104.20	52.10	104.20	456
Sweet Potatoes	2,854	82.00	7.4	76.43	413.79	230.48	68.22	34.11	68.22	299
Tame Blueberries	15	106.00	7.4	21.43	10.03	5.59	1.65	0.83	1.65	7
Tomatoes	2,633	280.00	7.4	31.43	3,169.95	1,765.66	522.64	261.32	522.64	2,288
Turnip Greens	551	140.00	7.4	38.57	270.26	150.53	44.56	22.28	44.56	195
Turnips	158	26.00	7.4	40.00	13.88	7.73	2.29	1.14	2.29	10
Watermelon	3,179	53.00	7.4	24.29	937.53	522.20	154.57	77.29	154.57	677
PREHARVEST										
Cotton	23,895	2.40	7.4	35.00	221.42	123.33	36.51	18.25	36.51	160
Grapes	48	40.00	7.4	30.00	8.65	4.82	1.43	0.71	1.43	6

ALABAMA continued

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (100.0%)	X (29.6%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
DIVERSIFIED CROPS										
Soybeans	15,048	2.00	7.4	21.00	193.67	193.67	57.33	28.66	57.33	251
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										7,667
Only an average of 6.93% of soybean acres are worked by migrants. Source: survey by Minnesota and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
Baldwin, Blount, Cherokee, Coffee, Covington, Cullman, DeKalb, Etowah, Franklin, Geneva, Jackson, Mobile, Morgan, Pike, St Clair, Washington										

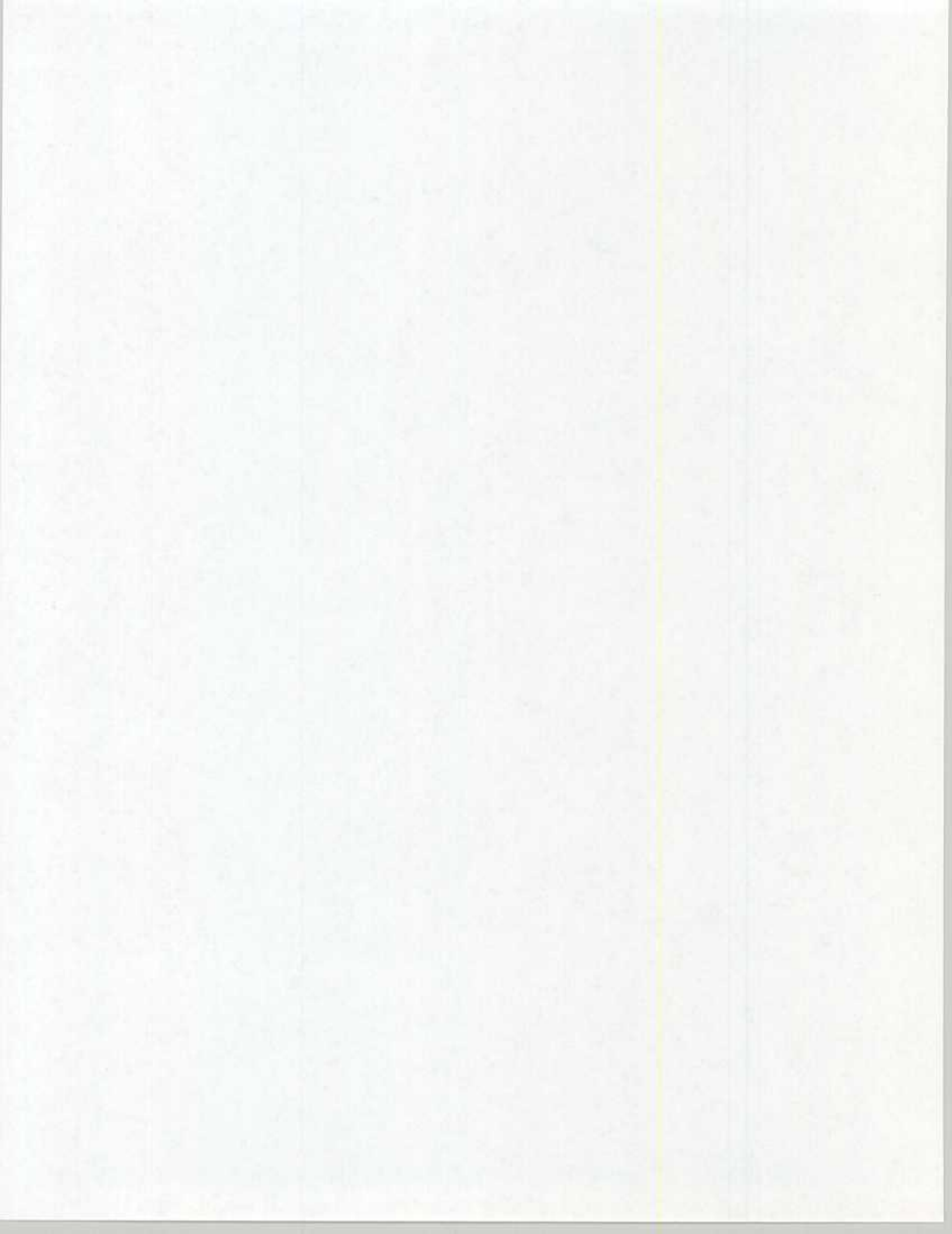
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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C+H	
			%	NUMBER			/ (2)	X (2)	MIGRANT	
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS	
FORESTRY	0851 Forestry Services	552	100.00%	552.00	0.00%	0.00	0.00	0.00	552	
FOOD PROCESSING	0723 Crop Preparation	32	27.85%	8.91	29.60%	2.64	1.32	2.64	12	
	5148 Fresh Fruits & Veggies Wholesale	204	27.85%	56.81	29.60%	16.82	8.41	16.82	74	
	2033 Canned Fruits & Vegetables	0	27.85%	0.00	29.60%	0.00	0.00	0.00	0	
	2037 Frozen Fruits & Vegetables	0	27.85%	0.00	29.60%	0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	584	55.70%	325.29	29.60%	96.29	48.14	96.29	422	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0.00	0	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									1,059	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										8,726

ALASKA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (41.6%)	X (46.8%)	\ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Broccoli	36	98.00	7.4	42.14	11.31	4.71	2.20	1.10	2.20	7
Cauliflower	11	94.00	7.4	40.00	3.49	1.45	0.68	0.34	0.68	2
Head Cabbage	47	90.00	7.4	43.57	13.12	5.46	2.55	1.28	2.55	8
Irish Potatoes	740	11.00	7.4	39.29	28.00	11.65	5.45	2.73	5.45	17
Lettuce/Romaine	113	107.00	7.4	43.57	37.50	15.60	7.30	3.65	7.30	23
Strawberries	4	556.00	7.4	26.43	11.37	4.73	2.21	1.11	2.21	7
PREHARVEST										
Carrots	22	10.00	7.4	22.00	1.35	0.56	0.26	0.13	0.26	1
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										65
COUNTIES INCLUDED IN ESTIMATE:				Anchorage Area, Fairbanks Area, Kenai Peninsula, Juneau Area						

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER	%	NUMBER	/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	MARRIED	MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	20	100.00%	20.00	0.00%	0.00	0.00	0.00	20
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0
	5148 Fresh Fruits & Veggies Wholesale	21	20.80%	4.37	46.80%	2.04	1.02	2.04	6
	2033 Canned Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0.00	0
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									26
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									91



ARIZONA	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
	ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (54.4%) MIGRANT WPKRS	X (51.0%) NUMBER MARRIED	NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WPKRS PLUS DEPENDTS
HARVEST										
Almonds	8	1.00	7.4	35.71	0.03	0.02	0.01	0.00	0.01	0
Apples	4,702	91.00	7.4	40.71	1,420.19	772.58	394.02	197.01	394.02	1,167
Apricots	72	96.00	7.4	11.43	81.73	44.48	22.68	11.34	22.68	67
Asparagus	1,775	84.00	7.4	30.00	671.62	365.36	186.33	93.17	186.33	552
Bell Peppers	120	128.00	7.4	34.29	60.54	32.93	16.80	8.40	16.80	50
Broccoli	2,230	98.00	7.4	64.29	459.39	249.91	127.45	63.73	127.45	377
Cantaloups	11,801	60.00	7.4	22.14	4,321.20	2,350.73	1,198.87	599.44	1,198.87	3,550
Cauliflower	611	94.00	7.4	43.57	178.13	96.90	49.42	24.71	49.42	146
Cucumber/Pickles	86	110.00	7.4	21.43	59.66	32.45	16.55	8.28	16.55	49
Endive	75	133.00	7.4	33.57	40.15	21.84	11.14	5.57	11.14	33
Escarole	75	75.00	7.4	28.57	26.60	14.47	7.38	3.69	7.38	22
Figs	45	45.00	7.4	29.29	9.34	5.08	2.59	1.30	2.59	8
Grapefruit	5,119	49.00	7.4	142.14	238.46	129.72	66.16	33.08	66.16	196
Green Onions	300	220.00	7.4	32.14	277.48	150.95	76.98	38.49	76.98	228
Head Cabbage	604	90.00	7.4	43.57	168.60	91.72	46.78	23.39	46.78	138
Honeydew Melons	1,450	120.00	7.4	10.71	2,194.59	1,193.86	608.87	304.43	608.87	1,803
Hot Peppers	745	272.00	7.4	43.57	628.48	341.89	174.37	87.18	174.37	516
Irish Potatoes	3,411	11.00	7.4	32.86	154.32	83.95	42.81	21.41	42.81	127
Jojoba	7,222	200.00	7.4	21.43	9,108.83	4,955.20	2,527.15	1,263.58	2,527.15	7,482
Kale	109	180.00	7.4	49.29	53.80	29.26	14.93	7.46	14.93	44
Lemons	18,932	30.00	7.4	110.00	697.74	379.57	193.58	96.79	193.58	573
Lettuce/Romaine	53,241	107.00	7.4	49.29	15,619.86	8,497.21	4,333.57	2,166.79	4,333.57	12,831
Mustard Greens	307	179.00	7.4	49.29	150.67	81.97	41.80	20.90	41.80	124
Oranges	10,982	27.00	7.4	42.86	934.95	508.62	259.39	129.70	259.39	768
Parsley	40	293.00	7.4	33.57	47.18	25.66	13.09	6.54	13.09	39
Peaches	299	73.00	7.4	20.71	142.39	77.46	39.51	19.75	39.51	117
Pecans	13,440	15.00	7.4	40.71	669.13	364.01	185.64	92.82	185.64	550
Pistachios	1,630	15.00	7.4	44.29	74.61	40.59	20.70	10.35	20.70	61
Plums	48	34.00	7.4	22.14	9.96	5.42	2.76	1.38	2.76	8
Pumpkins	258	22.00	7.4	17.86	42.95	23.37	11.92	5.96	11.92	35
Rapini	200	79.00	7.4	42.14	50.66	27.56	14.06	7.03	14.06	42
Spinach	263	218.00	7.4	29.29	264.56	143.92	73.40	36.70	73.40	217
Squash	315	110.00	7.4	61.43	76.23	41.47	21.15	10.57	21.15	63
Sweet Corn	433	37.00	7.4	29.29	73.93	40.22	20.51	10.26	20.51	61
Tangelos	2,187	55.00	7.4	22.86	711.14	386.86	197.30	98.65	197.30	584

ARIZONA continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
			WORK	SEASON	COLUMNS	X (54.4%)	X (51.0%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	HOURS	WORK	(AxB)/(Cx D)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
				DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
Turnips	80	26.00	7.4	21.43	13.12	7.14	3.64	1.82	3.64	11
Watermelons	4,051	53.00	7.4	66.43	436.77	237.60	121.18	60.59	121.18	359
PREHARVEST										
Carrots	2,208	10.00	7.4	22.00	135.63	73.78	37.63	18.81	37.63	111
Cotton	376,843	2.40	7.4	35.00	3,491.98	1,899.64	968.82	484.41	968.82	2,868
Grapes	8,296	40.00	7.4	30.00	1,494.77	813.16	414.71	207.36	414.71	1,228
DIVERSIFIED CROPS										
Dry Onions	538	161.00	7.4	15.00	780.34	424.51	216.50	108.25	216.50	641
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										37,845
Arizona Agricultural Statistics were used for c										
Half of dry onion acres are mechanized.										
COUNTIES INCLUDED IN ESTIMATE:										
ICochise, Coconino, Gila, Graham, Greenlee, La Paz, Maricopa, Pima, Pinal, Yuma										

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	
		%	NUMBER			/ (2)	X (2)	MIGRANT		
SUBGROUP	SIC CODE	AVERAGE	MIGRANT	MIGRANT	%	NUMBER	NUMBER	NUMBER	WKERS PLUS	
		WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS	
FORESTRY	0851 Forestry Services	36	100.00%	36.00	0.00%	0.00	0.00	0.00	36	
FOOD PROCESSING	0723 Crop Preparation	1,829	27.20%	497.49	51.00%	253.72	126.86	253.72	751	
	5148 Fresh Fruits & Veggies Wholesale	1,700	27.20%	462.40	51.00%	235.82	117.91	235.82	698	
	2033 Canned Fruits & Vegetables	415	27.20%	112.88	51.00%	57.57	28.78	57.57	170	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
COTTON GINNING	10724 Cotton Ginning & Pickery	944	54.40%	513.54	51.00%	261.90	130.95	261.90	775	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,039	54.40%	565.22	51.00%	288.26	144.13	288.26	853	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									3,285	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										41,130

ARKANSAS										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (65.2%)	X (29.6%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	1,896	91.00	7.4	20.71	1,125.56	733.87	217.22	108.61	217.22	951
Cantaloupes	95	60.00	7.4	25.71	29.95	19.53	5.78	2.89	5.78	25
Collards	94	92.00	7.4	26.43	44.22	28.83	8.53	4.27	8.53	37
Mustard Greens	130	179.00	7.4	22.14	142.01	92.59	27.41	13.70	27.41	120
Peaches	3,613	73.00	7.4	35.00	1,018.32	663.94	196.53	98.26	196.53	860
Pecans	5,459	15.00	7.4	25.71	430.32	280.57	83.05	41.52	83.05	364
Spinach	607	218.00	7.4	19.29	927.19	604.53	178.94	89.47	178.94	783
Squash	339	110.00	7.4	21.43	235.16	153.32	45.38	22.69	45.38	199
Strawberries	110	556.00	7.4	19.29	428.54	279.41	82.70	41.35	82.70	362
Sweet Corn	220	37.00	7.4	40.72	27.02	17.62	5.21	2.61	5.21	23
Tame Blueberries	408	106.00	7.4	30.00	194.81	127.01	37.60	18.80	37.60	165
Tomatoes	1,000	280.00	7.4	44.00	859.95	560.69	165.96	82.98	165.96	727
Watermelons	3,244	53.00	7.4	34.29	677.65	441.83	130.78	65.39	130.78	573
PREHARVEST										
Cotton	432,845	2.40	7.4	15.00	9,358.62	6,101.82	1,806.14	903.07	1,806.14	7,908
Grapes	2,260	40.00	7.4	85.72	142.52	92.92	27.51	13.75	27.51	120
						% MIG				
						(100%)				
DIVERSIFIED CROPS										
Soybeans	165,544	2.00	7.4	21.00	2,130.55	2,130.55	630.64	315.32	630.64	2,761
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										15,978
Only an average of 6.93% of the 2,388,805 soybean acres are worked by migrants. Source: survey by Minn. and N. Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
Ashley, Benton, Boone, Bradley, Calhoun, Carroll, Chicot, Clark, Clay, Cleburne, Conway, Craighead, Crawford, Crittendon, Cross, Desha, Drew, Faulkner, Franklin, Greene, Hempstead, Hot Spring, Howard, Independence, Jefferson, Johnson, Lafayette, Lawrence, Lee, Lincoln, Little River, Logan, Lonoke, Madison, Marion, Miller, Mississippi, Montgomery, Nevada, Newton, Phillips, Pike, Polk, Pulaski, St. Francis, Saline, Searcy, Sebastan, Sevier, Sharp, Stone, Union, Washington, White, Woodruff, Yell										

ARKANSAS continued									
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDs	NUMBER DEPENDTs	WKERS PLUS DEPENDTs
FORESTRY	0851 Forestry Services	834	100.00%	834.00	0.00%	0.00	0.00	0.00	834
FOOD PROCESSING	0723 Crop Preparation	66	32.60%	21.52	29.60%	6.37	3.18	6.37	28
	5148 Fresh Fruits & Vega. Wholesale	0		0.00		0.00	0.00	0.00	0
	2033 Canned Fruits & Vegetables	388	32.60%	126.49	29.60%	37.44	18.72	37.44	164
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	1,660	65.20%	1,082.32	29.60%	320.37	160.18	320.37	1,403
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	388	65.20%	252.98	29.60%	74.88	37.44	74.88	328
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0
				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS					2,756
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									18,734

CALIF

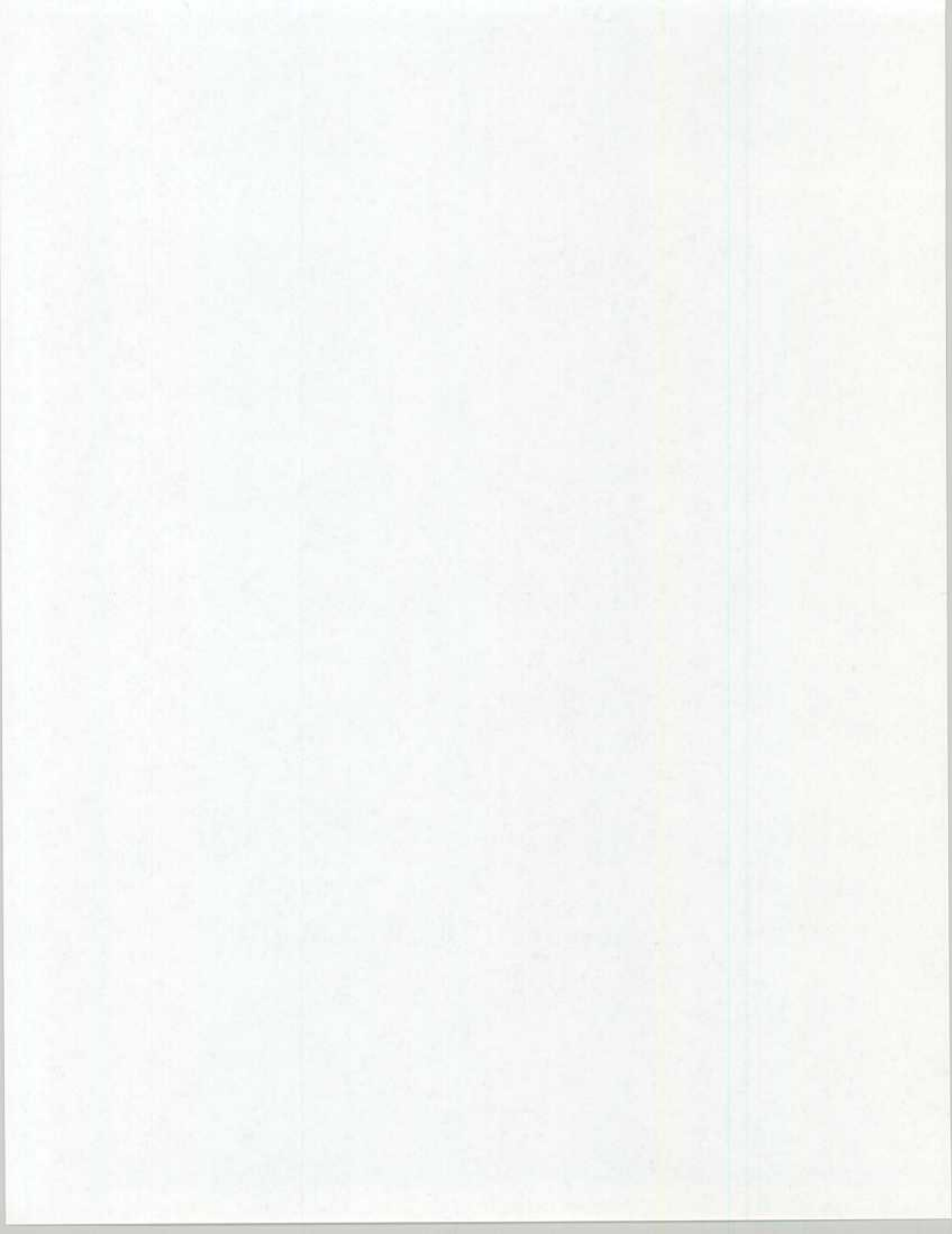
	COL A	COL D SEASON WORK	E MNS (CXD)	COL G X (51.0%) NUMBER	H	COL I X (2) NUMBER	COL F+I MIGRANT
Apples	427,685	1.00	6,827		220.36	440.72	1,305
	34,105	91.00	11,078.47		1,508.56	3,017.11	8,933
	21,027	96.00	11,232.23		1,529.49	3,058.99	9,057
	11,757	65.00	3,076.16		418.88	837.76	2,480
	35,012	84.00	11,591.81		1,578.46	3,156.91	9,347
	79,270	84.00	8,233.66		1,121.18	2,242.36	6,639
	345	6.00	186.49		25.39	50.79	150
	386	6.00	208.85		28.41	56.82	168
	74,683	00	26,125.72		3,557.54	7,115.08	21,066
	4,197	00	1,035.69		141.03	282.06	835
	63,361	00	18,927.18	1	2,577.31	5,154.63	15,262
	36,397	00	9,380.82		1,277.39	2,554.77	7,564
	22,468	1.00	8,780.14		1,195.59	2,391.18	7,080
	485	1.00	988.15		134.56	269.11	797
	3,749	1.00	748.24		101.89	203.78	603
	206	1.00	96.91		13.20	26.39	78
	6,934	1.00	4,810.07		654.99	1,309.98	3,879
	222	00	165.79		22.58	45.15	134
	135	00	72.27		9.84	19.68	58
	6,717	00	2,173.71		295.99	591.99	1,753
	503	00	184.45		25.12	50.23	149
	497	00	286.08		36.23	72.46	215
	181,000	15.00	2,841.22		1,748.59	3,497.18	10,354
	216	75.00	76.62		10.43	20.87	62
	16,439	45.00	3,413.50		464.82	929.63	2,752
	21,458	49.00	1,400.86		190.75	381.51	1,130
	8,938	220.00	4,428.74		603.06	1,206.12	3,571
	26	135.00	4.67		0.64	1.27	4
	9,918	90.00	855.76		252.70	505.40	1,496
	18,023	120.00	8,895.02		1,211.23	2,422.47	7,172
	4,871	272.00	4,109.16		559.54	1,119.09	3,313
	46,976	11.00	1,163.82		158.48	316.95	938
	479	180.00	347.06		47.26	94.52	280
	8,909	175.00	1,359.26		185.09	370.18	1,096
	57	175.00	8.70		1.18	2.37	7

CALIFORNIA continued																					
CROP	COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL I		COL F+I		
	ACRES	HOURS	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	MIGRANT WPKERS	X (53.4%)	NUMBER MARRIED	HSEHLD	NUMBER	X (51.0%)	NUMBER	DEPENDTS	NUMBER	X (2)	NUMBER	DEPENDTS	WPKERS PLUS	DEPENDTS	
Lemons	47,785	30.00	7.4	77.86	2,487.14	1,328.13	677.35	338.67	677.35	677.35	338.67	677.35	677.35	677.35	338.67	677.35	677.35	677.35	677.35	2,005	
Lettuce/Romaine	166,695	107.00	7.4	35.71	67,488.95	36,039.10	18,379.94	9,189.97	18,379.94	18,379.94	9,189.97	18,379.94	18,379.94	18,379.94	9,189.97	18,379.94	18,379.94	18,379.94	18,379.94	54,419	
Limes	1,230	49.00	7.4	65.71	123.94	66.18	33.75	16.88	33.75	33.75	16.88	33.75	33.75	33.75	16.88	33.75	33.75	33.75	33.75	100	
Macadamia Nuts	572	60.00	7.4	44.29	104.73	55.92	28.52	14.26	28.52	28.52	14.26	28.52	28.52	28.52	14.26	28.52	28.52	28.52	28.52	84	
Mustard Greens	1,686	179.00	7.4	26.43	1,543.14	824.04	420.26	210.13	420.26	420.26	210.13	420.26	420.26	420.26	210.13	420.26	420.26	420.26	420.26	1,244	
Nectarines	29,162	38.00	7.4	21.43	6,988.37	3,731.79	1,903.21	951.61	1,903.21	1,903.21	951.61	1,903.21	1,903.21	1,903.21	951.61	1,903.21	1,903.21	1,903.21	1,903.21	5,635	
Okra	157	206.00	7.4	21.43	203.96	108.91	55.55	27.77	55.55	55.55	27.77	55.55	55.55	55.55	27.77	55.55	55.55	55.55	55.55	164	
Olives	33,264	74.00	7.4	37.86	8,786.72	4,692.11	2,392.97	1,196.49	2,392.97	2,392.97	1,196.49	2,392.97	2,392.97	2,392.97	1,196.49	2,392.97	2,392.97	2,392.97	2,392.97	7,085	
Oranges	192,172	27.00	7.4	78.57	8,923.96	4,765.39	2,430.35	1,215.18	2,430.35	2,430.35	1,215.18	2,430.35	2,430.35	2,430.35	1,215.18	2,430.35	2,430.35	2,430.35	2,430.35	7,196	
Other Tangerines	2,776	35.00	7.4	78.57	167.11	89.23	45.51	22.75	45.51	45.51	22.75	45.51	45.51	45.51	22.75	45.51	45.51	45.51	45.51	135	
Parsley	1,550	293.00	7.4	33.57	1,828.09	976.20	497.86	248.93	497.86	497.86	248.93	497.86	497.86	497.86	248.93	497.86	497.86	497.86	497.86	1,474	
Peaches	52,100	73.00	7.4	22.86	22,485.73	12,007.38	6,123.76	3,061.88	6,123.76	6,123.76	3,061.88	6,123.76	6,123.76	6,123.76	3,061.88	6,123.76	6,123.76	6,123.76	6,123.76	18,131	
Pears	28,144	76.00	7.4	21.43	13,488.84	7,203.04	3,673.55	1,836.77	3,673.55	3,673.55	1,836.77	3,673.55	3,673.55	3,673.55	1,836.77	3,673.55	3,673.55	3,673.55	3,673.55	10,877	
Pecans	3,234	15.00	7.4	30.00	218.51	116.69	59.51	29.75	59.51	59.51	29.75	59.51	59.51	59.51	29.75	59.51	59.51	59.51	59.51	176	
Persimmons	2,357	90.00	7.4	30.00	955.54	510.26	260.23	130.12	260.23	260.23	130.12	260.23	260.23	260.23	130.12	260.23	260.23	260.23	260.23	770	
Pistachios	5,017	15.00	7.4	44.29	229.64	122.63	62.54	31.27	62.54	62.54	31.27	62.54	62.54	62.54	31.27	62.54	62.54	62.54	62.54	185	
Plums	41,900	34.00	7.4	23.57	8,167.24	4,361.31	2,224.27	1,112.13	2,224.27	2,224.27	1,112.13	2,224.27	2,224.27	2,224.27	1,112.13	2,224.27	2,224.27	2,224.27	2,224.27	6,586	
Pomegranates	3,449	25.00	7.4	25.00	466.08	248.89	126.93	63.47	126.93	126.93	63.47	126.93	126.93	126.93	63.47	126.93	126.93	126.93	126.93	376	
Pumpkins	3,998	22.00	7.4	17.86	665.61	355.44	181.27	90.64	181.27	181.27	90.64	181.27	181.27	181.27	90.64	181.27	181.27	181.27	181.27	537	
Radishes	2,532	367.00	7.4	21.43	5,860.10	3,129.29	1,595.94	797.97	1,595.94	1,595.94	797.97	1,595.94	1,595.94	1,595.94	797.97	1,595.94	1,595.94	1,595.94	1,595.94	4,725	
Rhubarb	41	120.00	7.4	15.71	42.31	22.59	11.52	5.76	11.52	11.52	5.76	11.52	11.52	11.52	5.76	11.52	11.52	11.52	11.52	34	
Spinach	9,710	218.00	7.4	43.57	6,585.11	3,505.77	1,787.94	893.97	1,787.94	1,787.94	893.97	1,787.94	1,787.94	1,787.94	893.97	1,787.94	1,787.94	1,787.94	1,787.94	5,294	
Squash	7,586	110.00	7.4	61.43	1,835.71	980.27	499.94	249.97	499.94	499.94	249.97	499.94	499.94	499.94	249.97	499.94	499.94	499.94	499.94	1,480	
Strawberries	16,600	556.00	7.4	65.00	19,188.36	10,246.58	5,225.76	2,612.88	5,225.76	5,225.76	2,612.88	5,225.76	5,225.76	5,225.76	2,612.88	5,225.76	5,225.76	5,225.76	5,225.76	15,472	
Sweet Cherries	13,214	218.00	7.4	10.00	38,927.73	20,787.41	10,601.58	5,300.79	10,601.58	10,601.58	5,300.79	10,601.58	10,601.58	10,601.58	5,300.79	10,601.58	10,601.58	10,601.58	10,601.58	31,389	
Sweet corn	17,819	37.00	7.4	32.86	2,711.59	1,447.99	738.47	369.24	738.47	738.47	369.24	738.47	738.47	738.47	369.24	738.47	738.47	738.47	738.47	2,186	
Sweet Peppers	16,504	128.00	7.4	43.57	6,551.88	3,498.70	1,784.34	892.17	1,784.34	1,784.34	892.17	1,784.34	1,784.34	1,784.34	892.17	1,784.34	1,784.34	1,784.34	1,784.34	5,283	
Sweet Potatoes	5,408	82.00	7.4	22.14	2,706.36	1,445.19	737.05	368.52	737.05	737.05	368.52	737.05	737.05	737.05	368.52	737.05	737.05	737.05	737.05	2,182	
Tangelos	2,912	55.00	7.4	130.00	166.49	88.90	45.34	22.67	45.34	45.34	22.67	45.34	45.34	45.34	22.67	45.34	45.34	45.34	45.34	134	
Turnip Greens	223	140.00	7.4	26.43	159.63	85.24	43.47	21.74	43.47	43.47	21.74	43.47	43.47	43.47	21.74	43.47	43.47	43.47	43.47	129	
Turnips	963	26.00	7.4	21.43	157.90	84.32	43.00	21.50	43.00	43.00	21.50	43.00	43.00	43.00	21.50	43.00	43.00	43.00	43.00	127	
Watermelons	19,601	53.00	7.4	37.14	3,779.61	2,018.31	1,029.34	514.67	1,029.34	1,029.34	514.67	1,029.34	1,029.34	1,029.34	514.67	1,029.34	1,029.34	1,029.34	1,029.34	3,048	
PREHARVEST																					
Carrots	37,869	10.00	7.4	22.00	2,326.11	1,242.14	633.49	316.75	633.49	633.49	316.75	633.49	633.49	633.49	316.75	633.49	633.49	633.49	633.49	1,876	
Cotton	1,083,811	2.40	7.4	35.00	10,043.04	5,362.98	2,735.12	1,367.56	2,735.12	2,735.12	1,367.56	2,735.12	2,735.12	2,735.12	1,367.56	2,735.12	2,735.12	2,735.12	2,735.12	8,098	
Lima Beans	14,250	9.00	7.4	24.00	722.13	385.62	196.66	98.33	196.66	196.66	98.33	196.66	196.66	196.66	98.33	196.66	196.66	196.66	196.66	582	

CALIFORNIA continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (53.4%)	X (51.0%)	/ (2)	X (2)	
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(Cx D) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
Sugar Beets	208,927	13.00	7.4	36.00	10,195.39	5,444.34	2,776.61	1,388.31	2,776.61	8,221
Tart Cherries	73			40.00	3.21	1.71	0.87	0.44	0.87	3
DIVERSIFIED CROPS										
Dry Onions		161.00	7.4	29.29	8,955.82	4,782.41		1,219.51	2,439.03	7,221
Grapes										
Raisins	270,000	82.00	7.4	17.14	174,527.03	93,197.43	47,530.69	23,765.35	47,530.69	140,728
Table		193.00	7.4	30.00	67,463.06	36,025.28	18,372.89	9,186.45	18,372.89	54,398
Wine		82.00	7.4	55.00	59,031.94	31,523.06	16,076.76	8,038.38	16,076.76	47,600
Raspberries		135.00	7.4	13.57	268.85	143.56	73.22	36.61	73.22	217
Tomatoes-Fresh		318.00	7.4	28.57	60,041.84	32,062.34	16,351.79	8,175.90	16,351.79	48,414
Tomatoes-Process		34.00	7.4	36.43	39,463.73	21,073.63	10,747.55	5,373.78	10,747.55	31,821
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										667,572
Half of dry onion acres are mechanized.										
Table, raisin and wine grapes; fresh and processed tomato acreage are from 1990 California dot maps.										
Only 15% of raspberry acres are included. The remainder are mechanized.										
No estimate is provided for prunes. They are mechanically harvested.										
COUNTIES INCLUDED IN ESTIMATE: All counties are included in California.										

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C+H
			%	NUMBER	%	NUMBER	/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	MARRIED	MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	546	100.00%	546.00	0.00%	0.00	0.00	0.00	546
FOOD PROCESSING	0723 Crop Preparation	16,579	26.70%	4,426.59	51.00%	2,257.56	1,128.78	2,257.56	6,684
	5148 Fresh Fruits & Veggies Wholesale	4,561	26.70%	1,217.79	51.00%	621.07	310.54	621.07	1,839
	2033 Canned Fruits & Vegetables	31,296	26.70%	8,356.03	51.00%	4,261.58	2,130.79	4,261.58	12,618
	2037 Frozen Fruits & Vegetables	3,061	26.70%	817.29	51.00%	416.82	208.41	416.82	1,234
COTTON GINNING	0724 Cotton Ginning & Pickery	2,276	53.40%	1,215.38	51.00%	619.85	309.92	619.85	1,835
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	6,238	53.40%	3,331.09	51.00%	1,698.86	849.43	1,698.86	5,030
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	3,566	53.40%	1,904.24	51.00%	971.16	485.58	971.16	2,875
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									32,661
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									700,233



COLORADO										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (65.7%)	X (60.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	5,386	91.00	7.4	24.29	2,727.20	1,791.77	1,091.19	545.59	1,091.19	2,883
Apricots	126	96.00	7.4	4.29	381.40	250.58	152.60	76.30	152.60	403
Broccoli	1,282	98.00	7.4	43.57	389.65	256.00	155.90	77.95	155.90	412
Cantaloups	1,483	60.00	7.4	15.00	801.61	526.65	320.73	160.37	320.73	847
Cauliflower	298	94.00	7.4	44.29	85.48	56.16	34.20	17.10	34.20	90
Celery	86	126.00	7.4	45.72	32.03	21.04	12.82	6.41	12.82	34
Chinese Cabbage	99	96.00	7.4	96.00	13.38	8.79	5.35	2.68	5.35	14
Cucumbers & Pickles	1,337	110.00	7.4	26.43	751.99	494.06	300.88	150.44	300.88	795
Eggplant	94	157.00	7.4	58.00	34.38	22.59	13.76	6.88	13.76	36
Endive	58	133.00	7.4	41.00	25.43	16.70	10.17	5.09	10.17	27
Green Onions	107	220.00	7.4	51.00	62.37	40.98	24.96	12.48	24.96	66
Head Cabbage	1,947	90.00	7.4	17.14	1,381.29	907.51	552.67	276.34	552.67	1,460
Irish Potatoes	63,224	11.00	7.4	66.43	1,414.75	929.49	566.06	283.03	566.06	1,496
Lettuce & Romaine	4,314	107.00	7.4	43.57	1,431.60	940.56	572.80	286.40	572.80	1,513
Peaches	2,651	73.00	7.4	7.86	3,328.34	2,186.72	1,331.71	665.86	1,331.71	3,518
Pears	637	76.00	7.4	19.29	339.22	222.87	135.72	67.86	135.72	359
Peppers (Hot & Sweet)	976	200.00	7.4	47.00	561.24	368.74	224.56	112.28	224.56	593
Plum & Prunes	111	34.00	7.4	26.43	19.30	12.68	7.72	3.86	7.72	20
Pumpkins	1,705	22.00	7.4	37.86	133.89	87.97	53.57	26.79	53.57	142
Radishes	75	367.00	7.4	27.00	137.76	90.51	55.12	27.56	55.12	146
Spinach	4,594	218.00	7.4	31.43	4,306.08	2,829.10	1,722.92	861.46	1,722.92	4,552
Squash	1,833	110.00	7.4	21.43	1,271.52	835.39	508.75	254.37	508.75	1,344
Sweet Cherries	462	218.00	7.4	8.00	1,701.28	1,117.74	680.71	340.35	680.71	1,798
Sweet Corn	5,146	37.00	7.4	45.00	571.77	375.65	228.77	114.39	228.77	604
Tomatoes	554	280.00	7.4	42.14	497.40	326.79	199.02	99.51	199.02	526
Watermelons	2,272	53.00	7.4	26.43	615.70	404.52	246.35	123.18	246.35	651
PREHARVEST										
Carrots	267	10.00	7.4	22.14	16.29	10.71	6.52	3.26	6.52	17
Dry Edible Beans	131,156	15.00	7.4	33.00	8,056.27	5,292.97	3,223.42	1,611.71	3,223.42	8,516
Grapes	92	40.00	7.4	85.72	5.80	3.81	2.32	1.16	2.32	6
Sugarbeet for Sugar	37,868	12.00	7.4	43.57	1,409.33	925.93	563.89	281.94	563.89	1,490
Tart Cherries	370	13.00	7.4	40.00	16.25	10.68	6.50	3.25	6.50	17

COLORADO continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (65.7%)	X (60.9%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(Cx D)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
DIVERSIFIED CROPS										
Dry Onions	16,948	60.00	7.4	43.57	3,153.75	2,072.01	1,261.86	630.93	1,261.86	3,334
						% MIG (100%)				
Soybeans	377	2.00	7.4	21.00	4.85	4.85	2.95	1.48	2.95	8
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										37,719
Half of dry onion acres are mechanized.										
Only an average of 6.93% of soybean acres are worked by migrants. Source: survey by Minnesota and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
Adams, Alamosa, Bent, Boulder, Canejos, Costilla, Crowley, Delta, Kit Carson, Larimer, Logan, Mesa, Montrose, Morgan, Otero, Phillips, Prowers, Pueblo, Rio Grande, Saguache, Sedgewick, Washington, Weld, Yuma										

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C+H	
			%	NUMBER			/ (2)	X (2)	MIGRANT	
		AVERAGE	MIGRANT	MIGRANT	%	NUMBER	NUMBER	NUMBER	WKERS PLUS	
SUBGROUP	SIC CODE	WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS	
FORESTRY	0851 Forestry Services	15	100.00%	15.00	0.00%	0.00	0.00	0.00	15	
FOOD PROCESSING	0723 Crop Preparation	609	32.90%	200.36	60.90%	122.02	61.01	122.02	322	
	5148 Fresh Fruits & Veggies Wholesale	316	32.90%	103.96	60.90%	63.31	31.66	63.31	167	
	2033 Canned Fruits & Vegetables	301	32.90%	99.03	60.90%	60.31	30.15	60.31	159	
	2037 Frozen Fruits & Vegetables	59	32.90%	19.41	60.90%	11.82	5.91	11.82	31	
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	541	65.70%	355.44	60.90%	216.46	108.23	216.46	572	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	287	65.70%	188.56	60.90%	114.83	57.42	114.83	303	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									1,571	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										39,290

CONNECTICUT		COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
CROP	ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (28.1%) MIGRANT WPKERS	X (32.9%) NUMBER MARRIED	NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WPKERS PLUS DEPENDTS	
HARVEST											
Apples	3,481	91.00	7.4	21.43	1,997.65	561.34	184.68	92.34	184.68	746	
Apricots	1	96.00	7.4	13.57	0.96	0.27	0.09	0.04	0.09	0	
Asparagus	2	84.00	7.4	21.43	1.08	0.30	0.10	0.05	0.10	0	
Broccoli	171	98.00	7.4	54.29	41.72	11.72	3.86	1.93	3.86	16	
Cantaloups	38	60.00	7.4	24.29	12.69	3.56	1.17	0.59	1.17	5	
Cauliflower	68	94.00	7.4	35.71	24.19	6.80	2.24	1.12	2.24	9	
Cherries	25	202.00	7.4	11.43	59.71	16.78	5.52	2.76	5.52	22	
Collards	96	92.00	7.4	66.43	17.97	5.05	1.66	0.83	1.66	7	
Eggplant	41	157.00	7.4	58.57	14.85	4.17	1.37	0.69	1.37	6	
Endive	2	133.00	7.4	43.57	0.82	0.23	0.08	0.04	0.08	0	
Escarole	6	75.00	7.4	28.57	2.13	0.60	0.20	0.10	0.20	1	
Hot Peppers	15	272.00	7.4	20.00	27.57	7.75	2.55	1.27	2.55	10	
Irish Potatoes	544	11.00	7.4	36.43	22.20	6.24	2.05	1.03	2.05	8	
Kale	43	180.00	7.4	47.14	22.19	6.23	2.05	1.03	2.05	8	
Lettuce/Romaine	62	107.00	7.4	66.43	13.50	3.79	1.25	0.62	1.25	5	
Mustard Greens	29	179.00	7.4	66.43	10.56	2.97	0.98	0.49	0.98	4	
Parsley	9	293.00	7.4	33.57	10.61	2.98	0.98	0.49	0.98	4	
Peaches	521	73.00	7.4	11.43	449.71	126.37	41.58	20.79	41.58	188	
Pears	470	76.00	7.4	28.57	168.95	47.47	15.62	7.81	15.62	63	
Plums/Prunes	14	34.00	7.4	19.29	3.34	0.94	0.31	0.15	0.31	1	
Pumpkins	581	22.00	7.4	18.57	93.01	26.14	8.60	4.30	8.60	35	
Squash	377	110.00	7.4	70.71	79.25	22.27	7.33	3.66	7.33	30	
Spinach	16	218.00	7.4	9.29	50.76	14.26	4.69	2.35	4.69	19	
Strawberries	458	556.00	7.4	13.57	2,535.61	712.51	234.41	117.21	234.41	947	
Sweet Corn	4,410	37.00	7.4	22.14	995.81	279.82	92.06	46.03	92.06	372	
Sweet Peppers	330	128.00	7.4	15.71	363.24	102.07	33.58	16.79	33.58	136	
Tame Blueberries	272	106.00	7.4	20.71	188.09	52.85	17.39	8.69	17.39	70	
Tomatoes	376	260.00	7.4	23.57	603.57	169.60	55.80	27.90	55.80	225	
Turnip Greens	40	140.00	7.4	66.43	11.39	3.20	1.05	0.53	1.05	4	
Turnips	17	26.00	7.4	55.00	1.09	0.31	0.10	0.05	0.10	0	
Watermelons	7	53.00	7.4	15.00	3.34	0.94	0.31	0.15	0.31	1	
PREHARVEST											
Carrots	7	10.00	7.4	22.00	0.43	0.12	0.04	0.02	0.04	0	
Grapes	229	40.00	7.4	30.00	41.26	11.59	3.81	1.91	3.81	15	
Lima Beans	11	9.00	7.4	24.00	0.56	0.16	0.05	0.03	0.05	0	

CONNECTICUT continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (28.1%)	X (32.9%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
DIVERSIFIED CROPS										
Dry Onions	3	161.00	7.4	24.29	2.69	0.76	0.25	0.12	0.25	1
Raspberries	12	135.00	7.4	15.00	14.59	4.10	1.35	0.67	1.35	5
Tobacco										
Broadleaf	630	64.00	7.4	11.43	476.76	133.97	44.08	22.04	44.08	178
Shade	1,100	(1,100 acres X 2.125 workers)			2,337.50	656.84	0.00	0.00	0.00	657
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										3,780
Half of dry onion acres are mechanized.										
Only 15% of raspberry acres are included. The remainder are mechanized.										
Estimate for shade tobacco from survey of tobacco growers indicating 2.125 wkrs per acre. Source: survey by Western Mass. Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:				All counties are included in the estimate.						

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SUBGROUP	SIC CODE	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
				%	NUMBER			/ (2)	X (2)	MIGRANT
		AVERAGE	MIGRANT	MIGRANT	%	NUMBER	NUMBER	NUMBER	NUMBER	WKERS PLUS
		WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS	
FORESTRY	0851 Forestry Services	12	100.00%	12.00	0.00%	0.00	0.00	0.00	0.00	12
FOOD PROCESSING	0723 Crop Preparation	30	14.05%	4.22	32.90%	1.39	0.69	1.39	6	
	5148 Fresh Fruits & Veggies Wholesale	94	14.05%	13.21	32.90%	4.35	2.17	4.35	18	
	2033 Canned Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,134	28.10%	318.65	32.90%	104.84	52.42	104.84	423	
	0182 Food Crops Grown Under Cover	480	28.10%	134.88	32.90%	44.38	22.19	44.38	179	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS										638
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										4,418

DELAWARE	COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL I		COL F + I		
	ACRES	HOURS	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	MIGRANT WORKERS	X (71.8%)	X (32.9%)	NUMBER MARRIED	NUMBER HSEHLD	NUMBER	X (2)	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	MIGRANT	WPKERS PLUS	
CROP																					
HARVEST																					
Apples***	1,190	91.00	7.4	41.00	358.92	256.27	84.31	42.16	84.31	341											
Asparagus*	270	84.00	7.4	28.00	109.46	78.59	25.86	12.93	25.86	104											
Broccoli	72	98.00	7.4	43.57	21.88	15.71	5.17	2.58	5.17	21											
Cantaloupes*	445	60.00	7.4	25.71	140.31	100.74	33.14	16.57	33.14	134											
Cauliflower*	60	94.00	7.4	62.00	12.29	8.83	2.90	1.45	2.90	12											
Collards	2	92.00	7.4	38.00	0.65	0.47	0.15	0.08	0.15	1											
Cucumbers & Pickles	1,985	110.00	7.4	25.71	1,147.46	823.88	271.06	135.53	271.06	1,095											
Head Cabbage*	600	90.00	7.4	57.00	128.02	91.92	30.24	15.12	30.24	122											
Hot Peppers*	175	272.00	7.4	52.14	123.36	88.57	29.14	14.57	29.14	118											
Irish Potatoes*	7,700	11.00	7.4	76.00	150.60	108.13	35.58	17.79	35.58	144											
Nectarines	12	38.00	7.4	43.00	1.43	1.03	0.34	0.17	0.34	1											
Okra	1	220.00	7.4	57.00	0.52	0.37	0.12	0.06	0.12	0											
Peaches	299	73.00	7.4	22.86	129.04	92.65	30.48	15.24	30.48	123											
Pumpkins	120	22.00	7.4	37.86	9.42	6.77	2.23	1.11	2.23	9											
Spinach*	230	218.00	7.4	46.00	147.30	105.76	34.79	17.40	34.79	141											
Squash	247	110.00	7.4	30.00	122.39	87.87	28.91	14.46	28.91	117											
Strawberries*	95	556.00	7.4	23.57	302.81	217.42	71.53	35.77	71.53	289											
Sweet Cherries	1	218.00	7.4	10.00	2.95	2.12	0.70	0.35	0.70	3											
Sweet Corn*	9,030	37.00	7.4	22.14	2,038.99	1,464.00	481.65	240.83	481.65	1,946											
Sweet Peppers*	125	128.00	7.4	40.72	53.10	38.13	12.54	6.27	12.54	51											
Sweet Potatoes	14	82.00	7.4	37.00	4.19	3.01	0.99	0.50	0.99	4											
Tomatoes**	350	280.00	7.4	44.00	300.98	216.11	71.10	35.55	71.10	287											
Turnips*	25	26.00	7.4	36.00	2.44	1.75	0.58	0.29	0.58	2											
Watermelons*	2,320	53.00	7.4	37.86	438.91	315.14	103.68	51.84	103.68	419											
PREHARVEST																					
Carrots	680	10.00	7.4	22.00	41.77	29.99	9.87	4.93	9.87	40											
Grapes	20	40.00	7.4	85.72	1.26	0.91	0.30	0.15	0.30	1											
Green Lima Beans*	9,725	9.00	7.4	24.00	492.82	353.85	116.42	58.21	116.42	470											
Tart Cherries	1	13.00	7.4	37.00	0.05	0.03	0.01	0.01	0.01	0											
DIVERSIFIED CROPS																					
Raspberries	1	135.00	7.4	27.00	0.81	0.58	0.19	0.10	0.19	1											

DELAWARE continued

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (100.0%)	X (32.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(Cx D) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
Soybeans	15,242	2.00	7.4	21.00	196.16	196.16	64.54	32.27	64.54	261
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										6,255
*Crop is reported in Annual Crop Survey but not in 1987 Census of Agric.										
** Crop acreage based on 1991 Annual Crop Survey										
*** Crop acreage based on 1991 Annual Crop Survey poundage and Census of Agriculture pounds per acre ratio.										
15% of raspberry acres are hand harvested. The remainder are mechanically harvested.										
Only an average of 6.93% of the 219,943 soybean acres are worked by migrants. Source: survey by Minn and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:			All Delaware counties are included.							

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0
	5148 Fresh Fruits & Veggies. Wholesale	35	35.90%	12.57	32.90%	4.13	2.07	4.13	17
	2033 Canned Fruits & Vegetables	149	35.90%	53.49	32.90%	17.60	8.80	17.60	71
	2037 Frozen Fruits & Vegetables	92	35.90%	33.03	32.90%	10.87	5.43	10.87	44
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	119	71.80%	85.44	32.90%	28.11	14.06	28.11	114
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	87	71.80%	62.47	32.90%	20.55	10.28	20.55	83
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									328
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									6,583

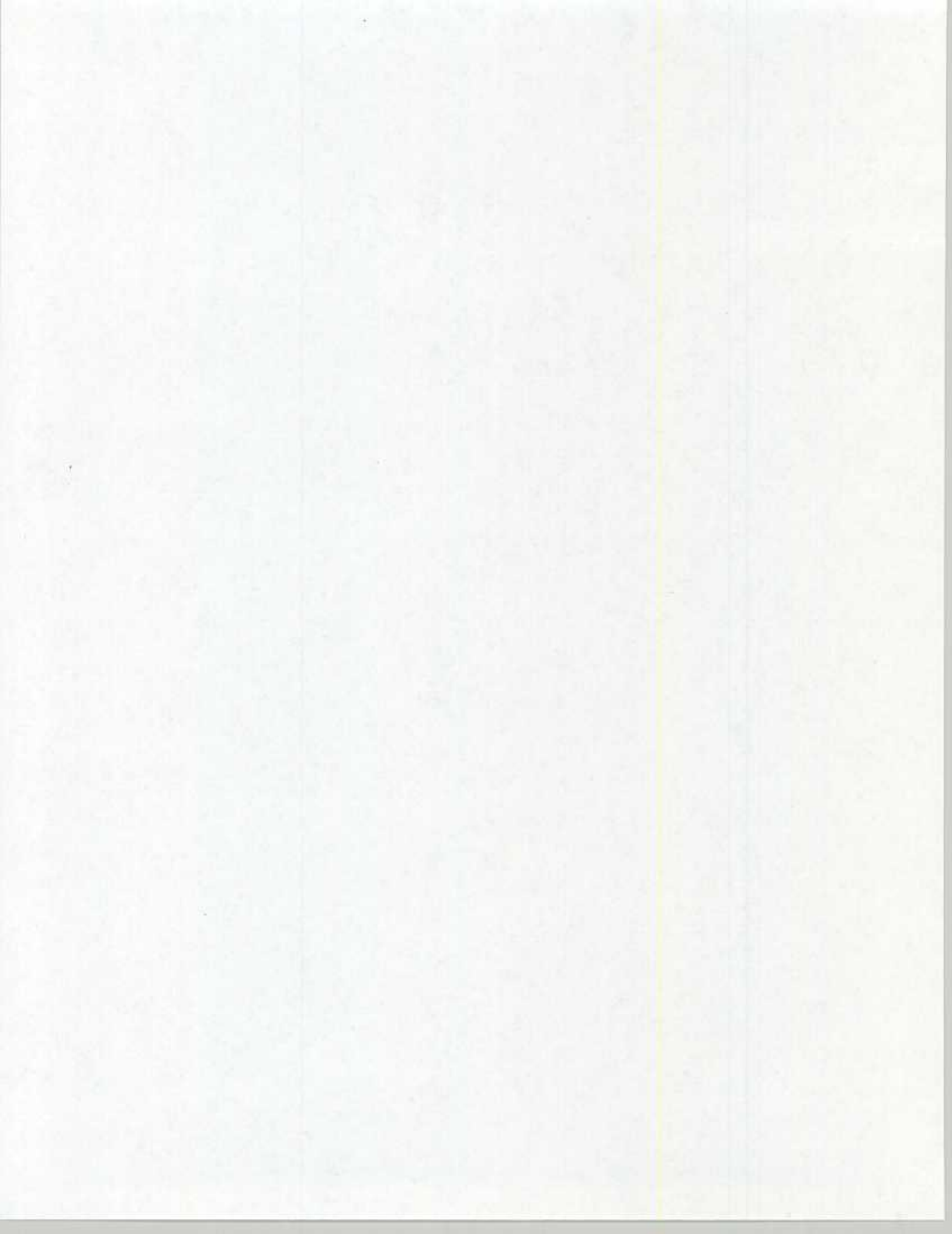
FLORIDA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (69.0%)	X (29.6%)	/ (2)	X (2)	
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	163	91.00	7.4	26.43	75.84	52.33	15.49	7.75	15.49	68
Blackberries	47	60.00	7.4	37.14	10.26	7.08	2.10	1.05	2.10	9
Broccoli	435	98.00	7.4	44.00	130.93	90.34	26.74	13.37	26.74	117
Cantaloups	968	60.00	7.4	33.57	233.78	161.31	47.75	23.87	47.75	209
Cauliflower	863	94.00	7.4	52.00	210.82	145.46	43.06	21.53	43.06	189
Celery	8,078	126.00	7.4	47.14	2,917.55	2,013.11	595.88	297.94	595.88	2,609
Chinese Cabbage	2,924	96.00	7.4	96.43	393.37	271.43	80.34	40.17	80.34	352
Collards	1,129	92.00	7.4	27.14	517.11	356.81	105.62	52.81	105.62	462
Cucumbers & Pickles	13,174	110.00	7.4	45.00	4,351.68	3,002.66	888.79	444.39	888.79	3,891
Eggplant	1,880	157.00	7.4	57.86	682.05	470.61	139.30	69.65	139.30	610
Endive	1,511	133.00	7.4	41.00	662.37	457.04	135.28	67.64	135.28	592
Escarole	2,494	75.00	7.4	42.14	599.78	413.85	122.50	61.25	122.50	536
Grapefruit	138,107	49.00	7.4	140.72	6,498.80	4,484.17	1,327.31	663.66	1,327.31	5,811
Head Cabbage	10,173	90.00	7.4	54.29	2,279.11	1,572.59	465.49	232.74	465.49	2,038
Hot Peppers	812	272.00	7.4	52.14	572.39	394.95	116.90	58.45	116.90	512
Irish Potatoes	36,435	11.00	7.4	44.29	1,222.95	843.83	249.77	124.89	249.77	1,094
Kale	562	180.00	7.4	48.00	284.80	196.51	58.17	29.08	58.17	255
Kumquats	42	175.00	7.4	155.00	6.41	4.42	1.31	0.65	1.31	6
Lemons	2,216	30.00	7.4	87.14	103.09	71.13	21.06	10.53	21.06	92
Lettuce & Romaine	10,082	107.00	7.4	40.00	3,644.43	2,514.66	744.34	372.17	744.34	3,259
Limes	5,299	49.00	7.4	87.14	402.64	277.82	82.24	41.12	82.24	360
Mangoes	3,053	88.00	7.4	42.14	861.48	594.42	175.95	87.97	175.95	770
Mustard Greens	453	179.00	7.4	22.14	494.85	341.45	101.07	50.53	101.07	443
Nectarines	56	38.00	7.4	43.00	6.69	4.61	1.37	0.68	1.37	6
Okra	461	206.00	7.4	40.72	315.20	217.49	64.38	32.19	64.38	282
Onions, Green	166	220.00	7.4	51.00	96.77	66.77	19.76	9.88	19.76	87
Oranges	571,270	27.00	7.4	87.14	23,918.45	16,503.73	4,885.10	2,442.55	4,885.10	21,389
Papayas	140	618.00	7.4	21.00	556.76	384.16	113.71	56.86	113.71	498
Parsley	1,023	293.00	7.4	34.00	1,191.33	822.02	243.32	121.66	243.32	1,065
Peaches	1,468	73.00	7.4	23.57	614.36	423.91	125.48	62.74	125.48	549
Pears	100	76.00	7.4	26.00	39.50	27.26	8.07	4.03	8.07	35
Pecans	11,987	15.00	7.4	7.86	3,092.41	2,133.76	631.59	315.80	631.59	2,765
Persimmons	68	90.00	7.4	30.00	27.57	19.02	5.63	2.82	5.63	25
Plums/Prunes	9	34.00	7.4	21.00	1.97	1.36	0.40	0.20	0.40	2

FLORIDA continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (69.0%)	X (29.6%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(Cx D) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
Pumpkins	299	22.00	7.4	37.86	23.48	16.20	4.80	2.40	4.80	21
Radishes	30,501	367.00	7.4	42.14	35,893.50	24,766.51	7,330.89	3,665.44	7,330.89	32,097
Spinach	205	218.00	7.4	18.00	335.51	231.50	68.52	34.26	68.52	300
Squash	10,855	110.00	7.4	21.43	7,529.89	5,195.63	1,537.91	768.95	1,537.91	6,734
Strawberries	3,559	556.00	7.4	42.14	6,345.10	4,378.12	1,295.92	647.96	1,295.92	5,674
Sweet Corn	47,312	37.00	7.4	40.00	5,913.88	4,080.58	1,207.85	603.93	1,207.85	5,288
Sweet Peppers	17,816	128.00	7.4	40.72	7,568.90	5,222.54	1,545.87	772.94	1,545.87	6,768
Sweet Potatoes	1,131	82.00	7.4	59.29	211.39	145.86	43.17	21.59	43.17	189
Tame Blueberries	1,172	106.00	7.4	36.43	460.84	317.98	94.12	47.06	94.12	412
Tangelos	7,947	55.00	7.4	66.43	889.14	613.51	181.60	90.80	181.60	795
Tangerines, Honey	3,960	35.00	7.4	44.29	422.92	291.82	86.38	43.19	86.38	378
Tangerines, Other	5,878	35.00	7.4	44.29	627.76	433.15	128.21	64.11	128.21	561
	67,483	593.00	7.4	47.14	114,707.75	79,148.35	23,427.91	11,713.96	23,427.91	102,576
	501	26.00	7.4	36.00	48.90	33.74	9.99	4.99	9.99	44
	323	140.00	7.4	37.00	165.16	113.96	33.73	16.87	33.73	148
	35,943	53.00	7.4	43.57	5,908.10	4,076.59	1,206.67	603.34	1,206.67	5,283
	10,397	10.00	7.4	22.14	634.50	437.81	129.59	64.80	129.59	567
	23,875	2.00	7.4	40.00	161.32	111.31	32.95	16.47	32.95	144
	784	40.00	7.4	85.72	49.44	34.11	10.10	5.05	10.10	44
						4.23	1.25	0.63	1.25	5
DIVERSIFIED CROPS										
Avocados (without lifts)	4,637	25.00	7.4	109.29	143.34	98.91	29.28	14.64	29.28	128
Avocados (with lifts)	3,091	13.00	7.4	109.29	49.69	34.28	10.15	5.07	10.15	44
Dry Onions	61	161.00	7.4	57.00	23.28	16.07	4.76	2.38	4.76	21
Sugarcane										7,978
Tobacco (Hand)	2,452	126.00	7.4	50.72	823.23	568.03	168.14	84.07	168.14	736
Tobacco (Mechanical)	2,997	55.00	7.4	50.72	439.22	303.06	89.71	44.85	89.71	393
						% MIG				
						(100%)				
Soybeans	6,233	2.00	7.4	21.00	80.22	80.22	23.74	11.87	23.74	104
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										228,423

FLORIDA continued									
60% of avocados are harvested without hydraulic lifts; 40% use hydraulic lifts.									
Half of dry onion acres are mechanized.									
Migrants in sugarcane are those reported as H2-A workers for 1990-91 (labor imported from another country only to harvest sugarcane).									
45 percent of tobacco acres are hand harvested; 55 percent of acres are mechanically harvested.									
Only an average of 6.93% of soybean acres are worked by migrants. Source: survey by Minn. and North Dakota Legal Services.									
COUNTIES INCLUDED IN ESTIMATE:				All Florida counties are included.					

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								COL H X (2) NUMBER	COL C + H MIGRANT WKERS PLU!
FORESTRY	0851 Forestry Services	169	100.00%	169.00	0.00%	0.00	0.00	0.00	169
FOOD PROCESSING	0723 Crop Preparation	8,540	34.50%	2,946.30	29.60%	872.10	436.05	872.10	3,818
	5148 Fresh Fruits & Veggies. Wholesale	2,519	34.50%	869.06	29.60%	257.24	128.62	257.24	1,126
	2033 Canned Fruits & Vegetables	1,596	34.50%	550.62	29.60%	162.98	81.49	162.98	714
	2037 Frozen Fruits & Vegetables	3,212	34.50%	1,108.14	29.60%	328.01	164.00	328.01	1,436
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	2,047	69.00%	1,412.43	29.60%	418.08	209.04	418.08	1,831
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	816	69.00%	563.04	29.60%	166.66	83.33	166.66	730
								TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS	9,824
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)								238,247	



GEORGIA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (82.8%)	X (29.6%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(Cx D)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	2,228	91.00	7.4	14.00	1,955.27	1,818.96	479.21	239.81	479.21	2,098
Asparagus	47	84.00	7.4	28.00	19.05	15.78	4.87	2.33	4.67	20
Blackberries	46	60.00	7.4	25.00	14.92	12.35	3.66	1.83	3.66	16
Broccoli	12	98.00	7.4	47.00	3.38	2.80	0.83	0.41	0.83	4
Cantaloup	8,472	60.00	7.4	34.00	2,020.35	1,872.85	495.16	247.58	495.16	2,168
Collards	8,455	92.00	7.4	27.00	3,893.19	3,223.56	954.17	477.09	954.17	4,178
Cucumbers & Pickles	10,010	110.00	7.4	114.00	1,305.24	1,080.74	319.90	159.95	319.90	1,401
Eggplant	1,629	157.00	7.4	65.00	531.71	440.26	130.32	65.16	130.32	571
Green Onions	192	220.00	7.4	51.00	111.92	92.67	27.43	13.72	27.43	120
Head Cabbage	11,491	90.00	7.4	64.00	2,183.88	1,808.09	535.19	267.60	535.19	2,343
Hot Peppers	92	272.00	7.4	52.00	65.03	53.85	15.94	7.97	15.94	70
Kale	910	180.00	7.4	38.00	582.50	482.31	142.76	71.38	142.76	625
Mustard Greens	3,549	179.00	7.4	22.00	3,902.16	3,230.99	956.37	478.19	956.37	4,187
Okra	3,052	206.00	7.4	41.00	2,072.22	1,715.80	507.88	253.94	507.88	2,224
Peaches	14,556	73.00	7.4	31.00	4,632.03	3,835.32	1,135.26	567.63	1,135.26	4,971
Pears	201	76.00	7.4	26.00	79.40	65.74	19.46	9.73	19.46	85
Pecans	121,398	15.00	7.4	22.00	11,185.32	9,261.44	2,741.39	1,370.69	2,741.39	12,003
Plums/Prunes	284	34.00	7.4	21.00	62.14	51.45	15.23	7.61	15.23	67
Potatoes (Irish)	493	11.00	7.4	41.00	17.87	14.80	4.38	2.19	4.38	19
Pumpkins	112	22.00	7.4	38.00	8.76	7.26	2.15	1.07	2.15	9
Squash	19,429	110.00	7.4	21.00	13,752.83	11,387.34	3,370.65	1,685.33	3,370.65	14,758
Strawberries	32	556.00	7.4	22.00	109.29	90.49	26.79	13.39	26.79	117
Sweet Corn	13,757	37.00	7.4	34.00	2,023.09	1,675.12	495.83	247.92	495.83	2,171
Sweet Peppers	6,309	128.00	7.4	41.00	2,661.67	2,203.87	652.34	326.17	652.34	2,856
Sweet Potatoes	5,512	82.00	7.4	59.00	1,035.24	857.18	253.72	126.86	253.72	1,111
Tame Blueberries	1,740	106.00	7.4	36.00	692.34	573.26	169.68	84.84	169.68	743
Tomatoes	5,565	280.00	7.4	66.00	3,190.42	2,641.67	781.93	390.97	781.93	3,424
Turnip Greens	8,034	140.00	7.4	22.00	6,908.85	5,720.52	1,693.28	846.64	1,693.28	7,414
Turnips	1,446	26.00	7.4	36.00	141.13	116.85	34.59	17.29	34.59	151
Watermelons	40,953	53.00	7.4	22.00	13,332.36	11,039.20	3,267.60	1,633.80	3,267.60	14,307
PREHARVEST										
Cotton	231,635	2.00	7.4	40.00	1,565.10	1,295.90	383.59	191.79	383.59	1,679
Green Lima Beans	2,475	9.00	7.4	24.00	125.42	103.85	30.74	15.37	30.74	135

GEORGIA continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (82.8%)	X (29.6%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
DIVERSIFIED CROPS										
Dry Onions	6,913	50.00	7.4	41.00	1,139.26	943.30	279.22	139.61	279.22	1,223
Tobacco (By Hand)	27,950	105.00	7.4	43.00	9,222.97	7,636.62	2,260.44	1,130.22	2,260.44	9,897
Tobacco (By Machine)	15,050	50.00	7.4	43.00	2,364.86	1,958.11	579.60	289.80	579.60	2,538
						% MIG (100%)				
Soybeans	52,639	2.00	7.4	21.00	677.46	677.46	200.53	100.26	200.53	878
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										100,580
Half of dry onion acres are mechanized.										
65% of tobacco is hand harvested; 35% is machine harvested.										
Only an average of 6.93% of soybean acres are worked by migrants. Source: survey by Minnesota and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:			All Georgia counties are included.							

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C+H
			%	NUMBER			/ (2)	X (2)	MIGRANT
		AVERAGE	MIGRANT	MIGRANT	%	NUMBER	NUMBER	NUMBER	WKERS PLUS
SUBGROUP	SIC CODE	WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
FORESTRY	0851 Forestry Services	169	100.00%	169.00	0.00%	0.00	0.00	0.00	169
FOOD PROCESSING	0723 Crop Preparation	1,101	41.40%	455.81	29.60%	134.92	67.46	134.92	591
	5148 Fresh Fruits & Veggies Wholesale	550	41.40%	227.70	29.60%	67.40	33.70	67.40	295
	2033 Canned Fruits & Vegetables	395	41.40%	163.53	29.60%	48.40	24.20	48.40	212
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	528	82.80%	437.18	29.60%	129.41	64.70	129.41	567
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,294	82.80%	1,071.43	29.60%	317.14	158.57	317.14	1,389
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	279	82.80%	231.01	29.60%	68.38	34.19	68.38	299
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									3,521
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									104,101

HAWAII										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (69.5%)	X (51.0%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Avocados	601	55.00	7.4	109.00	40.98	28.48	14.53	7.26	14.53	43
Bananas	1,886	360.00	7.4	64.00	1,281.59	890.70	454.26	227.13	454.26	1,345
Broccoli	166	98.00	7.4	44.00	49.96	34.72	17.71	8.85	17.71	52
Cauliflower	63	94.00	7.4	44.00	18.19	12.64	6.45	3.22	6.45	19
Celery	99	126.00	7.4	46.00	36.65	25.47	12.99	6.49	12.99	38
Chinese Cabbage	312	96.00	7.4	72.00	56.22	39.07	19.93	9.96	19.93	59
Coffee	2,391	300.00	7.4	63.00	1,538.61	1,069.33	545.36	272.68	545.36	1,615
Cucumbers & Pickles	235	110.00	7.4	261.00	13.38	9.30	4.74	2.37	4.74	14
Daikon	130	133.00	7.4	34.00	68.72	47.76	24.36	12.18	24.36	72
Eggplant	97	157.00	7.4	26.00	79.15	55.01	28.06	14.03	28.06	83
Green Onions	173	220.00	7.4	51.00	100.85	70.09	35.75	17.87	35.75	106
Head Cabbage	646	90.00	7.4	261.00	30.10	20.92	10.67	5.33	10.67	32
Irish Potatoes	33	11.00	7.4	44.00	1.11	0.77	0.40	0.20	0.40	1
Lettuce & Romaine	693	107.00	7.4	261.00	38.39	26.68	13.61	6.80	13.61	40
Limes	112	49.00	7.4	87.00	8.52	5.92	3.02	1.51	3.02	9
Macadamia Nuts	23,233	60.00	7.4	109.00	1,728.22	1,201.11	612.57	306.28	612.57	1,814
Mangoes	109	88.00	7.4	42.00	30.86	21.45	10.94	5.47	10.94	32
Okra	7	206.00	7.4	30.00	6.50	4.51	2.30	1.15	2.30	7
Oranges	163	27.00	7.4	66.00	9.01	6.26	3.19	1.60	3.19	9
Papayas	3,764	150.00	7.4	21.00	3,633.20	2,525.08	1,287.79	643.89	1,287.79	3,813
Parsley	79	293.00	7.4	34.00	92.00	63.94	32.61	16.30	32.61	97
Persimmons	32	90.00	7.4	30.00	12.97	9.02	4.60	2.30	4.60	14
Pineapples	30,900	89.00	7.4	63.00	5,898.97	4,099.78	2,090.89	1,045.45	2,090.89	6,191
Pumpkins	25	22.00	7.4	38.00	1.96	1.36	0.69	0.35	0.69	2
Radishes	48	367.00	7.4	32.00	74.39	51.70	26.37	13.18	26.37	78
Spinach	31	218.00	7.4	18.00	50.74	35.26	17.98	8.99	17.98	53
Squash	156	110.00	7.4	21.00	110.42	76.75	39.14	19.57	39.14	116
Sweet Peppers	198	128.00	7.4	41.00	83.53	58.06	29.61	14.80	29.61	88
Sweet Potatoes	228	82.00	7.4	46.00	54.92	38.17	19.47	9.73	19.47	58
Tomatoes	331	280.00	7.4	261.00	47.99	33.35	17.01	8.50	17.01	50
Watermelons	692	53.00	7.4	33.00	150.19	104.38	53.23	26.62	53.23	158
PREHARVEST										
Carrots	20	10.00	7.4	22.00	1.23	0.85	0.44	0.22	0.44	1

HAWAII continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (69.5%)	X (51.0%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
DIVERSIFIED CROPS										
Dry Onions	153	161.00	7.4	41.00	81.19	56.43	28.78	14.39	28.78	85
Sugarcane for Sugar	79,234	12.00	7.4	78.00	1,647.28	1,144.86	583.88	291.94	583.88	1,729
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										17,923
Half of dry onion acres are mechanized.										
COUNTIES INCLUDED IN ESTIMATE:				All counties are included in the estimate.						

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C+H	
			%	NUMBER			/ (2)	X (2)	MIGRANT	
		AVERAGE	MIGRANT	MIGRANT	%	NUMBER	NUMBER	NUMBER	WKERS PLUS	
SUBGROUP	SIC CODE	WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS	
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0	
FOOD PROCESSING	0723 Crop Preparation	69	34.80%	24.01	51.00%	12.25	6.12	12.25	36	
	5148 Fresh Fruits & Veggies Wholesale	89	34.80%	30.97	51.00%	15.80	7.90	15.80	47	
	2033 Canned Fruits & Vegetables	517	34.80%	179.92	51.00%	91.76	45.88	91.76	272	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0.00	0	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									355	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										18,278

Cantaloupes
Head Cabbage
Hops
Irish Potatoes
Mint for Oil
Nectarines
Peaches

Pears
Plum & Prunes
Squash
strawberries
weet Cherries
weet Corn
/atemelor

na Beans

barbx

ssiiii

nybeans

COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (55.9%) MIGRANT WKRERS	X (60.9%) NUMBER MARRIED	NUMBER HSEHLDS / (2)	X (2) NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS
91.00	7.4	35.00	3,122.46	1,745.45	1,062.98	531.49	1,062.98	2,808
96.00	7.4	4.00	162.16	90.65	55.21	27.60	55.21	146
60.00	7.4	15.00	7.03	3.93	2.39	1.20	2.39	6
90.00	7.4	18.00	9.46	5.29	3.22	1.61	3.22	9
51.00	7.4	36.00	344.40	192.52	117.25	58.62	117.25	310
11.00	7.4	22.00	29,003.99	16,213.23	9,873.86	4,936.93	9,873.86	26,087
4.00	7.4	22.00	266.12	148.76	90.59	45.30	90.59	239
38.00	7.4	41.00	2.25	1.26	0.77	0.38	0.77	2
73.00	7.4	12.00	540.10	301.92	183.87	91.93	183.87	486
76.00	7.4	12.00	106.13	59.32	36.13	18.06	36.13	95
34.00	7.4	26.00	242.81	135.73	82.66	41.33	82.66	218
110.00	7.4	21.00	12.74	7.12	4.34	2.17	4.34	11
556.00	7.4	36.00	58.35	31.50	19.18	9.59	19.18	51
218.00	7.4	8.00	1,999.56	1,117.75	680.71	340.38	680.71	1,798
37.00	7.4	15.00	6,295.33	3,519.09	2,143.13	1,071.56	2,143.13	5,662
53.00	7.4	33.00	3.69	2.06	1.26	0.63	1.26	3
40.00	7.4	5.00	745.95	416.98	253.94	126.97	253.94	671
9.00	7.4	24.00	48.90	27.34	16.65	8.32	16.65	44
13.00	7.4	42.00	8,156.37	4,559.41	2,776.68	1,388.34	2,776.68	7,338
13.00	7.4	40.00	0.35	0.20	0.12	0.06	0.12	0
16.00	7.4	41.00	433.17	242.14	147.46	73.73	147.46	390
35.00	7.4	11.00	13.93	7.79	4.74	2.37	4.74	13
					%MIG (100%)			
596 acres/11.6 workers)			8.32	8.32	5.07	2.53	5.07	13
2.00	7.4	21.00	0.46	0.46	0.28	0.14	0.28	1
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE								46,401

Half of dry onion acres are mechanized.
 15% of raspberry acres are hand harvested; 85% are machine harvested.
 An average of 71.6 seed corn acres are worked by one laborer. All laborers are migrants. Source: research by Indiana Legal Services.
 Only an average of 6.93% of soybean acres are worked by migrants. Source: survey by Minnesota and North Dakota Legal Services.
 All counties are included EXCEPT Shoshone and Valley.

SUBGROUP	SIC CODE	WORKERS		MARRIED		MARRIED		DEPENDENTS	
		AVERAGE	%	NUMBER	%	NUMBER	%	NUMBER	NUMBER
COL A		COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
FORESTRY	0851 Forestry Services	726	100.00%	726.00	0.00%	0.00	0.00	0.00	726
FOOD PROCESSING	0723 Crop Preparation	1,003	28.00%	280.84	60.90%	171.03	85.52	171.03	452
	5148 Fresh Fruits & Veggies, Wholesale	1,328	28.00%	371.84	60.90%	226.45	113.23	226.45	598
	2033 Canned Fruits & Vegetables	1,455	28.00%	407.40	60.90%	248.11	124.05	248.11	656
	2037 Frozen Fruits & Vegetables	1,632	28.00%	456.96	60.90%	278.29	139.14	278.29	735
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	64	55.90%	35.78	60.90%	21.79	10.89	21.79	58
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS								3,224	
IGRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)								49,625	

ILLINOIS	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
	ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (90.0%) MIGRANT WPKERS	X (56.0%) NUMBER MARRIED	NUMBER HSEHILDS	X (2) NUMBER DEPENDTS	MIGRANT WPKERS PLUS DEPENDTS
HARVEST										
Apples	7,931	91.00	7.4	19.00	5,133.15	4,619.84	2,587.11	1,293.55	2,587.11	7,207
Cantaloups	808	60.00	7.4	38.00	172.40	155.16	86.89	43.45	86.89	242
Cucumbers & Pickles	212	110.00	7.4	21.00	150.06	135.06	75.63	37.82	75.63	211
Head Cabbage	830	90.00	7.4	31.00	325.63	293.07	164.12	82.06	164.12	457
Irish Potatoes	274	11.00	7.4	33.00	12.34	11.11	6.22	3.11	6.22	17
Mustard Greens	148	179.00	7.4	22.00	162.73	146.45	82.01	41.01	82.01	228
Peaches	2,330	73.00	7.4	11.00	2,089.56	1,880.60	1,053.14	526.57	1,053.14	2,934
Pumpkins	5,411	22.00	7.4	38.00	423.34	381.00	213.36	106.68	213.36	594
Spinach	41	218.00	7.4	12.00	100.65	90.59	50.73	25.36	50.73	141
Squash	404	110.00	7.4	21.00	285.97	257.37	144.13	72.06	144.13	402
Strawberries	452	556.00	7.4	14.00	2,425.79	2,183.21	1,222.60	611.30	1,222.60	3,406
Sweet Corn	30,917	37.00	7.4	39.00	3,963.72	3,567.35	1,997.71	998.86	1,997.71	5,565
Sweet Peppers	697	128.00	7.4	44.00	274.00	246.60	138.10	69.05	138.10	385
Tomatoes	2,015	280.00	7.4	34.00	2,242.45	2,018.20	1,130.19	565.10	1,130.19	3,148
Turnip Greens	44	140.00	7.4	37.00	22.50	20.25	11.34	5.67	11.34	32
Watermelons	1,097	53.00	7.4	29.00	270.93	243.83	136.55	68.27	136.55	380
PREHARVEST										
Green Lima Beans	1,783	9.00	7.4	24.00	89.34	80.41	45.03	22.51	45.03	125
DIVERSIFIED CROPS										
Dry Onions	103	161.00	7.4	33.00	67.91	61.12	34.23	17.11	34.23	95
						% MIG (100%)				
Corn Detassling	101,735	(101,735 acres/71.6 workers)			1,421.00	1,421.00	795.76	397.88	795.76	2,217
Soybeans	499,791	2.00	7.4	45.00	3,001.75	3,001.75	1,680.98	840.49	1,680.98	4,683
					TOTAL MIGRANTS AND DEPENDENTS FIELD AGRICULTURE					32,470
Half of dry onion acres are mechanized.										
Only an average of 6.93% of 7,211,988 soybean acres are worked by migrants. Source: Survey by Minnesota and North Dakota Legal Services.										
Green onion acreage is only reported statewide. No DFL estimate can be made.										
1.3% of 7,825,769 seed corn acres are worked by migrants. Indiana data indicate an average of 71.6 seed corn acres worked by one laborer										

SUBGROUP	SIC CODE	WORKERS		WKERS		MARRIED		MARRIED		HSEHLD		DEPENDTS	
		AVERAGE	MIGRANT	%	MIGRANT	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	MIGRANT	WKERS PLUS	DEPENDTS	DEPENDTS	DEPENDTS
FORESTRY	0651 Forestry Services	8	8	100.00%	8.00	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	8
FOOD PROCESSING	0723 Crop Preparation	7,031	3,163.95	45.00%	1,771.81	56.00%	1,771.81	885.91	1,771.81	4,936	1,231	102	4,936
	5148 Fresh Fruits & Vgs. Wholesale	146	65.70	45.00%	36.79	56.00%	36.79	18.40	36.79	102	102	102	102
	2033 Canned Fruits & Vegetables	1,753	788.85	45.00%	441.76	56.00%	441.76	220.88	441.76	1,231	1,231	1,231	1,231
	2037 Frozen Fruits & Vegetables	387	174.15	45.00%	97.52	56.00%	97.52	48.76	97.52	272	272	272	272
COTTON GINNING	0724 Cotton Ginning & Pickery	0	0.00		0.00		0.00	0.00	0.00	0	0	0	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nureery	18,607	16,746.30	90.00%	9,377.93	56.00%	9,377.93	4,688.96	9,377.93	26,124	26,124	26,124	26,124
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	763	686.70	90.00%	384.55	56.00%	384.55	192.28	384.55	1,071	1,071	1,071	1,071
	TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									33,744	33,744	33,744	33,744
	GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									66,214	66,214	66,214	66,214

COUNTIES INCLUDED IN ESTIMATE:												
Adams, Alexander, Bond, Boone, Bureau, Calhoun, Carroll, Cass, Champaign, Clay, Clinton, Coles, Cook, Crawford, Cumberland,	Dekalb, DeWitt, Douglas, DuPage, Edgar, Edwards, Fayette, Ford, Franklin, Gallatin, Grundy, Hamilton, Hancock, Henderson, Henry, Iroquois,	Jackson, Jefferson, Jersey, Jo Daviess, Johnson, Kane, Kanakakee, Kendall, Knox, La Salle, Lake, Lawrence, Logan, Macon, Macoupin,	Madison, Marion, Marshall, Mason, Massac, McDonough, McHenry, McLean, Mercer, Monroe, Montgomery, Morgan, Ogle, Peoria, Platt, Pike,	Pulaski, Putnam, Randolph, Rock Island, St. Clair, Saline, Sagamon, Scott, Shelby, Stark, Stephenson, Tazewell, Union, Vermilion,	Wabash, Warren, Wayne, White, Whiteside, Will, Williamson, Winnebago, Woodford							

ILLINOIS continued

INDIANA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (91.8%)	X (56.0%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	4,030	91.00	7.4	36.43	1,360.39	1,248.84	699.35	349.68	699.35	2,060
Asparagus	161	84.00	7.4	36.43	50.17	46.05			25.79	76
Broccoli	79	98.00	7.4	43.57	24.01	22.04	12.34		12.34	36
Cantaloups	2,517	60.00	7.4	37.86	539.07	494.87	277.13		277.13	816
Cauliflower	40	94.00	7.4	37.14	13.68	12.56	7.03		7.03	21
Cucumbers & Pickles	1,219	110.00	7.4	20.00	906.00	831.70	465.75		465.75	1,372
Eggplant	41	157.00	7.4	57.86	15.03	13.80	7.73		7.73	23
Head Cabbage		90.00	7.4	58.57	93.44	85.78	48.04		48.04	141
Hot Peppers		272.00	7.4			58.89	32.98		32.98	97
Irish Potatoes	1,298	11.00				63.58			35.61	105
Kale	21	157.00				7.07			3.96	12
Lettuce & Romaine		107.00	7.4	87.86		3.32			1.86	5
Mint for Oil		4.00	7.4	22.14		216.05			120.99	356
Mustard Greens			7.4	22.14		58.16			32.57	96
Pears		76.00	7.4	22.86		22.27			12.47	37
Pumpkins			7.4						48.93	144
Squash									90.22	266
Strawberries									848.97	2,500
Sweet Corn									553.60	1,630
Sweet Peppers									96.73	285
Tame Blueberries			7.4						80.26	236
Watermelons	4,697		7.4						590.51	1,739
PREHARVEST										
Grapes	53	40.00	7.4	85.72	3.34	3.07		0.86	1.72	5
DIVERSIFIED CROPS										
Dry Onions	319	161.00	7.4	40.72	170.46	156.48	87.63	43.82		258
Tobacco	1,960	65.00	7.4	27.00	637.64	585.35	327.80	163.90		965
Tomatoes (Hand)	869	300.00	7.4	43.57	808.54	742.24	415.65	207.83	415.65	1,224
Tomatoes (Mechan)	4,926	27.00	7.4	43.57	412.49	378.67	212.05	106.03	212.05	625

INDIANA continued	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I		
			SEASON WORK	COLUMNS X (100.0%)	COL F X (56.0%)	COL H / (2)	COL I X (2)	MIGRANT NUMBER	WKERS DEPENDTS	MIGRANT WKERS PLUS DEPENDTS		
		WORK HOURS	DAYS	(AxB)/(CxD)	MARRIED WKERS	HSEHLS	NUMBER DEPENDTS					
CROP	ACRES	HOURS	DAYS	DFL	WARRIED	HSEHLS	NUMBER DEPENDTS	DEPENDTS	DEPENDTS	DEPENDTS		
Corn Detassling	47,148	(47,148 acres/71.6 workers)	7.4	21.00	658.00	368.48	184.24	368.48		1,026		
Soybeans	236,018	2.00	7.4	21.00	3,037.55	1,701.03	850.52	1,701.03		4,739		
				TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE								20,897

Half of dry onion acres are mechanized.
 15% of tomatoes are hand harvested at 300 hrs/acre. 85% are mechanized at 27 hrs/acre.
 1.3% of 3,626,786 seed corn acres are worked by migrants, Indiana data indicate an average of 71.6 seed corn acres are worked by one laborer.
 Only an average of 6.93% of 3,405,749 soybean acres are worked by migrants. Source: Survey by Minnesota and North Dakota Legal Services.

COUNTIES INCLUDED IN ESTIMATE:

Adams, Allen, Bartholomew, Benton, Blackford, Boone, Carroll, Cass, Clark, Clinton, DeKalb, Dearborn, Delaware, Dubois, Elkhart, Floyd, Fountain, Fulton, Gibson, Grant, Hamilton, Hendricks, Henry, Howard, Huntington, Jackson, Jasper, Jay, Johnson, Knox, Kosciusko, LaPorte, Lagrange, Lake, Madison, Marion, Marshall, Miami, Newton, Noble, Porter, Pulaski, Putnam, Randolph, Rush, St. Joseph, Shelby, Spencer, Starke, Sullivan, Tippecanoe, Tipton, Wabash, Washington, Wells, White, Whitley

SUBGROUP	SIC CODE	COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL C+H	
		AVERAGE WORKERS	MIGRANT WORKERS	%	MIGRANT WORKERS	NUMBER	MIGRANT WKERS	MARRIED %	MARRIED WKERS	NUMBER	MARRIED	NUMBER	HSEHLS	NUMBER	DEPENDTS	NUMBER	DEPENDTS	MIGRANT	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
FOOD PROCESSING	0723 Crop Preparation	58	45.90%	26.62	56.00%	14.91	7.45	14.91	42					14.91	14.91				42
	5148 Fresh Fruits & Veggies, Wholesale	155	45.90%	71.15	56.00%	39.84	19.02	39.84	111					39.84	39.84				111
	2033 Canned Fruits & Vegetables	1,498	45.90%	687.58	56.00%	385.05	192.52	385.05	1,073					385.05	385.05				1,073
	2037 Frozen Fruits & Vegetables	0	0	0.00	0.00	0.00	0.00	0.00	0					0.00	0.00				0
COTTON GINNING	0724 Cotton Ginning & Pickery	0	0	0.00	0.00	0.00	0.00	0.00	0					0.00	0.00				0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	7,820																	7,820
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	249	91.80%	228.58	56.00%	128.01	64.00	128.01	357					128.01	128.01				357
						TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS								9,402					
Nursery/greenhouse estimate based on an average of 11.5 migrant workers per nursery. Source: Illinois data.																			
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)																		30,299	

IOWA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (85.4%)	X (56.0%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(Cx D)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	782	91.00	7.4	21.43	448.77	383.25	214.62	107.31	214.62	598
Broccoli	13	98.00	7.4	42.14	4.09	3.49	1.95	0.98	1.95	5
Cantaloups	336	60.00	7.4	24.29	112.18	95.80	53.65	26.82	53.65	149
Cucumbers/Pickles	9	110.00	7.4	40.00	3.34	2.86	1.60	0.80	1.60	4
Head Cabbage	3	90.00	7.4	41.43	0.88	0.75	0.42	0.21	0.42	1
Irish Potatoes	872	11.00	7.4	43.57	29.75	25.41	14.23	7.11	14.23	40
Pumpkins	208	22.00	7.4	17.86	34.30	29.29	16.40	8.20	16.40	46
Squash	24	110.00	7.4	61.43	5.81	4.96	2.78	1.39	2.78	8
Strawberries	68	556.00	7.4	26.43	193.32	165.10	92.45	46.23	92.45	258
Sweet Corn	1,878	37.00	7.4	29.29	320.63	273.82	153.34	76.67	153.34	427
Sweet Peppers	16	128.00	7.4	7.86	35.22	30.08	16.85	8.42	16.85	47
Tomatoes	501	280.00	7.4	29.29	647.30	552.80	309.57	154.78	309.57	862
Watermelons	340	53.00	7.4	33.57	72.54	61.95	34.69	17.34	34.69	97
PREHARVEST										
Grapes	27	40.00	7.4	30.00	4.86	4.15	2.33	1.16	2.33	6
						% MIG				
						(100%)				
DIVERSIFIED CROPS										
Corn Detassling	166,245	(166,245 acres/71.6 workers)			2,321.86	2,321.86	1,300.24	650.12	1,300.24	3,622
Soybeans	172,605	2.00	7.4	21	2,221.43	2,221.43	1,244.00	622.00	1,244.00	3,465
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										9,636
An average of 71.6 seed corn acres are worked by one laborer. All laborers are migrants. Source: Indiana Legal Services.										
Only an average of 3.72% of soybean acres are worked by migrants. Source: survey by Minnesota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
Butler, Carroll, Cerro Gordo, Crawford, Dallas, Floyd, Franklin, Fremont, Greene, Guthrie, Hamilton, Hancock, Harrison, Henry, Iowa, Jasper, Lee, Louisa, Madison, Mitchell, Monona, Muscatine, Page, Polk, Poweshke, Scott, Shelby, Warren, Washington, Webster, Winnebago, Woodbury, Worth										

IOWA continued									
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0
	5148 Fresh Fruits & Vegg. Wholesale	46	42.70%	19.84	56.00%	11.00	5.50	11.00	31
	2033 Canned Fruits & Vegetables	515	42.70%	219.91	56.00%	123.15	81.57	123.15	343
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0.00	0
CROPS UNDER COVER	0182 Food Crops Grown Under Cover			0.00		0.00	0.00	0.00	0
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									374
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									10,010

KANSAS										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (53.4%)	X (60.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	585	91.00	7.4	27.00	266.44	142.28	86.65	43.32	86.65	229
Cantaloups			7.4							44
Pecans	428	15.00	7.4	34.00	25.52	13.83	8.30	4.15	8.30	22
Pumpkins	295	22.00	7.4	38.00	23.08	12.32	7.51	3.75	7.51	20
Squash	51	110.00	7.4	21.00	36.10	19.28	11.74	5.87	11.74	31
Strawberries	17	556.00	7.4	24.00	53.22	28.42	17.31	8.85	17.31	48
Sweet Corn	485	37.00	7.4	30.00	80.83	43.17	26.29	13.14	26.29	69
Sweet Peppers	11	128.00	7.4	44.00	4.32	2.31	1.41	0.70	1.41	4
Tomatoes	67	280.00	7.4	34.00	74.56	39.82	24.25	12.12	24.25	64
Watermelons	383	53.00	7.4	26.00	105.50	56.34	34.31	17.16	34.31	91
PREHARVEST										
Dry Beans	18,055	15.00	7.4	26.00	1,407.61	751.67	457.76	228.88	457.76	1,209
DIVERSIFIED CROPS										
						%MIG				
						(100%)				
Corn Detassling	8,732	(8,732 acres/71.6 workers)			122.00	122.00	74.30	37.15	74.30	196
Soybeans	35,475	2.00	7.4	21.00	456.56	456.56	278.05	139.02	278.05	735
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										2,760
1.3% of 671,716 seed corn acres are worked by migrants, Indiana data indicate an average of 71.6 seed corn acres are worked by one laborer.										
Only an average of 6.93% of 511,909 soybean acres are worked by migrants. Source: Survey by Minnesota and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
Atchinson, Brown, Cloud, Doniphan, Douglas, Finney, Ford, Gove, Grant, Gray, Greeley, Hamilton, Harvey, Haskell, Hodgeman, Johnson, Kearney, Leavenworth, Linn, Lyon, Morton, Reno, Saline, Scott, Sedgwick, Seward, Shawnee, Sherman, Stanton, Thomas, Wichita, Wyandotte										

KANSAS continued									
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE	MIGRANT	MIGRANT	%	NUMBER	NUMBER	NUMBER	WKERS PLUS
		WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0
FOOD PROCESSING	0723 Crop Preparation	25	26.70%	6.68	60.90%	4.07	2.03	4.07	11
	5148 Fresh Fruits & Veggies Wholesale	78	26.70%	20.83	60.90%			12.68	
	2033 Canned Fruits & Vegetables	0		0.00					
	2037 Frozen Fruits & Vegetables	0		0.00					
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	327	53.40%	174.62	60.90%	106.34	53.17	106.34	281
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	75	53.40%	40.05	60.90%	24.39	12.20	24.39	64
				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS					390
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									3,150

KENTUCKY										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (52.2%)	X (56.0%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	1,631	91.00	7.4	22.00	911.68	475.90	266.50	133.25	266.50	742
Cantaloups	166	60.00	7.4	28.00	48.07	25.09	14.05	7.03	14.05	39
Head Cabbage	139	90.00	7.4	44.00	38.42	20.06	11.23	5.62	11.23	31
Peaches	488	73.00	7.4	23.00	208.45	108.81	60.93	30.47	60.93	170
	14	22.00	7.4	38.00	1.10	0.57	0.32	0.16	0.32	1
	159	556.00	7.4	22.00	543.02	283.46	158.74	79.37	158.74	442
Sweet Corn	463	37.00	7.4	34.00	68.09	35.54	19.90	9.95	19.90	55
Sweet Peppers	742	128.00	7.4	33.00	388.93	203.02	113.69	56.85	113.69	317
Tomatoes	388	280.00	7.4	34.00	429.57	224.24	125.57	62.79	125.57	350
Watermelons	220	53.00	7.4	26.00	60.60	31.63	17.72	8.86	17.72	49
DIVERSIFIED CROPS										
Tobacco	120,588				11,000.00	5,742.00	3,215.52	1,607.76	3,215.52	8,958
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										11,154
Tobacco estimate is based on data from the Agriculture Labor Assoc. in Kentucky (an association of Burley tobacco producers involved with labor recruitment) indicating 10,000-12,000 workers needed.										
COUNTIES INCLUDED IN ESTIMATE:										
Adair, Allen, Anderson, Ballard, Barren, Bath, Bourbon, Boyle, Bracken, Breckinridge, Butler, Carroll, Casey, Christian, Clark, Clinton, Cumberland, Daviess, Edmonson, Fayette, Fleming, Fulton, Gallatin, Garrard, Graves, Grayson, Green, Hardin, Harrison, Hart, Henry, Hickman, Hopkins, Lee, Letcher, Lincoln, Logan, Madison, Mason, Menifee, Mercer, Metcalfe, Monroe, Montgomery, Muhlenberg, Nelson, Oldham, Owen, Pike, Powell, Pulaski, Robertson, Russell, Simpson, Spencer, Taylor, Todd, Trigg, Trimble, Warren, Washington, Wayne, Webster										

KENTUCKY continued

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	13	100.00%	13.00	0.00%	0.00	0.00	0.00	13
FOOD PROCESSING	0723 Crop Preparation	10	27.60%	2.76	56.00%	1.55	0.77	1.55	1
	5148 Fresh Fruits & Veggies. Wholesale	162	27.60%	44.71	56.00%	25.04			70
	2033 Canned Fruits & Vegetables	78	27.60%	21.53	56.00%	12.06	6.03	12.06	34
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0.00	0
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	17	55.20%	9.38	56.00%	5.26	2.63	5.26	15
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									135
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									11,289

75

LOUISIANA continued							
	COL A	COL B	COL C	COL D	COL E	COL F	COL G
	AVERAGE	%	NUMBER	MIGRANT	%	NUMBER	NUMBER
SUBGROUP	SIC CODE	WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLD
		DEPENDTS	DEPENDTS	DEPENDTS	DEPENDTS	DEPENDTS	DEPENDTS
		NUMBER	X (2)	NUMBER	I (2)	NUMBER	NUMBER
		WKR	PLUS	WKR	PLUS	WKR	PLUS
FORESTRY	0851 Forestry Services	94	100.00%	94.00	0.00%	0.00	0.00
FOOD PROCESSING	0723 Crop Preparation	207	17.10%	35.40	29.60%	10.48	5.24
		103	17.10%	17.61	29.60%	5.21	2.61
	5148 Fresh Fruits & Veggies, Wholesale	958	17.10%	163.82	29.60%	48.49	24.25
	2033 Canned Fruits & Vegetables	0	0.00%	0.00	0.00%	0.00	0.00
	2037 Frozen Fruits & Vegetables						
COTTON GINNING	0724 Cotton Ginning & Pickery	1,848	34.10%	630.17	29.60%	186.53	93.26
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0	0.00%	0.00	0.00%	0.00	0.00
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	17	34.10%	5.80	29.60%	1.72	0.86
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS							
1,199							
7,357	GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)						

CROP	COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL I		COL F + I	
	ACRES	HOURS	HOURS	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	MIGRANT WKERS	X (50.8%)	X (32.9%)	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS
HARVEST																				
Apples	7,293	91.00			7.4	45.00	1,992.98	1,012.43	333.09	166.55	333.09	166.55	333.09							1,348
Asparagus	47	84.00			7.4	21.43	24.90	12.65	4.16	2.08	4.16	2.08	4.16							17
Broccoli	2,750	98.00			7.4	44.29	822.36	417.76	137.44	68.72	137.44	68.72	137.44							555
Cantaloups	9	60.00			7.4	24.29	3.00	1.53	0.50	0.25	0.50	0.25	0.50							2
Cauliflower	36	94.00			7.4	35.71	12.80	6.50	2.14	1.07	2.14	1.07	2.14							9
Cherries	15	202.00			7.4	15.00	27.30	13.87	4.56	2.28	4.56	2.28	4.56							18
Cucumbers/Pickles	95	110.00			7.4	18.57	76.04	38.63	12.71	6.35	12.71	6.35	12.71							51
Head Cabbage	94	90.00			7.4	42.86	26.68	13.55	4.46	2.23	4.46	2.23	4.46							18
Irish Potatoes	83,261	11.00			7.4	45.00	2,750.36	1,397.18	459.67	229.84	459.67	229.84	459.67							1,857
Lettuce/Romaine	32	107.00			7.4	66.43	6.97	3.54	1.16	0.58	1.16	0.58	1.16							5
Peaches	31	73.00			7.4	15.00	20.39	10.38	3.41	1.70	3.41	1.70	3.41							14
Pears	26	76.00			7.4	28.57	9.35	4.75	1.56	0.78	1.56	0.78	1.56							6
Plums	17	34.00			7.4	22.86	3.42	1.74	0.57	0.29	0.57	0.29	0.57							2
Pumpkins	211	22.00			7.4	18.57	33.78	17.16	5.65	2.82	5.65	2.82	5.65							23
Spinach	79	218.00			7.4	9.29	250.63	127.32	41.89	20.94	41.89	20.94	41.89							169
Squash	299	110.00			7.4	70.71	62.85	31.93	10.50	5.25	10.50	5.25	10.50							42
Strawberries	588	556.00			7.4	13.57	3,255.33	1,653.71	544.07	272.03	544.07	272.03	544.07							2,198
Sweet corn	2,107	37.00			7.4	29.29	359.73	182.74	60.12	30.06	60.12	30.06	60.12							243
Sweet Peppers	23	128.00			7.4	15.71	25.32	12.86	4.23	2.12	4.23	2.12	4.23							17
Tame Blueberries	500	106.00			7.4	25.00	288.49	145.54	47.88	23.94	47.88	23.94	47.88							193
Tomatoes	70	280.00			7.4	23.57	112.37	57.08	18.78	9.39	18.78	9.39	18.78							76
Turnips	29	26.00			7.4	48.57	2.10	1.07	0.35	0.18	0.35	0.18	0.35							1
Wild Blueberries	28,500	106.00			7.4	25.00	16,329.73	8,295.50	2,729.22	1,364.61	2,729.22	1,364.61	2,729.22							11,025
PREHARVEST																				
Carrots	63	10.00			7.4	22.00	3.87	1.97	0.65	0.32	0.65	0.32	0.65							3
Grapes	17	40.00			7.4	30.00	3.06	1.56	0.51	0.26	0.51	0.26	0.51							2
DIVERSIFIED CROPS																				
Dry Onions	8	161.00			7.4	37.14	4.69	2.38	0.78	0.39	0.78	0.39	0.78							3
Raspberries	15	135.00			7.4	15.00	18.24	9.27	3.05	1.52	3.05	1.52	3.05							12
MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE																			17,908	

MAINE continued									
Broccoli acreage and season length information from Wilfred Erhardt, University of Maine, telephone conversation 2/4/93.									
Half of dry onion acres are mechanized.									
Only 15% of raspberry acres are included. The remainder are mechanized.									
All counties in Maine are included.									

SUBGROUP	SIC CODE	WORKERS	AVERAGE MIGRANT	% MIGRANT	WKRERS	MARRIED MIGRANT	% MIGRANT	NUMBER MARRIED	NUMBER MARRIED	HSEHLD\$	NUMBER DEPENDTS	WKRERS PLUS DEPENDTS
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL J	COL K	COL L	COL M
FORESTRY	0651	355	100.00%	355.00	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	355
FOOD PROCESSING	0723	289	25.40%	73.41	32.90%	24.15	12.08	24.15	24.15	24.15	98	98
	5148	165	25.40%	41.91	32.90%					3.79	56	56
	2033	155	25.40%	39.37	32.90%					2.95	52	52
	2037	1,476	25.40%	374.90	32.90%							
COTTON GINNING	0724	0		0.00		0.00		0.00	0.00	0.00	0	0
NURSERY/GREENHOUSE	0181	76	50.80%	38.61	32.90%	12.70		6.35	12.70	12.70	51	51
	0182	31	50.80%	15.75	32.90%	5.18		2.59	5.18	5.18	21	21
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS												
1,131												
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)												
19,039												

MARYLAND										
	COL A	COL B	COL C	(GOLD)	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (74.7%)	X (32.9%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	4,406	91.00	7.4	35.00	1,548.05	1,156.40	380.45	190.23	380.45	1,537
Apricots	5	96.00	7.4	12.00	5.41	4.04	1.33	0.66	1.33	5
Asparagus	179	84.00	7.4	28.00	72.57	54.21	17.83	8.92	17.83	72
Blackberries	37	60.00	7.4	25.00	12.00	8.96	2.95	1.47	2.95	12
Broccoli*	205	98.00	7.4	43.00	63.14	47.16	15.52	7.76	15.52	63
Cantaloups*	1,555	60.00	7.4	37.00	340.76	254.55	83.75	41.87	83.75	338
Cauliflower*	120	94.00	7.4	42.00	36.29	27.11	8.92	4.46	8.92	36
Collards	511	92.00	7.4	26.00	244.35	182.53	60.05	30.03	60.05	243
Cucumbers & Pickles	3,151	110.00	7.4	27.00	1,734.78	1,295.88	426.35	213.17	426.35	1,722
Eggplant*	50	157.00	7.4	57.00	18.61	13.90	4.57	2.29	4.57	18
Green Onions	21	220.00	7.4	51.00	12.24	9.14	3.01	1.50	3.01	12
Head Cabbage*	490	90.00	7.4	57.00	104.55	78.10	25.69	12.85	25.69	104
Hot Peppers*	35	272.00	7.4	49.00	26.25	19.61	6.45	3.23	6.45	26
Irish Potatoes*	1,700	11.00	7.4	76.00	33.25	24.84	8.17	4.09	8.17	33
Kale*	615	180.00	7.4	38.00	393.67	294.07	96.75	48.37	96.75	391
Lettuce & Romaine	20	107.00	7.4	65.00	4.45	3.32	1.09	0.55	1.09	4
Mustard Greens	228	179.00	7.4	22.00	250.69	187.26	61.61	30.80	61.61	249
Nectarines	41	38.00	7.4	43.00	4.90	3.66	1.20	0.60	1.20	5
Okra	34	206.00	7.4	30.00	31.55	23.57	7.75	3.88	7.75	31
Parsley	29	293.00	7.4	34.00	33.77	25.23	8.30	4.15	8.30	34
Peaches	2,436	73.00	7.4	25.00	961.23	718.04	236.24	118.12	236.24	954
Pears	178	76.00	7.4	16.00	114.26	85.35	28.08	14.04	28.08	113
Plums/Prunes	76	34.00	7.4	21.00	16.63	12.42	4.09	2.04	4.09	17
Pumpkins*	1,090	22.00	7.4	37.00	87.58	65.42	21.52	10.76	21.52	87
Radishes	11	367.00	7.4	32.00	17.05	12.73	4.19	2.09	4.19	17
Spinach*	2,715	218.00	7.4	32.00	2,499.45	1,867.09	614.27	307.14	614.27	2,481
Squash*	1,025	110.00	7.4	21.00	725.55	541.98	178.31	89.16	178.31	720
Strawberries	568	556.00	7.4	14.00	3,048.34	2,277.11	749.17	374.58	749.17	3,026
Sweet Corn*	18,100	37.00	7.4	22.00	4,113.64	3,072.89	1,010.98	505.49	1,010.98	4,084
Sweet Peppers*	335	128.00	7.4	43.00	134.76	100.66	33.12	16.56	33.12	134
Sweet Potatoes*	300	82.00	7.4	37.00	89.85	67.12	22.08	11.04	22.08	89
Tame Blueberries	53	106.00	7.4	27.00	28.12	21.00	6.91	3.46	6.91	28
Tomatoes	4,265	280.00	7.4	55.00	2,934.15	2,191.81	721.11	360.55	721.11	2,913
Turnip Greens	186	140.00	7.4	37.00	95.11	71.04	23.37	11.69	23.37	94
Turnips*	130	26.00	7.4	36.00	12.69	9.48	3.12	1.56	3.12	13
Watermelons*	3,065	53.00	7.4	37.00	593.30	443.19	145.81	72.91	145.81	589

MARYLAND continued										
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I	
		WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(Cx D) DFL	X (74.7%) MIGRANT WKRERS	X (32.9%) NUMBER MARRIED	/ (2) NUMBER HSEHLDs	X (2) NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS	
CROP	ACRES	HOURS	DAYS	DFL	WKRERS	MARRIED	HSEHLDs	DEPENDTS	DEPENDTS	
PREHARVEST										
Carrots	394	10.00	22.00	24.20	18.08	5.95	2.97	5.95	24	
Grapes	485	40.00	85.00	30.84	23.04	7.58	3.79	7.58	31	
Green Lima Beans*	200	9.00	24.00	10.14	7.57	2.49	1.25	2.49	10	
DIVERSIFIED CROPS										
Dry Onions	7	161.00	33.00	4.62	3.45	1.13	0.57	1.13	5	
Raspberries	22	135.00	27.00	14.86	11.10	3.65	1.83	3.65	15	
Tobacco*	6,600	65.00	30.00	2,518.02	1,880.96	618.84	309.42	618.84	2,500	
					% MIG (100%)					
Soybeans*	34,650	2.00	21.00	445.95	445.95	146.72	73.36	146.72	593	
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										
* Acreage data from "Summary for 1991," prepared by the Maryland Department of Agriculture.										
Half of dry onions are mechanized.										
Only 15% of raspberry acres are included. The remainder are mechanized.										
Only an average of 6.93% of 500,000 Maryland soybean acres are worked by migrants. Source: survey by Minn. and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
Alleghany, Baltimore, Caroline, Carroll, Cecil, Charles, Dorchester, Frederick, Garrett, Harford, Kent, Prince George, Queen Anne, Somerset, Washington, Wicomico, Worcester										

MARYLAND continued										
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H		
		AVERAGE WORKERS	% MIGRANT WKRERS	NUMBER WKRERS	% MARRIED	NUMBER HSEHLDs	NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS		
SUBGROUP	SIC CODE	WORKERS	WKRERS	WKRERS	MARRIED	HSEHLDs	DEPENDTS	DEPENDTS		
FORESTRY										
0651 Forestry Services								80		
FOOD PROCESSING										
0723 Crop Preparation		60	37.40%	22.44	32.90%	7.38	3.69	7.38	30	
5148 Fresh Fruits & Veggies Wholesale		150	37.40%	56.10	32.90%	18.46	9.23	18.46	75	
2033 Canned Fruits & Vegetables		549	37.40%	205.33	32.90%	67.55	33.78	67.55	273	
2037 Frozen Fruits & Vegetables		252	37.40%	94.25	32.90%	31.01	15.50	31.01	125	
0724 Cotton Ginning & Pickery		0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE										
0181 Ornamental Floriculture & Nursery									212	
CROPS UNDER COVER										
0182 Food Crops Grown Under Cover		0		0.00		0.00	0.00	0.00	0	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS										
Forestry figures provided by Maryland Legal Services. Nursery/Greenhouse figure from labor camp permits.										
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										
24,267										

MASSACHUSETTS										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (22.5%)	X (32.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
	8,415	91.00	7.4	27.14	3,812.49	857.81	282.22	141.11	282.22	1,140
	2	96.00	7.4	13.57	1.91	0.43	0.14	0.07	0.14	1
	130	84.00	7.4	10.00	147.57	33.20	10.92	5.46	10.92	44
	7	80.00	7.4	7.14	7.95	1.79	0.59	0.29	0.59	2
	85	98.00	7.4	27.88	40.41	9.09	2.99	1.50	2.99	12
	1	120.00	7.4	85.71	0.25	0.06	0.02	0.01	0.02	0
	68	80.00	7.4	24.29	22.70	5.11	1.68	0.84	1.68	7
	57	94.00	7.4	27.14	26.88	6.00	1.97	0.99	1.97	8
	28	202.00	7.4	11.43	66.88	15.05	4.95	2.48	4.95	20
	36	92.00	7.4	85.00	5.27	1.18	0.39	0.19	0.39	2
	631	110.00	7.4	22.14	423.60	95.31	31.36	15.68	31.36	127
	69	157.00	7.4	58.57	24.99	5.62	1.85	0.93	1.85	7
	8	75.00	7.4	28.57	2.84	0.64	0.21	0.11	0.21	1
	10	220.00	7.4	105.00	2.83	0.64	0.21	0.10	0.21	1
	540	90.00	7.4	37.86	173.48	39.03	12.84	6.42	12.84	52
	64	272.00	7.4	20.00	117.62	26.46	8.71	4.35	8.71	35
	2,628	11.00	7.4	43.57	89.66	20.17	6.64	3.32	6.64	27
	52	180.00	7.4	40.00	31.62	7.11	2.34	1.17	2.34	9
	323	107.00	7.4	66.43	70.31	15.82	5.20	2.60	5.20	21
	9	38.00	7.4	27.14	1.70	0.38	0.13	0.06	0.13	1
	9	293.00	7.4	33.57	10.61	2.39	0.79	0.39	0.79	3
	48	73.00	7.4	21.43	22.10	4.97	1.64	0.82	1.64	7
	149	76.00	7.4	32.86	46.57	10.48	3.45	1.72	3.45	14
	26	34.00	7.4	19.29	6.19	1.39	0.46	0.23	0.46	2
	1,096	22.00	7.4	30.00	108.61	24.44	8.04	4.02	8.04	32
	49	367.00	7.4	45.00	54.00	12.15	4.00	2.00	4.00	16
	77	218.00	7.4	11.43	198.48	44.66	14.69	7.35	14.69	59
	1,995	110.00	7.4	27.14	1,092.57	245.83	80.88	40.44	80.88	327
	372	556.00	7.4	15.71	1,778.65	400.20	131.66	65.83	131.66	532
	8,444	37.00	7.4	33.57	1,257.62	282.96	93.10	46.55	93.10	376
	611	128.00	7.4	15.71	672.55	151.32	49.79	24.89	49.79	201
	370	106.00	7.4	16.43	322.61	72.59	23.88	11.94	23.88	96
	570	280.00	7.4	27.14	794.59	178.78	58.82	29.41	58.82	238
			7.4	21.43	9.35	2.10	0.69	0.35	0.69	3
			7.4	15.00	3.82	0.88	0.28	0.14	0.28	1
			7.4	16.43	391.49	88.09	28.98	14.49	28.98	117

MASSACHUSETTS continued										
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I	
	ACRES	HOURS	WORK HOURS	COLUMNS (AxB)/(CxD) DFL	MIGRANT WKRERS	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	NUMBER DEPENDTS	
PREHARVEST										
Carrots	250	10.00	7.4	15.38	3.46	1.14	0.57	1.14	5	
Grapes	251	40.00	7.4	45.23	10.18	3.35	1.67	3.35	14	
Lima Beans	1	9.00	7.4	0.05	0.01	0.00	0.00	0.00	0	
DIVERSIFIED CROPS										
Cranberries						0.00		0.00		
Dry Harvest	10,277	12.00	7.4	583.29	131.24	43.18	21.59	43.18	174	
Wet Harvest	1,814	24.00	7.4	205.91	46.33	15.24	7.62	15.24	62	
Dry Onions	27	161.00	7.4	34.27	7.71	2.54	1.27	2.54	10	
Raspberries	14	135.00	7.4	22.35	5.03	1.65	0.83	1.65	7	
Tobacco										
Shade	480	(480 acres X 2.125 workers)		1,020.00	229.50	0.00	0.00	0.00	230	
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										4,041

Half of dry onions are mechanized.

Only 15% of raspberry acres are included. The remainder are mechanized.

Estimate of shade tobacco from survey of tobacco growers indicating an average 2.125 wkrs/acre. Source: Western Mass Legal Services.

COUNTIES INCLUDED IN ESTIMATE:

All counties in Massachusetts are included.

COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	
SIC CODE	AVERAGE WORKERS	% MIGRANT WKRERS	NUMBER MIGRANT WKRERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS	
FORESTRY									
0451 Forestry Services	10	100.00%	10.00	0.00%	0.00	0.00	0.00	10	
0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0	
5148 Fresh Fruits & Vgs. Wholesale	215	11.25%	24.19	32.90%	7.98	3.98	7.96	32	
2033 Canned Fruits & Vegetables	844	11.25%	94.95	32.90%	31.24	15.62	31.24	126	
2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE									
0181 Ornamental Floriculture & Nursery	631	22.50%	141.98	32.90%	46.71	23.35	46.71	189	
CROPS UNDER COVER									
0182 Food Crops Grown Under Cover	54	22.50%	12.15	32.90%	4.00	2.00	4.00	16	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS								373	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									4,414

MICHIGAN	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
	ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (80.4%) MIGRANT WKERS	X (56.0%) NUMBER MARRIED	/ (2) NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WKERS PLUS DEPENDTS
HARVEST										
Apples	72,165	91.00	7.4	34.00	26,101.01	20,985.21	11,751.72	5,875.86	11,751.72	32,737
Apricots	166	96.00	7.4	4.00	538.38	432.86	242.40	121.20	242.40	675
Asparagus	22,863	84.00	7.4	36.00	7,209.05	5,796.08	3,245.80	1,622.90	3,245.80	9,042
Broccoli	268	98.00	7.4	44.00	80.66	64.85	36.32	18.16	36.32	101
Cantaloups	1,207	60.00	7.4	19.00	515.08	414.12	231.91	115.95	231.91	646
Cauliflower	1,385	94.00	7.4	29.00	606.66	487.76	273.14	136.57	273.14	761
Celery	1,608	126.00	7.4	41.00	667.79	536.90	300.67	150.33	300.67	838
Cherries (unspecified)	208	159.00	7.4	40.00	111.73	89.83	50.31	25.15	50.31	140
Collards	127	92.00	7.4	26.00	60.73	48.83	27.34	13.67	27.34	76
Cucumbers & Pickles	21,846	110.00	7.4	37.00	8,776.70	7,056.47	3,951.62	1,975.81	3,951.62	11,008
Eggplant	54	157.00	7.4	65.00	17.63	14.17	7.94	3.97	7.94	22
Head Cabbage	2,305	90.00	7.4	44.00	637.13	512.25	286.86	143.43	286.86	799
Honeydew Melons	19	120.00	7.4	26.00	11.85	9.53	5.34	2.67	5.34	15
Irish Potatoes	37,175	11.00	7.4	39.00	1,416.93	1,139.21	637.96	318.98	637.96	1,777
Lettuce & Romaine	685	107.00	7.4	59.00	167.88	134.97	75.58	37.79	75.58	211
Mint for Oil	3,546	4.00	7.4	31.00	61.83	49.71	27.84	13.92	27.84	78
Mustard Greens	84	179.00	7.4	22.00	92.36	74.26	41.58	20.79	41.58	116
Nectarines	87	38.00	7.4	57.00	7.84	6.30	3.53	1.76	3.53	10
Peaches	10,550	73.00	7.4	37.00	2,812.82	2,261.51	1,266.44	633.22	1,266.44	3,528
Pears	1,464	76.00	7.4	32.00	469.86	377.77	211.55	105.78	211.55	589
Plum & Prunes	3,798	34.00	7.4	21.00	830.97	668.10	374.13	187.07	374.13	1,042
Pumpkins	1,824	22.00	7.4	38.00	142.70	114.73	64.25	32.13	64.25	179
Spinach	73	218.00	7.4	12.00	179.21	144.09	80.69	40.34	80.69	225
Squash	3,149	110.00	7.4	21.00	2,229.02	1,792.13	1,003.59	501.80	1,003.59	2,796
Strawberries	2,364	556.00	7.4	19.00	9,348.39	7,516.11	4,209.02	2,104.51	4,209.02	11,725
Sweet Cherries	12,033	218.00	7.4	11.00	32,225.97	25,909.68	14,509.42	7,254.71	14,509.42	40,419
Sweet Corn	10,542	37.00	7.4	44.00	1,197.95	963.16	539.37	269.68	539.37	1,503
Sweet Peppers	2,863	128.00	7.4	44.00	1,125.50	904.90	506.75	253.37	506.75	1,412
Tame Blueberries	13,344	106.00	7.4	25.00	7,645.75	6,147.18	3,442.42	1,721.21	3,442.42	9,590
Tomatoes	8,868	280.00	7.4	44.00	7,626.04	6,131.34	3,433.55	1,716.78	3,433.55	9,565
Watermelons	124	53.00	7.4	33.00	26.91	21.64	12.12	6.06	12.12	34
PREHARVEST										
Carrots	5,188	10.00	7.4	22.00	318.67	256.21	143.48	71.74	143.48	400
Grapes	11,722	40.00	7.4	119.00	532.46	428.09	239.73	119.87	239.73	668
Sugarbeet for Sugar	164,595	2.00	7.4	33.00	1,348.03	1,083.82	606.94	303.47	606.94	1,691
Tart Cherries	47,105	13.00	7.4	15.00	5,516.80	4,435.51	2,483.88	1,241.94	2,483.88	6,919

MICHIGAN continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (80.4%)	X (56.0%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDs	DEPENDTS	DEPENDTS
DIVERSIFIED CROPS										
Dry Onions	374	181.00	7.4	34.00	239.32	182.42	107.75	53.88	107.75	300
Raspberries	70	135.00	7.4	27.00	47.30	38.03	21.30	10.85	21.30	59
						% MIG				
						(100%)				
Soybean	70,294	2.00	7.4	21.00	904.68	904.88	506.62	253.31	506.62	1,411
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										153,105
Only 5% of the total 7,474 dry onion acreage is hand topped.										
Only 15% of raspberry acres are included. The remainder are mechanized.										
Only an average of 6.93% of 1,014,349 soybean acres are worked by migrants. Source: survey by Minn. and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
Alcona, Allegan, Alpena, Antrim, Arenac, Barry, Bay, Benzie, Berrien, Branch, Calhoun, Cass, Charlevoix, Clinton, Crawford, Eaton, Genesee, Grand Traverse, Gratiot, Hillsdale, Huron, Ingham, Ionia, Iosco, Isabella, Jackson, Kalamazoo, Kalkaska, Kent, Lapeer, Leelanau, Lenawee, Livingston, Macomb, Manistee, Marquette, Mason, Mecosta, Menominee, Midland, Missaukee, Monroe, Montcalm, Muskegon, Newaygo, Oakland, Oceana, Ottawa, Roscommon, Saginaw, St. Clair, St. Joseph, Sanilac, Shiawassee, Tuscola, Van Buren, Washtenaw, Wayne										

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SUBGROUP	SIC CODE	COL C %	COL D NUMBER
FORESTRY	0851 Forestry Services		
FOOD PROCESSING	0723 Crop Preparation		
	5148 Fresh Fruits & Veggies Wholesale	40.20%	
	2033 Canned Fruits & Vegetables		
	2037 Frozen Fruits & Vegetables	40.20%	
COTTON GINNING	0724 Cotton Ginning & Pickery		0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery		3,018
CROPS UNDER COVER	0182 Food Crops Grown Under Cover		1,062
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)			

MINNESOTA	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (94.6%)	X (56.0%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AXB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	3,299	91.00	7.4	21.43	1,893.21	1,790.98	1,002.95	501.47	1,002.95	2,794
Asparagus	2,254	84.00	7.4	31.43	814.10	770.14	431.28	215.84	431.28	1,201
Cucumbers/Pickles	315	110.00	7.4	11.43	409.71	387.59	217.05	108.52	217.05	605
Green Onions	42	220.00	7.4	32.14	38.85	36.75	20.58	10.29	20.58	57
Head Cabbage	202	90.00	7.4	38.57	63.69	60.25	33.74	16.87	33.74	94
Irish Potatoes	57,923	11.00	7.4	32.86	2,620.49	2,478.98	1,388.23	694.11	1,388.23	3,867
Pumpkins	315	22.00	7.4	17.86	52.44	49.61	27.78	13.89	27.78	77
Radishes	680	367.00	7.4	44.29	781.52	720.40	403.42	201.71	403.42	1,124
Squash	354	110.00	7.4	61.43	85.66	81.04	45.38	22.69	45.38	126
Strawberries	311	558.00	7.4	27.14	860.89	814.40	456.07	228.03	456.07	1,270
Sweet Peppers	128	128.00	7.4	43.57	50.81	48.07	26.92	13.46	26.92	75
PREHARVEST										
Carrots	1,267	10.00	7.4	22.00	77.83	73.62	41.23	20.61	41.23	115
Sugar Beets	358,100	13.00	7.4	36.00	17,474.85	16,531.21	9,257.48	4,628.74	9,257.48	25,789
DIVERSIFIED CROPS										
Dry Onions	335	161.00	7.4	32.14	226.75	214.51	120.13	60.06	120.13	335
Raspberries	8	135.00	7.4	13.57	10.75	10.17	5.70	2.85	5.70	16
Sweet Corn	8,714	37.00	7.4	16.43	2,652.09	2,508.87	1,404.97	702.48	1,404.97	3,914
						% MIG				
						(100%)				
Corn Detassling	50,000	(50,000 acres/71.6 workers)			698.32	698.32	391.06	195.53	391.06	1,089
Dry Beans	5,335	15.00		24.00	450.59	450.59	252.33	126.17	252.33	703
	124,930	2.00		21.00	1,607.85	1,607.85	900.40	450.20	900.40	2,508
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										45,760
Only 9.32% of dry bean acres are worked by migrants. Source: survey by North Dakota Legal Services.										
Half of dry onion acres are mechanized.										
Only 15% of raspberry acres are included. The remainder are mechanized.										
Only 10% of sweet corn is grown for fresh market. The remainder is for processing.										
An average of 71.6 seed corn acres are worked by one laborer. All laborers are migrants. Source: research by Indiana Legal Services.										
Only 3.72% of soybean acres are worked by migrants. Source: survey by Minn Legal Services.										

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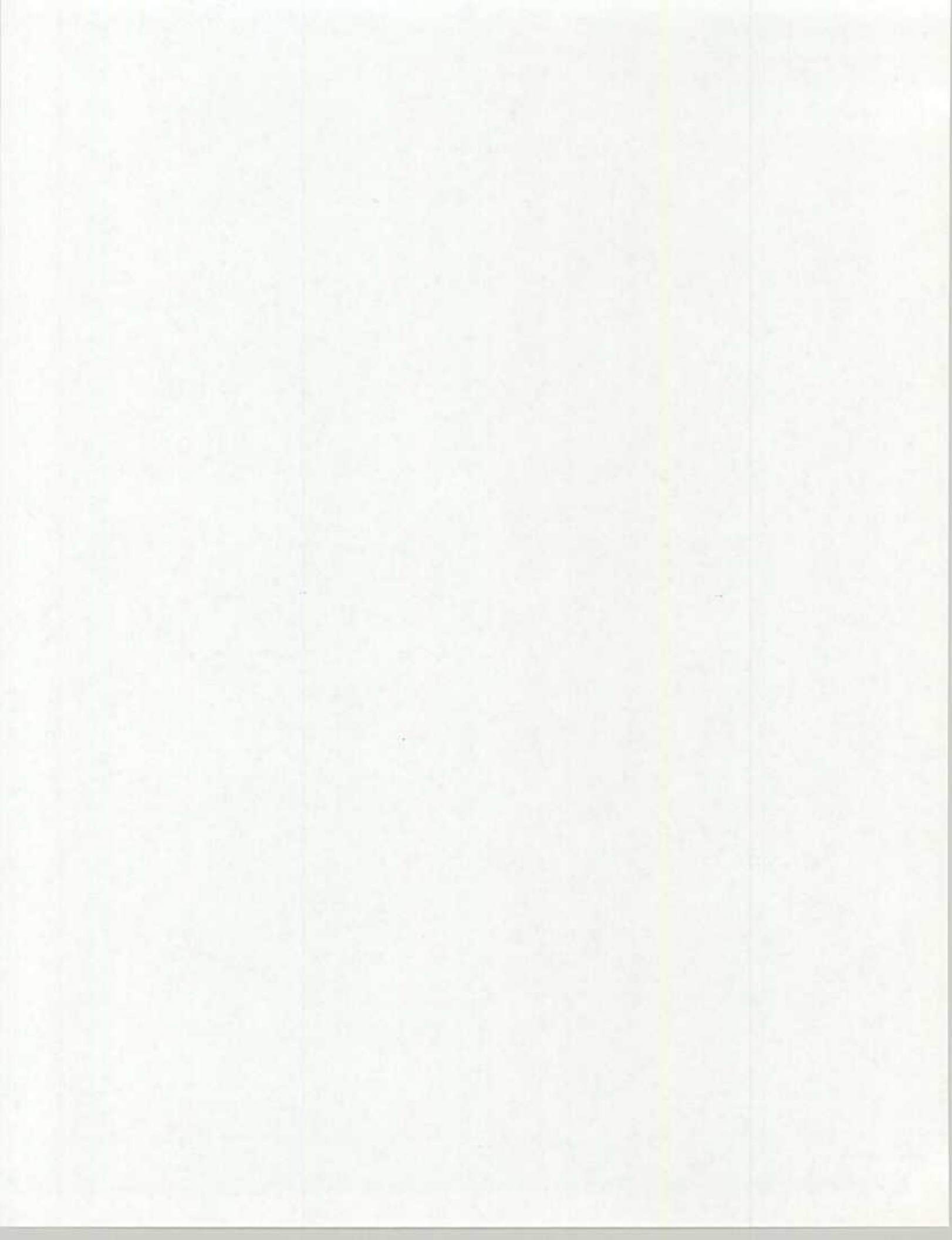
COUNTIES INCLUDED IN ESTIMATE:

Anoka, Big Stone, Blue Earth, Brown, Carver, Chippewa, Clay, Dakota, Dodge, Faribault, Freeborn, Grant, Hennepin, Kandiyohi, Kittson, Koochiching, Lac qui Parle, Le Sueur, Lincoln, Lyon, Marshall, Martin, McLeod, Meeker, Morrison, Mower, Nicollet, Norman, Olmsted, Polk, Ramsey, Red Lake, Redwood, Renville, Rice, Scott, Sherburne, Sibley, Stearns, Steele, Stevens, Swift, Traverse, Wabasha, Wadena, Waseca, Wallonwan, Wilkin, Wright, Yellow Medicine

SUBGROUP	COL A SIC CODE	COL B AVERAGE WORKERS	COL C % MIGRANT WKERS	COL D NUMBER MIGRANT WKERS	COL E % MARRIED	COL F		COL G		COL H		COL C + H	
						NUMBER MARRIED	NUMBER MARRIED	NUMBER HSEHLDs	NUMBER HSEHLDs	X (2) NUMBER DEPENDTS	X (2) NUMBER DEPENDTS	MIGRANT WKERS PLUS DEPENDTS	MIGRANT WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0	0
FOOD PROCESSING	0723 Crop Preparation	265	47.30%	125.35	56.00%	70.19	35.10	70.19	35.10	70.19	35.10	196	196
	5148 Fresh Fruits & Vgs. Wholesale	150	47.30%	70.95	56.00%	38.73	19.87	38.73	19.87	38.73	19.87	111	111
	2033 Canned Fruits & Vegetables	5,614	47.30%	2,655.42	56.00%	1,487.04	743.52	1,487.04	743.52	1,487.04	743.52	4,142	4,142
	2037 Frozen Fruits & Vegetables	1,189	47.30%	562.40	56.00%	314.94	157.47	314.94	157.47	314.94	157.47	877	877
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,395	94.60%	1,319.67	56.00%	739.02	369.51	739.02	369.51	739.02	369.51	2,059	2,059
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0	0
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS											7,385	7,385	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)											53,145	53,145	

MISSISSIPPI ESTIMATE ONE - FROM FIELD RESEARCH AND SUBGROUP SIC DATA									
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WORKERS	MIGRANT WORKERS	MARRIED %	MARRIED NUMBER	HSEHDS NUMBER	DEPENDTS NUMBER	WKRERS PLUS DEPENDTS
FIELD RESEARCH	Includes field agriculture, forestry and gln workers								14,844
TOTAL MIGRANTS AND DEPENDENTS FROM FIELD RESEARCH									
FOOD PROCESSING	0723 Crop Preparation	0	0.00	0.00	29.60%	2.91	1.45	2.91	0
	5148 Fresh Fruits & Veggies, Wholesale	59	16.65%	9.82	29.60%	2.91	1.45	2.91	13
	2033 Canned Fruits & Vegetables	104	16.65%	17.32	29.60%	5.13	2.56	5.13	22
	2037 Frozen Fruits & Vegetables	0	0.00	0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	216	33.30%	71.93	29.60%	21.29	10.65	21.29	93
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	385	33.30%	128.21	29.60%	37.95	18.97	37.95	166
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									295
GRAND TOTAL MIGRANTS AND DEPENDENTS (HANDS-ON RESEARCH AND SUBGROUPS)									
									15,139

Field research involved a special study of Mississippi conducted for the Legal Services Corporation involving extensive on-site work.



MISSISSIPPI ESTIMATE TWO - FROM DEMAND FOR LABOR AND SUBGROUPS

CROP	ACRES	HOURS	HOURS	SEASON	COLUMNS	WKSERS	MARRIED	HSEHLD	DEPNDTS	CROP	
										COL A	COL B
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + 1	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	NUMBER	WKERS PLUS
			HOURS	DAYS	DFL						DEPNDTS

HARVEST											
Apples	322	91.00	7.4	32.14	123.19	41.02	12.14	6.07	12.14	53	
Blackberries	44	60.00	7.4	15.00	23.78	7.92	2.34	1.17	2.34	10	
Broccoli	98	98.00	7.4	42.14	30.80	10.26	3.04	1.52	3.04	13	
Cantaloups	1,142	60.00	7.4	24.29	381.27	126.96	37.58	18.79	37.58	165	
Caulliflower	12	94.00	7.4	40.00	3.81	1.27	0.38	0.19	0.38	2	
Collards	488	92.00	7.4	50.00	121.34	40.41	11.96	5.98	11.96	52	
Cucumbers/Pickles	556	110.00	7.4	25.00	330.59	110.09	32.59	16.29	32.59	143	
Eggplant	17	157.00	7.4	58.57	6.16	2.05	0.61	0.30	0.61	3	
Green Onions	28	220.00	7.4	53.57	15.54	5.17	1.53	0.77	1.53	7	
Head Cabbage	399	90.00	7.4	43.57	111.37	37.09	10.98	5.49	10.98	48	
Hot Peppers	428	272.00	7.4	43.57	361.06	120.23	35.59	17.79	35.59	156	
Irish Potatoes	337	11.00	7.4	22.86	21.92	7.30	2.16	1.08	2.16	9	
Mustard Greens	572	179.00	7.4	40.00	345.91	115.19	34.10	17.05	34.10	149	
Nectarines	17	38.00	7.4	21.43	4.07	1.36	0.40	0.20	0.40	2	
	606	206.00	7.4	25.71	656.05	218.46	64.67	32.33	64.67	283	
	1,782	73.00	7.4	22.14	793.90	264.37	78.25	39.13	78.25	343	
	75	76.00	7.4	30.00	25.68	8.55	2.53	1.27	2.53	11	
	15,153	15.00	7.4	43.57	704.95	234.75	69.49	34.74	69.49	304	
	48	16.00	7.4	33.57	3.09	1.03	0.30	0.15	0.30	1	
	37	34.00	7.4	22.14	7.68	2.56	0.76	0.38	0.76	3	
Pumpkins	629	22.00	7.4	15.71	119.00	39.63	11.73	5.86	11.73	51	
Spinach	19	218.00	7.4	18.57	30.14	10.04	2.97	1.49	2.97	13	
Squash	612	110.00	7.4	61.43	148.10	49.32	14.60	7.30	14.60	64	
Strawberries	87	556.00	7.4	24.29	269.16	89.63	26.53	13.27	26.53	116	
Sweet Com	2,276	37.00	7.4	22.14	513.94	171.14	50.66	25.33	50.66	222	
	128	128.00	7.4	32.14	68.88	22.94	6.79	3.39	6.79	30	
	1,213	82.00	7.4	65.71	204.54	68.11	20.16	10.08	20.16	88	
	191	106.00	7.4	19.29	141.86	47.24	13.98	6.99	13.98	61	
	824	280.00	7.4	30.71	1,015.11	338.03	100.06	50.03	100.06	438	
	748	140.00	7.4	41.43	341.58	113.75	33.67	16.83	33.67	147	
	174	26.00	7.4	35.00	17.47	5.82	1.72	0.86	1.72	8	
	8,573	53.00	7.4	30.00	2,046.71	681.55	201.74	100.87	201.74	883	

MISSISSIPPI ESTIMATE TWO -- DEMAND FOR LABOR AND SUBGROUPS continued												
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL J	COL K	COL L	COL M
ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxBy)/(CxD) DFL	MIGRANT WPKERS	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS
PREHARVEST												
Cotton	1,028,249	2.40	54.00	6,175.67	2,056.50	608.72	304.36	608.72				2,665
Grapes	544	40.00	30.00	98.02	32.64	9.66	4.83	9.66				42
Lima Beans	2,662	9.00	24.00	134.90	44.92	13.30	6.65	13.30				58
DIVERSIFIED CROPS												
Dry Onions	22	161.00	7.4	24.29	19.71	6.56	0.97	1.94				9
					% MIG (100%)							
Soybeans	139,034	2.00	21.00	1,789.37	1,789.37	529.65	264.83	529.65				2,319
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE												
Half of dry onion acres are mechanized.												
Only an average of 6.93% of soybean acres are worked by migrants. Source: survey by Minnesota and North Dakota Legal Services.												
COUNTIES INCLUDED IN ESTIMATE:												
All counties are included in the estimate.												

SUBGROUP	SIC CODE	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
		AVERAGE WORKERS	% MIGRANT WPKERS	NUMBER MIGRANT WPKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	NUMBER DEPENDTS
FORESTRY	0651 Forestry Services	535	100.00%	535.00	0.00%	0.00	0.00	0.00	535
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0
	5148 Fresh Fruits & Veggies, Wholesale	59	16.65%	9.82	29.60%	2.91	1.45	2.91	13
	2033 Canned Fruits & Vegetables	104	16.65%	17.32	29.60%	5.13	2.56	5.13	22
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	3,496	33.30%	1,164.17	29.60%	344.59	172.30	344.59	1,509
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	216	33.30%	71.93	29.60%	21.29	10.65	21.29	93
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	385	33.30%	128.21	29.60%	37.95	18.97	37.95	166
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									2,338
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									11,310

MISSOURI										
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I	
ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (69.8%) MIGRANT WKRERS	X (56.0%) NUMBER MARRIED	NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS	
HARVEST										
Apples	5,891	91.00	7.4	22.00	3,292.88	2,298.43	1,287.12	643.56	1,287.12	3,586
Apricots	14	96.00	7.4	12.00	15.14	10.56	5.92	2.96	5.92	16
Asparagus	112	84.00	7.4	33.00	38.53	26.89	15.06	7.53	15.06	42
Blackberries	119	60.00	7.4	25.00	38.59	26.94	15.09	7.54	15.09	42
Broccoli	6	98.00	7.4	47.00	1.69	1.18	0.66	0.33	0.66	2
Cantaloups	585	60.00	7.4	38.00	124.82	87.13	48.79	24.40	48.79	136
Collard Greens	14	92.00	7.4	39.00	4.48	3.12	1.74	0.87	1.74	5
Eggplant	31	157.00	7.4	58.00	11.34	7.92	4.43	2.22	4.43	12
Head Cabbage	209	90.00	7.4	88.00	28.89	20.16	11.29	5.85	11.29	31
Hot Peppers	10	272.00	7.4	49.00	7.50	5.24	2.93	1.47	2.93	8
Lettuce	54	107.00	7.4	64.00	12.20	8.52	4.77	2.38	4.77	13
Mustard Greens	71	178.00	7.4	22.00	78.07	54.49	30.51	15.26	30.51	85
Nectarines	32	38.00	7.4	43.00	3.82	2.67	1.49	0.75	1.49	4
Okra	18	206.00	7.4	30.00	16.70	11.66	6.53	3.26	6.53	18
Peaches	2,799	73.00	7.4	36.00	766.99	535.36	299.80	149.90	299.80	835
Pears	76	76.00	7.4	26.00	30.02	20.95	11.73	5.87	11.73	33
Pecans	5,640	15.00	7.4	23.00	497.06	346.95	194.29	97.15	194.29	541
Pimientos	4	16.00	7.4	34.00	0.25	0.18	0.10	0.05	0.10	0
Plums/Prunes	59	34.00	7.4	21.00	12.91	9.01	5.05	2.52	5.05	14
Potatoes (Irish)	2,150	11.00	7.4	39.00	81.95	57.20	32.03	16.02	32.03	89
Pumpkins	749	22.00	7.4	38.00	58.60	40.90	22.91	11.45	22.91	64
Spinach	38	218.00	7.4	12.00	93.29	65.12	36.46	18.23	36.46	102
Squash	252	110.00	7.4	21.00	178.38	124.51	69.72	34.86	69.72	194
Strawberries	416	556.00	7.4	14.00	2,232.59	1,558.35	872.67	436.34	872.67	2,431
Sweet Corn	1,761	37.00	7.4	41.00	214.76	149.90	83.94	41.97	83.94	234
Sweet Peppers	46	128.00	7.4	38.00	20.94	14.62	8.18	4.09	8.18	23
Sweet Potatoes	48	82.00	7.4	42.00	12.66	8.84	4.95	2.48	4.95	14
Tame Blueberries	93	106.00	7.4	26.00	51.24	35.76	20.03	10.01	20.03	56
Tomatoes	237	280.00	7.4	44.00	203.81	142.26	79.66	39.83	79.66	222
Turnip Greens	56	140.00	7.4	37.00	28.63	19.99	11.19	5.60	11.19	31
Turnips	92	26.00	7.4	36.00	8.98	6.27	3.51	1.75	3.51	10
Watermelons	6,765	53.00	7.4	34.00	1,425.06	994.69	557.03	278.51	557.03	1,552

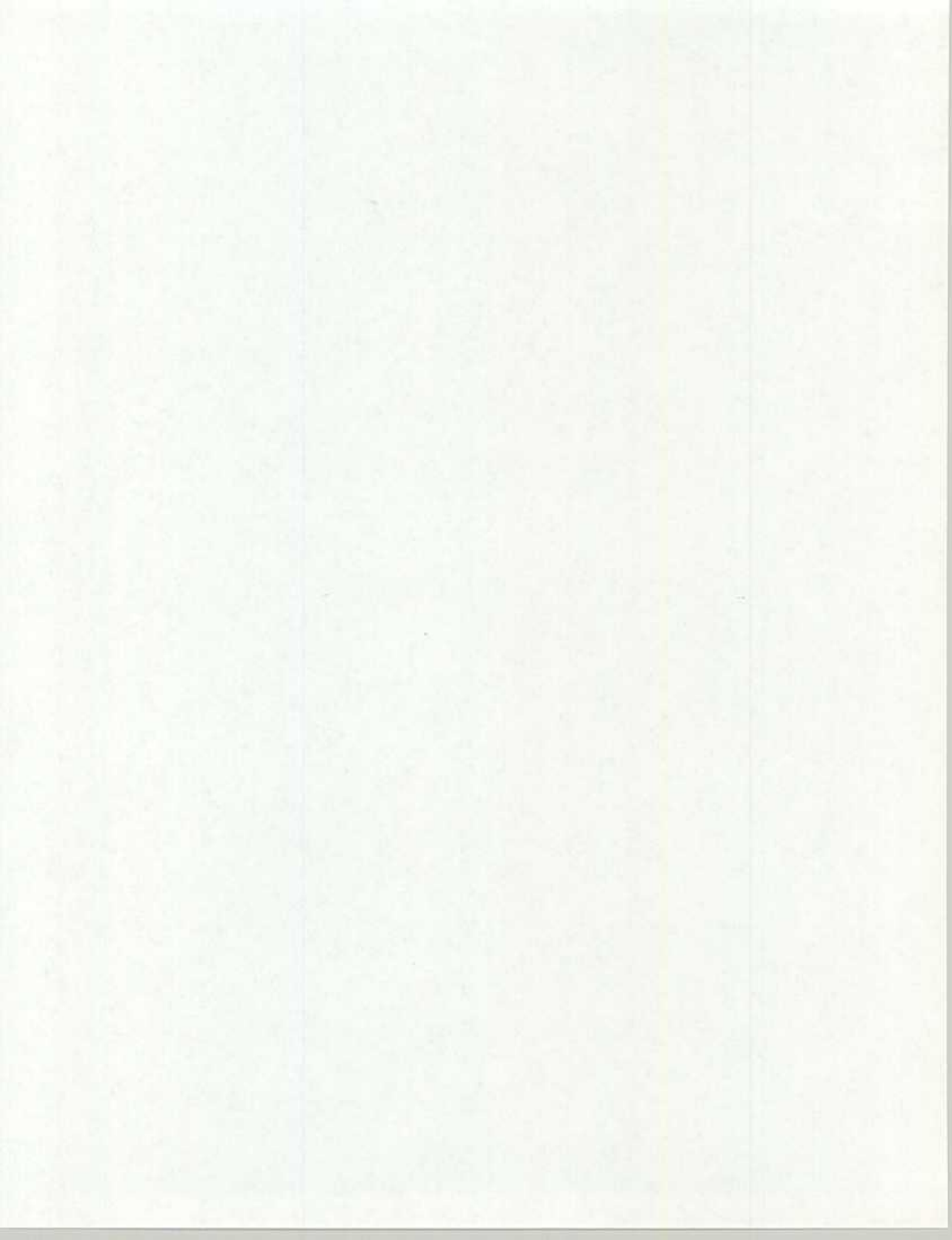
MISSOURI continued										
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL J + I	
ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (69.8%) MIGRANT WPKRS	X (56.0%) MARRIED	/ (2) NUMBER HSEHLD	X (2) NUMBER DEPENDTS	MIGRANT WPKRS PLUS DEPENDTS	
PREHARVEST										
Cotton	197,598	2.00	40.00	1,335.12	931.91	521.87	280.94	521.87	1,454	
Grapes	1,516	40.00	86.00	95.29	66.51	37.25	18.62	37.25	104	
Green Lima Beans	15	8.00	24.00	0.76	0.53	0.30	0.15	0.30	1	
DIVERSIFIED CROPS										
Raspberries	7	135.00	27.00	4.73	3.30	1.85	0.92	1.85	5	
Tobacco	1,907	65.00	30.00	558.36	389.73	218.25	109.13	218.25	608	
					% MIG (100%)					
Soybeans	334,530	2.00	21.00	4,305.41	4,305.41	2,411.03	1,205.51	2,411.03	6,716	
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										
Only 15% of raspberry acres are included. The remainder are mechanized.										
Only an average of 6.93% soybean acres are worked by migrants. Source: survey by Minn. and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
All Missouri counties are included.										

MISSOURI continued										
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL J + I	
SIC CODE	AVERAGE WORKERS	% MIGRANT WPKRS	NUMBER MIGRANT WPKRS	% MARRIED	NUMBER MARRIED	/ (2) NUMBER HSEHLD	X (2) NUMBER DEPENDTS	MIGRANT WPKRS PLUS DEPENDTS		
FORESTRY										
0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0.00	0	
FOOD PROCESSING										
0723 Crop Preparation	66	34.90%	23.03	56.00%	12.90	6.45	12.90	12.90	36	
5148 Fresh Fruits & Veggies, Wholesale	88	34.90%	30.71	56.00%	17.20	8.60	17.20	17.20	48	
2033 Canned Fruits & Vegetables	25	34.90%	8.73	56.00%	4.89	2.44	4.89	4.89	14	
2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0.00	0	
COTTON GINNING										
0724 Cotton Ginning & Pickery	728	69.80%	508.14	56.00%	284.56	142.28	284.56	284.56	793	
NIJRSERY/GREENHOUSE										
0161 Ornamental Floriculture & Nursery	996	69.80%	695.21	56.00%	389.32	194.66	389.32	389.32	1,085	
CROPS UNDER COVER										
0182 Food Crops Grown Under Cover	227	69.80%	158.45	56.00%	88.73	44.36	88.73	88.73	247	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS										
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										
21,555										

MONTANA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (98.5%)	X (60.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(Cx D) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	228	91.00	7.4	14.29	196.26	193.32	124.50	62.25	124.50	318
Cherries	1,116	202.00	7.4	7.14	4,264.93	4,200.96	2,705.42	1,352.71	2,705.42	6,906
Irish Potatoes	3,523	11.00	7.4	14.29	366.58	361.08	232.54	116.27	232.54	594
Squash	200	110.00	7.4	61.43	48.40	47.67	30.70	15.35	30.70	78
Sweet Corn	58	37.00	7.4	28.57	10.15	10.00	6.44	3.22	6.44	16
PREHARVEST										
Dry Beans	11,400	15.00	7.4	24.00	982.84	948.40	610.77	305.38	610.77	1,559
Sugar Beets	55,100	13.00	7.4	36.00	2,688.81	2,648.48	1,705.62	852.81	1,705.62	4,354
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										13,826
COUNTIES INCLUDED IN ESTIMATE:										
Beaverhead, Big Horn, Carbon, Carter, Custer, Daniels, Dawson, Fallon, Flathead, Garfield, Lake, Madison, McCone, Powder River, Prairie, Richland, Roosevelt, Rosebud, Sheridan, Silver Bow, Stillwater, Sweet Grass, Treasure, Valley, Wibaux, Yellowstone										

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	
			%	NUMBER	%	NUMBER	/ (2)	X (2)	MIGRANT	
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	MARRIED	MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS	
FORESTRY	0851 Forestry Services	261	100.00%	261.00	0.00%	0.00	0.00	0.00	261	
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0	
	5148 Fresh Fruits & Veggies Wholesale	26	49.25%	12.81	60.90%	7.80	3.90	7.80	21	
	2033 Canned Fruits & Vegetables	52	49.25%	25.61	60.90%	15.60	7.80	15.60	41	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	200	98.50%	197.00	60.90%	119.97	59.99	119.97	317	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	9	98.50%	8.87	60.90%	5.40	2.70	5.40	14	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									654	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										14,480



NEBRASKA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (90.6%)	X (60.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	586	91.00	7.4	27.00	266.90	241.81	147.28	73.83	147.28	389
Asparagus	30	84.00	7.4	28.00	12.16	11.02	6.71	3.36	6.71	18
Cabbage, Head	31	90.00	7.4	49.00	7.69	6.97	4.25	2.12	4.25	11
Cantaloup	83	60.00	7.4	26.00	25.88	23.45	14.28	7.14	14.28	38
Cherries	69	202.00	7.4	13.00	144.89	131.27	79.94	39.97	79.94	211
Cucumbers/Pickles	32	110.00	7.4	37.00	12.86	11.65	7.09	3.55	7.09	19
Irish Potatoes	10,547	11.00	7.4	36.00	435.50	394.56	240.29	120.14	240.29	635
Peaches	15	73.00	7.4	23.00	6.43	5.83	3.55	1.77	3.55	9
Peppers, Sweet	17	128.00	7.4	36.00	8.17	7.40	4.51	2.25	4.51	12
Pumpkins	168	22.00	7.4	38.00	13.14	11.91	7.25	3.63	7.25	19
Spinach	12	218.00	7.4	26.00	13.60	12.32	7.50	3.75	7.50	20
Squash	85	110.00	7.4	21.00	60.17	54.51	33.20	16.60	33.20	88
Strawberries	141	556.00	7.4	22.00	481.55	436.28	265.70	132.85	265.70	702
Sweet Corn	645	37.00	7.4	30.00	107.50	97.40	59.31	29.66	59.31	157
Tomatoes	37	280.00	7.4	42.00	33.33	30.20	18.39	9.20	18.39	49
Turnips	4	26.00	7.4	36.00	0.39	0.35	0.22	0.11	0.22	1
Watermelons	274	53.00	7.4	26.00	75.48	68.38	41.65	20.82	41.65	110
PREHARVEST										
Grapes	21	40.00	7.4	52.00	2.18	1.98	1.20	0.60	1.20	3
Sugarbeets (30%)	21,330	4.00	7.4	45.00	256.22	232.13	141.37	70.68	141.37	374
Sugarbeets (70%)	49,770	13.00	7.4	45.00	1,942.97	1,760.33	1,072.04	536.02	1,072.04	2,832
DIVERSIFIED CROPS										
Dry Edible Beans	198,245	3.00	7.4	24.00	3,314.95	3,003.34	1,829.04	914.52	1,829.04	4,832
Dry Onions	100	161.00	7.4	33.00	65.93	59.73	36.38	18.19	36.38	96
						%MIG				
						(100%)				
Corn Detasseling	79,178	(79,178 acres/71.6 workers)			1,106.00	1,106.00	673.55	336.78	673.55	1,780
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										12,404

NEBRASKA continued

70% of sugarbeets use 13 hours/acre at preharvest; 30% use 4 hours/acre for preharvest.

Dry bean DFL estimate is calculated for weeding (preharvest activity) at 3 hrs/acre. Source: Nebraska Extension Crop Budget calculation from seasonal labor wage data.

Half of dry onion acres are mechanized.

1.3% of 6,090,669 seed corn acres are worked by migrants. Indiana data indicate an average of 71.6 seed corn acres are worked by one laborer.

No estimate is provided for soybeans.

COUNTIES INCLUDED IN ESTIMATE:

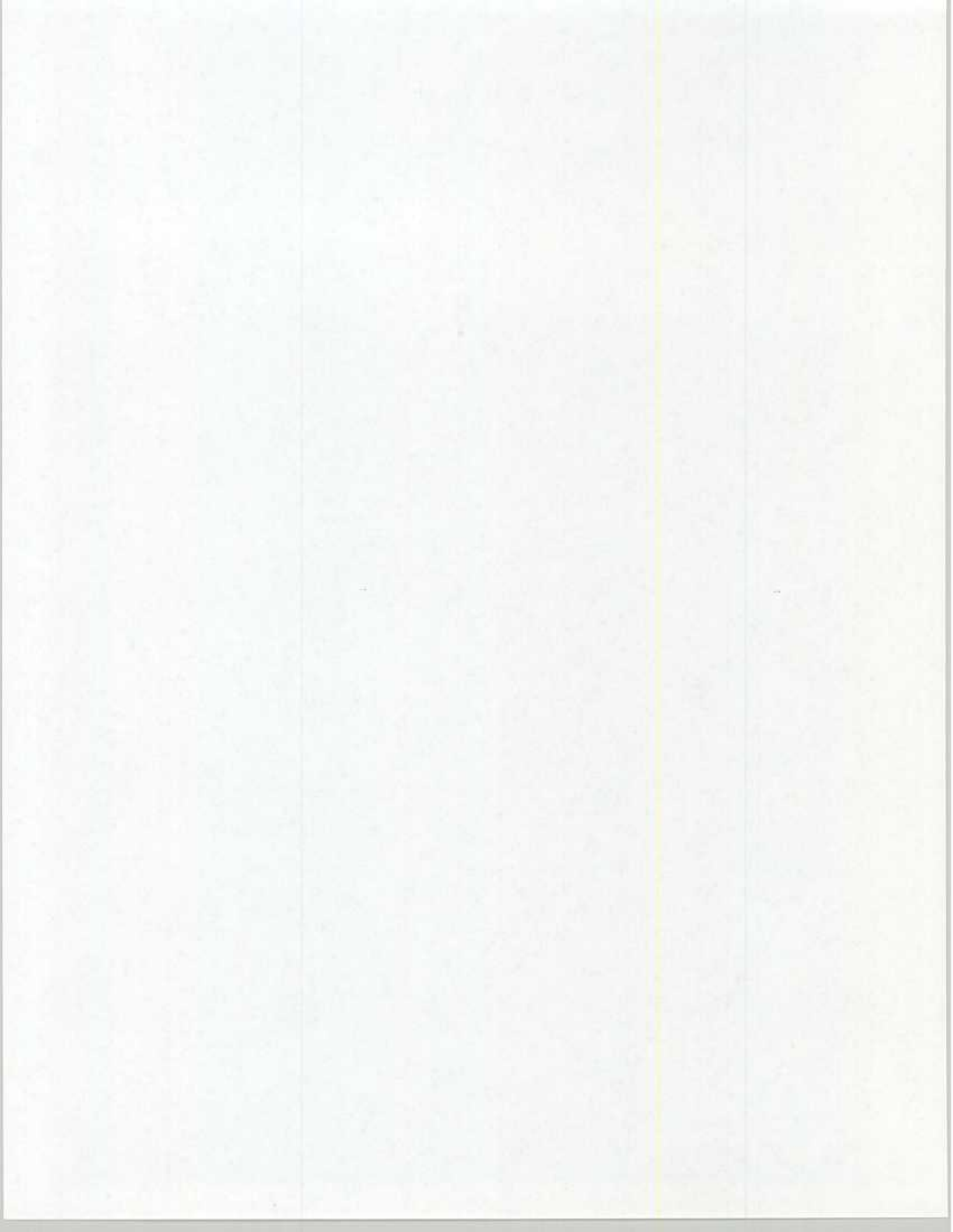
All Nebraska counties are included.

SUBGROUP	SIC CODE	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
		AVERAGE WORKERS	% MIGRANT WKERS	NUMBER MIGRANT WKERS	% MARRIED	NUMBER MARRIED	/ (2) NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WKERS PLUS DEPENDTS
FORESTRY	#0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0
FOOD PROCESSING	0723 Crop Preparation	15	45.30%	6.80	60.90%	4.14	2.07	4.14	11
	5148 Fresh Fruits & Veggies Wholesale	77	45.30%	34.88	60.90%	21.24	10.62	21.24	56
	2033 Canned Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	155	90.60%	140.43	60.90%	85.52	42.76	85.52	226
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									293
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									12,697

NEVADA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (65.3%)	X (60.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Cantaloups	178	60.00	7.4	22.14	65.18	42.56	25.92	12.96	25.92	68
Irish Potatoes	6,994	11.00	7.4	21.43	485.17	316.82	192.94	96.47	192.94	510
Pumpkins	20	22.00	7.4	17.86	3.33	2.17	1.32	0.66	1.32	3
Sweet Corn	36	37.00	7.4	44.29	4.06	2.65	1.62	0.81	1.62	4
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										586
COUNTIES INCLUDED IN ESTIMATE:										
Humboldt, Lyon, Washoe										

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C+H	
			%	NUMBER			/ (2)	X (2)	MIGRANT	
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS	
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0	
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0	
	5148 Fresh Fruits & Veggies Wholesale	49	32.65%	16.00	60.90%	9.74	4.87	9.74	26	
	2033 Canned Fruits & Vegetables	6	32.65%	1.96	60.90%	1.19	0.60	1.19	3	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	39	65.30%	25.47	60.90%	15.51	7.75	15.51	41	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	10	65.30%	6.53	60.90%	3.98	1.99	3.98	11	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									80	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										666



NEW HAMPSHIRE										
CROP	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (31.6%)	X (32.9%)	/ (2)	X (2)	MIGRANT
	HOURS	HOURS	WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
		HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS	DEPENDTS
	3,693	91.00	7.4	14.29	3,178.97	1,004.56	330.50	165.25	330.50	1,335
	11	84.00	7.4	21.43	5.83	1.84	0.61	0.30	0.61	2
	16	98.00	7.4	54.29	3.90	1.23	0.41	0.20	0.41	2
	12	60.00	7.4	24.29	4.01	1.27	0.42	0.21	0.42	2
	2	94.00	7.4	35.71	0.71	0.22	0.07	0.04	0.07	0
	10	202.00	7.4	15.00	18.20	5.75	1.89	0.95	1.89	8
ge	30	90.00	7.4	42.86	8.51	2.69	0.89	0.44	0.89	4
	2	272.00	7.4	20.00	3.68	1.16	0.38	0.19	0.38	2
s	55	11.00	7.4	17.86	4.58	1.45	0.48	0.24	0.48	2
aine	3,988	107.00	7.4	66.43	867.63	274.17	90.20	45.10	90.20	364
	85	73.00	7.4	11.43	73.37	23.18	7.63	3.81	7.63	31
	31	78.00	7.4	28.57	11.14	3.52	1.16	0.58	1.16	5
	215	22.00	7.4	18.57	34.42	10.88	3.58	1.79	3.58	14
	189	556.00	7.4	13.57	1,046.36	330.65	108.78	54.39	108.78	439
	1,994	37.00	7.4	29.29	340.44	107.58	35.39	17.70	35.39	143
rs	35	128.00	7.4	15.71	38.53	12.17	4.01	2.00	4.01	16
rries	93	106.00	7.4	20.71	64.31	20.32	6.69	3.34	6.69	27
	113	280.00	7.4	23.57	181.39	57.32	18.86	9.43	18.86	76
	1	53.00	7.4	15.00	0.48	0.15	0.05	0.02	0.05	0
ries	261	106.00	7.4	20.71	180.49	57.03	18.76	9.38	18.76	76
PREHARVEST										
Carrots	5	10.00	7.4	22.00	0.31	0.10	0.03	0.02	0.03	0
Grapes	22	40.00	7.4	30.00	3.96	1.25	0.41	0.21	0.41	2
DIVERSIFIED CROPS										
Raspberries	7	135.00	7.4	15.00	8.51	2.69	0.89	0.44	0.89	4
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										2,553
Only 15% of raspberry acres are included. The remainder are mechanized.										
COUNTIES INCLUDED IN ESTIMATE:				All counties are included.						

NEW HAMPSHIRE continued

SUBGROUP	COL A SIC CODE	COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL C + H		
		AVERAGE WORKERS	MIGRANT WORKERS	%	MIGRANT WORKERS	NUMBER	MIGRANT WORKERS	%	MARRIED	NUMBER	MARRIED	NUMBER	HSEHLDS	NUMBER	DEPENDTS	NUMBER	DEPENDTS	MIGRANT
FORESTRY	0851 Forestry Services	13	100.00%		13.00	0.00%		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13	
FOOD PROCESSING	0723 Crop Preparation	0			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
	5148 Fresh Fruits & Veggies. Wholesale	28	15.80%		4.42	32.90%		1.46	1.46	0.73	1.46	0.00	0.00	0.00	0.00	0.00	6	
	2033 Canned Fruits & Vegetables	0			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
	2037 Frozen Fruits & Vegetables	0			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	0			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	159	31.60%		50.24	32.90%		16.53	16.53	8.27	16.53	0.00	0.00	0.00	0.00	0.00	67	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0			0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS																86		
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)																2,639		

NEW JERSEY	COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL I		COL F + I	
	ACRES	HOURS	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (61.5%) MIGRANT WPKERS	X (32.9%) NUMBER MARRIED	NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WPKERS PLUS DEPENDTS									
HARVEST																				
Apples	5,876	91.00	7.4	38.57	1,873.38	1,152.13	379.05	189.53	379.05	379.05	1,531									
Asparagus	1,580	84.00	7.4	28.43	670.04	412.07	135.57	67.79	135.57	135.57	548									
Blueberries	7,626	106.00		22.14	4,933.30	3,033.98	998.18	499.09	998.18	998.18	4,032									
Broccoli	340	98.00	7.4	44.29	101.67	62.53	20.57	10.29	20.57	20.57	83									
Cantaloups	1,036	60.00	7.4	22.14	379.35	233.30	76.76	38.38	76.76	76.76	310									
Cauliflower	148	94.00		67.86	27.71	17.04	5.61	2.80	5.61	5.61	23									
Celery	39	126.00	7	43.57	15.24	9.37	3.08	1.54	3.08	3.08	12									
Cherries	41	202.00		12.86	87.05	53.53	17.61	8.81	17.61	17.61	71									
Chicory	11	107.00		34.29	4.64	2.85	0.94	0.47	0.94	0.94	4									
Collards	764	92.00		34.29	277.04	170.38	56.05	28.03	56.05	56.05	226									
Cucumbers/Pickles	3,580	110.00		25.00	2,128.65	1,309.12	430.70	215.35	430.70	430.70	1,740									
Eggplant	1,041	157.00		59.29	372.54	229.11	75.38	37.69	75.38	75.38	304									
Endive	384	133.10		54.29	127.23	78.25	25.74	12.87	25.74	25.74	104									
Escarole	323	75.00		40.00	81.84	50.33	16.56	8.28	16.56	16.56	67									
Green Onions	278	220.00		29.29	282.21	173.56	57.10	28.55	57.10	57.10	231									
Head Cabbage	2,389	90.00		48.57	598.20	367.89	121.04	60.52	121.04	121.04	489									
Hot Peppers	656	272.00		80.00	301.41	185.38	60.98	30.49	60.98	60.98	248									
Irish Potatoes	6,305	11.00		51.43	182.24	112.08	36.87	18.44	36.87	36.87	149									
Kale	334	179.50		37.14	218.12	134.15	44.13	22.07	44.13	44.13	178									
Lettuce/Romaine	3,540	107.00		64.29	796.23	489.88	161.11	80.55	161.11	161.11	651									
Mustard Greens	111	179.00		34.29	78.31	48.16	15.85	7.92	15.85	15.85	64									
Okra	94	206.00		23.57	111.01	68.27	22.46	11.23	22.46	22.46	91									
Parsley	922	293.05		34.29	1,064.95	654.94	215.48	107.74	215.48	215.48	870									
Peaches	12,963	73.00		29.29	4,366.57	2,685.44	883.51	441.76	883.51	883.51	3,569									
Pears	98	76.00		30.00	33.55	20.63	6.79	3.39	6.79	6.79	27									
Pumpkins	2,168	22.00		22.14	291.08	179.02	58.90	29.45	58.90	58.90	238									
Radishes	185	367.00		15.00	611.67	376.18	123.76	61.88	123.76	123.76	500									
Spinach	2,758	218.00		23.57	3,446.94	2,119.87	697.44	348.72	697.44	697.44	2,817									
Squash	4,324	110.00	7	61.43	1,046.35	643.50	211.71	105.86	211.71	211.71	855									
Strawberries	547	556.00		21.43	1,917.95	1,179.54	388.07	194.03	388.07	388.07	1,568									
Sweet Corn	11,986	37.00		38.57	1,553.74	955.55	314.38	157.19	314.38	314.38	1,270									
Sweet Peppers	5,515	128.00		87.86	1,085.79	667.76	219.69	109.85	219.69	219.69	887									
Sweet Potatoes	2,289	82.00		17.86	1,420.42	873.56	287.40	143.70	287.40	287.40	1,161									
Tomatoes	6,767	280.00		44.29	5,781.74	3,555.77	1,169.85	584.92	1,169.85	1,169.85	4,726									
Turnips	161	26.00		40.00	14.14	8.70	2.86	1.43	2.86	2.86	12									

NEW JERSEY continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
			WORK	WORK	SEASON	X (61.5%)	X (32.9%)	/ (2)	X (2)	MIGRANT
			HOURS	DAYS	COLUMNS	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	(AxB)/(CxD)	WFL	MARRIED	HSEHLD	DEPENDTS	DEPENDTS
Turnip Greens	162	140.00	7.4	34.29	89.39	54.98	18.09	9.04	18.09	73
Watermelons	591	53.00	7.4	28.57	148.15	91.11	29.98	14.99	29.98	121
PREHARVEST										
Grapes	491	40.00	7.4	30.00	88.47	54.41	17.90	8.95	17.90	72
Lima Beans	2,368	9.00	7.4	24.00	120.00	73.80	24.28	12.14	24.28	98
DIVERSIFIED CROPS										
Cranberries										
Wet Harvest	2,917	12.00	7.4	28.57	165.58	101.82	33.50	16.75	33.50	135
Dry Harvest	153	24.00	7.4	28.57	17.37	10.68	3.51	1.76	3.51	14
Raspberries	14	135.00	7.4	13.57	18.82	11.57	3.81	1.90	3.81	15
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										30,184
Only 15% of raspberry acres are included. The remainder are mechanized.										
COUNTIES INCLUDED IN ESTIMATE: All counties are included EXCEPT Essex, Hudson and Union.										

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	
			%	NUMBER			/ (2)	X (2)	MIGRANT	
		AVERAGE	MIGRANT	MIGRANT	%	NUMBER	NUMBER	NUMBER	WKERS PLUS	
SUBGROUP	SIC CODE	WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLD	DEPENDTS	DEPENDTS	
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0	
FOOD PROCESSING	0723 Crop Preparation	63	30.75%	19.37	32.90%	6.37	3.19	6.37	26	
	5148 Fresh Fruits & Veggies. Wholesale	494	30.75%	151.91	32.90%	49.98	24.99	49.98	202	
	2033 Canned Fruits & Vegetables	398	30.75%	122.39	32.90%	40.26	20.13	40.26	163	
	2037 Frozen Fruits & Vegetables	308	30.75%	94.71	32.90%	31.16	15.58	31.16	126	
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,549	61.50%	952.64	32.90%	313.42	156.71	313.42	1,266	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	50	61.50%	30.75	32.90%	10.12	5.06	10.12	41	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									1,823	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										32,007

NEW MEXICO										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (48.0%)	X (51.0%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDs	DEPENDTs	DEPENDTs
HARVEST										
Apples	2,877	91.00	7.4	34.00	1,040.57	499.47	254.73	127.37	254.73	754
Head Cabbage	188	90.00	7.4	19.00	106.26	51.00	26.01	13.01	26.01	77
Hot Peppers	15,636	272.00	7.4	74.00	7,766.60	3,727.97	1,901.26	950.63	1,901.26	5,629
Irish Potatoes	5,580	11.00	7.4	66.00	125.68	60.32	30.77	15.38	30.77	91
Lettuce & Romaine	2,044	107.00	7.4	22.00	1,343.42	644.84	328.87	164.43	328.87	974
Peaches	205	73.00	7.4	10.00	202.23	97.07	49.51	24.75	49.51	147
Pears	39	76.00	7.4	16.00	25.03	12.02	6.13	3.06	6.13	18
Pecans	22,202	15.00	7.4	22.00	2,045.64	981.91	500.77	250.39	500.77	1,483
Pumpkins	130	22.00	7.4	38.00	10.17	4.88	2.49	1.24	2.49	7
Sweet Corn	186	37.00	7.4	45.00	20.67	9.92	5.06	2.53	5.06	15
Sweet Peppers	1,565	128.00	7.4	41.00	660.25	316.92	161.63	80.81	161.63	479
Watermelons	86	53.00	7.4	26.00	23.69	11.37	5.80	2.90	5.80	17
PREHARVEST										
Carrots	115	10.00	7.4	77.00	2.02	0.97	0.49	0.25	0.49	1
Cotton	78,610	1.00	7.4	64.00	165.98	79.67	40.63	20.32	40.63	120
Grapes	1,780	40.00	7.4	16.00	601.35	288.65	147.21	73.61	147.21	436
DIVERSIFIED CROPS										
Dry Onions	6,300	440.00	7.4	28.00	13,378.38	6,421.62	3,275.03	1,637.51	3,275.03	9,697
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										19,945
Half of dry onion acres are mechanized.										
COUNTIES INCLUDED IN ESTIMATE:										
Bernalillo, Chaves, Colfax, Curry De Boca, Dona Ana, Eddy, Grant, Hidalgo, Lea, Lincoln, Luna, Otero, Quay, Rio Arriba, Roosevelt, Sandoval, San Juan, Santa Fe, Sierra, Socorro, Torrance, Valencia										

NEW MEXICO continued																	
COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL C + H	
SIC CODE		AVERAGE WORKERS	MIGRANT WORKERS %	NUMBER MIGRANT WORKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS	NUMBER DEPENDTS
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
FOOD PROCESSING	0723 Crop Preparation	569	24.00%	136.56	51.00%	69.65	34.82	69.65	34.82	69.65	34.82	69.65	34.82	69.65	34.82	69.65	206
	5146 Fresh Fruits & Veggies Wholesale	63	24.00%	15.12	51.00%	7.71	3.86	7.71	3.86	7.71	3.86	7.71	3.86	7.71	3.86	7.71	23
	2033 Canned Fruits & Vegetables	1,012	24.00%	242.88	51.00%	123.87	61.93	123.87	61.93	123.87	61.93	123.87	61.93	123.87	61.93	123.87	367
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	209	48.00%	100.32	51.00%	51.16	25.58	51.16	25.58	51.16	25.58	51.16	25.58	51.16	25.58	51.16	151
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	126	48.00%	60.48	51.00%	30.84	15.42	30.84	15.42	30.84	15.42	30.84	15.42	30.84	15.42	30.84	91
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)																20,784	

NEW YORK	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + 1
CROP	ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (61.8%) MIGRANT WKERS	X (32.9%) NUMBER MARRIED	/ (2) NUMBER HSEHLD	X (2) NUMBER DEPENDTS	MIGRANT WKERS PLUS DEPENDTS
HARVEST										
Apples	70,346	91.00	7.4	32.14	26,913.15	16,632.33	5,472.04	2,736.02	5,472.04	22,104
Asparagus	236	84.00	7.4	21.43	125.02	77.26	25.42	12.71	25.42	103
Blueberries	284	106.00	7.4	11.43	355.96	219.98	72.37	36.19	72.37	292
Broccoli	964	98.00	7.4	54.29	235.17	145.34	47.82	23.91	47.82	193
Brussel Sprouts	63	120.00	7.4	65.71	15.55	9.61	3.16	1.58	3.16	13
Cantaloupes	455	80.00	7.4	24.29	151.91	93.88	30.89	15.44	30.89	125
Cauliflower	1,187	94.00	7.4	44.29	340.47	210.41	69.23	34.61	69.23	280
Chinese Cabbage	353	96.00	7.4	45.71	100.18	61.91	20.37	10.18	20.37	82
Collards	63	92.00	7.4	66.43	11.79	7.29	2.40	1.20	2.40	10
Cucumbers/Pickles	2,775	110.00	7.4	25.71	1,604.17	991.38	326.16	163.08	326.16	1,318
Eggplant	73	157.00	7.4	58.57	26.44	16.34	5.38	2.69	5.38	22
Endive	37	133.00	7.4	33.57	19.81	12.24	4.03	2.01	4.03	16
Escarole	106	75.00	7.4	28.57	37.60	23.24	7.65	3.82	7.65	31
Green Onions	237	220.00	7.4	24.29	290.13	179.30	58.99	29.49	58.99	238
Head Cabbage	13,414	90.00	7.4	45.71	3,568.76	2,205.49	725.61	362.80	725.61	2,931
Irish Potatoes	27,138	11.00	7.4	50.00	806.81	498.61	164.04	82.02	164.04	663
Kale	21	180.00	7.4	45.71	11.17	6.91	2.27	1.14	2.27	9
Lettuce/Romaine	2,950	107.00	7.4	66.43	642.12	396.83	130.56	65.28	130.56	527
Mustard Greens	49	179.00	7.4	66.43	17.84	11.03	3.63	1.81	3.63	15
Parsley	17	293.00	7.4	33.57	20.05	12.39	4.08	2.04	4.08	16
Peaches	2,540	73.00	7.4	14.29	1,753.97	1,083.96	356.62	178.31	356.62	1,441
Pears	3,887	76.00	7.4	23.57	1,693.60	1,046.64	344.35	172.17	344.35	1,391
Plums/Prunes	951	34.00	7.4	22.86	191.16	118.14	38.87	19.43	38.87	157
Pumpkins	2,889	22.00	7.4	6.43	1,336.05	825.68	271.65	135.82	271.65	1,097
Spinach	441	218.00	7.4	7.14	1,818.83	1,124.04	369.81	184.90	369.81	1,494
Squash	1,907	110.00	7.4	61.43	461.47	285.19	93.83	46.91	93.83	379
Strawberries	3,098	556.00	7.4	11.43	20,367.26	12,586.96	4,141.11	2,070.56	4,141.11	16,728
Sweet Cherries	1,309	218.00	7.4	9.29	4,152.88	2,566.48	844.37	422.19	844.37	3,411
Sweet Corn	45,471	37.00	7.4	35.00	6,495.86	4,014.44	1,320.75	660.38	1,320.75	5,335
Sweet Peppers	1,149	128.00	7.4	15.71	1,264.75	781.61	257.15	128.58	257.15	1,039
Tomatoes	3,293	280.00	7.4	23.57	5,286.06	3,266.79	1,074.77	537.39	1,074.77	4,342
Turnips	57	26.00	7.4	48.57	4.12	2.55	0.84	0.42	0.84	3
Watermelons	54	53.00	7.4	15.00	25.78	15.93	5.24	2.62	5.24	21

NEW YORK continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (61.8%)	X (32.9%)	/ (2)	X (2)	
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDs	NUMBER DEPENDTS	MIGRANT WKERS PLUS DEPENDTS
PREHARVEST										
Carrots	85	10.00	7.4	22.00	5.22	3.23	1.06	0.53	1.06	4
Grapes	25,637	40.00	7.4	30.00	4,619.28	2,854.71	939.20	469.60	939.20	3,794
Lima Beans	169	9.00	7.4	24.00	8.56	5.29	1.74	0.87	1.74	7
Tart Cherries	5,372	13.00	7.4	40.00	235.93	145.81	47.97	23.99	47.97	194
DIVERSIFIED CROPS										
Dry Onions	1,855	161.00	7.4	32.86	1,095.88	677.25	222.82	111.41	222.82	900
Raspberries	41	135.00	7.4	11.43	65.45	40.45	13.31	6.65	13.31	54
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										70,778

Only 15% of dry onion and raspberry acres are included. The remainder are mechanized.

COUNTIES INCLUDED IN ESTIMATE:

Albany, Broome, Cattaraugus, Cayuga, Chautauqua, Chenango, Clinton, Columbia, Delaware, Dutchess, Erie, Essex, Franklin, Fulton, Genesee, Greene, Jefferson, Livingston, Madison, Monroe, Montgomery, Nassau, Niagara, Oneida, Ontario, Orange, Orleans, Oswego, Ostego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schohaire, Suffolk, Sullivan, Tioga, Ulster, Warren, Washington, Wayne, Westchester, Wyoming

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SUBGROUP	COL A SIC CODE	COL B		COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
		AVERAGE WORKERS	MIGRANT WKERS	%	NUMBER	%	NUMBER	NUMBER / (2)	NUMBER X (2)	MIGRANT WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0.00	0
FOOD PROCESSING	0723 Crop Preparation	80	30.90%	24.72	32.90%	8.13	4.07	8.13	33	
	5148 Fresh Fruits & Veggies Wholesale	442	30.90%	136.58	32.90%	44.93	22.47	44.93	182	
	2033 Canned Fruits & Vegetables	1,667	30.90%	515.10	32.90%	169.47	84.73	169.47	685	
	2037 Frozen Fruits & Vegetables	561	30.90%	173.35	32.90%	57.03	28.52	57.03	230	
COTTON GINNING	10724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,725	61.80%	1,066.05	32.90%	350.73	175.37	350.73	1,417	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	121	61.80%	74.78	32.90%	24.60	12.30	24.60	99	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS										2,645
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										73,423

NORTH CAROLINA		COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
CROP	ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	MIGRANT WKRERS	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS
		91.00	7.4	28.00	7,728.85	5,765.72	1,896.92	948.46	1,896.92	1,896.92	7,663
Apples	17,598	91.00	7.4	28.00	7,728.85	5,765.72	1,896.92	948.46	1,896.92	1,896.92	7,663
Asparagus	706	84.00	7.4	34.00	235.71	175.84	57.85	28.93	57.85	57.85	234
Cantaloups	600	60.00	7.4	28.00	173.75	129.61	42.84	21.32	42.84	42.84	172
Collards	497	92.00	7.4	26.00	237.65	177.29	58.33	29.16	58.33	58.33	236
Cucumbers & Pickles	18,557	110.00	7.4	24.00	11,493.64	8,574.25	2,820.93	1,410.46	2,820.93	2,820.93	11,395
Eggplant	173	157.00	7.4	58.00	63.28	47.21	15.53	7.77	15.53	15.53	63
Head Cabbage	3,982	90.00	7.4	44.00	1,100.68	821.10	270.14	135.07	270.14	270.14	1,091
Hot Peppers	245	272.00	7.4	52.00	173.18	129.19	42.50	21.25	42.50	42.50	172
Irish Potatoes	15,605	11.00	7.4	34.00	682.25	508.96	167.45	83.72	167.45	167.45	676
Nectarines	25	38.00	7.4	66.00	1.95	1.45	0.48	0.24	0.48	0.48	2
Peaches	2,988	73.00	7.4	44.00	669.91	499.76	164.42	82.21	164.42	164.42	664
Pecans	700	15.00	7.4	14.00	101.35	75.61	24.88	12.44	24.88	24.88	100
Pumpkins	293	22.00	7.4	38.00	22.92	17.10	5.63	2.81	5.63	5.63	23
Squash	2,019	110.00	7.4	21.00	1,429.15	1,066.15	350.76	175.38	350.76	350.76	1,417
Strawberries	837	556.00	7.4	22.00	2,858.55	2,132.48	701.59	350.79	701.59	701.59	2,834
Sweet Corn	3,799	37.00	7.4	34.00	558.68	416.77	137.12	68.56	137.12	137.12	554
Sweet Peppers	4,704	128.00	7.4	22.00	3,698.48	2,759.06	907.73	453.87	907.73	907.73	3,667
Sweet Potatoes	30,691	82.00	7.4	41.00	8,294.86	6,187.97	2,035.84	1,017.92	2,035.84	2,035.84	8,224
Tame Blueberries	2,591	106.00	7.4	30.00	1,237.14	922.91	303.64	151.82	303.64	303.64	1,227
Tomatoes	1,079	280.00	7.4	45.00	907.27	676.82	222.67	111.34	222.67	222.67	899
Watermelons	6,131	53.00	7.4	26.00	1,688.89	1,259.91	414.51	207.26	414.51	414.51	1,674
PREHARVEST											
Cotton	167,080	2.40	7.4	40.00	1,354.70	1,010.61	332.49	166.25	332.49	332.49	1,343
Grapes	635	40.00	7.4	86.00	39.91	29.77	9.80	4.90	9.80	9.80	40
Green Lima Beans	470	9.00	7.4	24.00	23.82	17.77	5.85	2.92	5.85	5.85	24
DIVERSIFIED CROPS											
Raspberries	2	135.00	7.4		1	1.01	0.33	0.17	0.33	0.33	
Tobacco (50%)	141,000	28.00	7.4			16,583.38	5,455.93	2,727.97	5,455.93	5,455.93	
Tobacco (50)	141,000	92.00	7.4			54,488.24	17,926.63	8,963.32	17,926.63	17,926.63	
						% MIG					
						(100%)					
Soybeans	79,033	2.00	7.4			1,017.16	334.64	167.32	334.64	334.64	1,351
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										140,200	

INORTH CAROLINA continued
Only 15% of raspberry acres are included. The remainder are mechanized.
Half of the tobacco crop is mechanically harvested (using 28 hours/acre labor). The other half is hand harvested with motorized assistance.
Only an average of 6.93% of 1,140,445 soybean acres are worked by migrants. Source: survey by Minn. and North Dakota Legal Services.
COUNTIES INCLUDED IN ESTIMATE:
Alamance, Alexander, Alleghany, Anson, Avery, Beaufort, Bertie, Bladen, Brunswick, Buncombe, Burke, Cabarrus, Caldwell, Camden, Carteret, Chatham, Cherokee, Chowan, Cleveland, Columbus, Craven, Cumberland, Currituck, Davidson, Davie Duplin, Durham, Edgecombe, Forsyth, Franklin, Gaston, Granville, Greene, Guilford, Halifax, Harnett, Haywood, Henderson, Hertford, Hoke, Hyde, Iredell, Jackson, Johnston, Jones, Lee, Lenoir, Lincoln, Macon, Madison, Martin, McDowell, Mitchell, Moore, Nash, New Hanover, Onslow, Orange, Pamlico, Pasquotank, Pender, Person, Pitt, Polk, Randolph, Richmond, Robeson, Rockingham, Rowan, Rutherford, Sampson, Scotland, Stokes, Surry, Swain, Transylvania, Tyrrell, Vance, Wake, Warren, Washington, Watauga, Wayne, Wilkes, Wilson, Yadkin, Yancey

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL G + H
			%	NUMBER			/ (2)	X (2)	
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	MIGRANT WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	190	100.00%	190.00	0.00%	0.00	0.00	0.00	190
FOOD PROCESSING	0723 Crop Preparation	553	37.30%	206.27	32.90%	67.86	33.93	67.86	274
	5148 Fresh Fruits & Veggies Wholesale	451	37.30%	168.22	32.90%	55.35	27.67	55.35	224
	2033 Canned Fruits & Vegetables	326	37.30%	121.60	32.90%	40.01	20.00	40.01	162
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	479	74.60%	357.33	32.90%	117.56	58.78	117.56	475
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	579	74.60%	431.93	32.90%	142.11	71.05	142.11	574
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	46	74.60%	34.32	32.90%	11.29	5.64	11.29	46
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									1,944
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									142,144

NORTH DAKOTA										
CROP	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
	HOURS	HOURS	WORK HOURS	WORK DAYS	SEASON	X (98.0%)	X (60.9%)	/ (2)	X (2)	MIGRANT
					(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
					DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	68	91.00	7.4	21.43	39.02	38.24	23.29	11.64	23.29	62
Cantaloups	74	60.00	7.4	24.29	24.71	24.21	14.74	7.37	14.74	39
Cucumbers	13	110.00	7.4	11.43	16.91	16.57	10.09	5.05	10.09	27
Head Cabbage	25	90.00	7.4	38.57	7.88	7.73	4.70	2.35	4.70	12
Irish Potatoes	136,704	11.00	7.4	32.86	6,184.61	6,060.92	3,691.10	1,845.55	3,691.10	9,752
Pumpkins	31	22.00	7.4	17.86	5.16	5.06	3.08	1.54	3.08	8
Squash	27	110.00	7.4	61.43	6.53	6.40	3.90	1.95	3.90	10
Strawberries	29	556.00	7.4	27.14	80.28	78.67	47.91	23.96	47.91	127
Sweet Corn	70	37.00	7.4	16.43	21.30	20.88	12.71	6.36	12.71	34
PREHARVEST										
Carrots	8	10.00	7.4	22.00	0.49	0.48	0.29	0.15	0.29	1
Sugar Beets	193,900	13.00	7.4	36.00	9,462.09	9,272.85	5,647.16	2,823.58	5,647.16	14,920
DIVERSIFIED CROPS										
Dry Onions	4	161.00	7.4	32.14	2.71	2.65	1.62	0.81	1.62	4
						% MIG (100%)				
Dry Beans	33,692	15.00		24.00	2,845.61	2,845.61	1,732.98	866.49	1,732.98	4,579
Soybeans	50,199	2.00		21.00	646.06	646.06	393.45	196.73	393.45	1,040
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										30,613
Half of dry onion acres are mechanized.										
Only 9.32% of dry bean acres are worked by migrants. Source: survey by North Dakota Legal Services.										
Only 10.13% of soybean acres are worked by migrants. Source: survey by North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:										
All North Dakota counties are included.										

NORTH DAKOTA continued																	
SUBGROUP	COL A	COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL C + H	
	SIC CODE	AVERAGE WORKERS	MIGRANT WORKERS	%	NUMBER	MIGRANT WORKERS	%	MARRIED	NUMBER	MARRIED	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	MIGRANT WORKERS PLUS DEPENDENTS
FORESTRY	0851 Forestry Services	0	100.00%		0.00	0.00	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
FOOD PROCESSING	0723 Crop Preparation	119	49.00%		58.31	35.51	60.90%		17.76	35.51	35.51	17.76	35.51	35.51	35.51	94	94
	5148 Fresh Fruits & Veggies, Wholesale	8	49.00%		3.92	2.39	60.90%		1.19	2.39	2.39	1.19	2.39	2.39	2.39	6	6
	2033 Canned Fruits & Vegetables	0			0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
	2037 Frozen Fruits & Vegetables	0			0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0			0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	20	98.00%		19.60	11.94	60.90%		5.97	11.94	11.94	5.97	11.94	11.94	32	32	32
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0			0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS															132	132	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)															30,745	30,745	

OHIO										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (94.0%)	X (56.0%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	6,662	91.00	7.4	39.00	2,100.63	1,974.59	1,105.77	552.89	1,105.77	3,080
Cantaloups	487	60.00	7.4	38.00	103.91	97.68	54.70	27.35	54.70	152
Cauliflower	5	94.00	7.4	37.00	1.72	1.61	0.90	0.45	0.90	3
Cucumbers & Pickles	3,539	110.00	7.4	29.00	1,814.03	1,705.18	954.90	477.45	954.90	2,660
Head Cabbage	1,482	90.00	7.4	31.00	581.43	546.54	306.06	153.03	306.06	853
Hot Peppers	30	272.00	7.4	52.00	21.21	19.93	11.16	5.58	11.16	31
Irish Potatoes	3,379	11.00	7.4	35.00	143.51	134.90	75.54	37.77	75.54	210
Lettuce & Romalne	1,158	107.00	7.4	88.00	190.27	178.86	100.16	50.08	100.16	279
Peaches	830	73.00	7.4	16.00	511.74	481.04	269.38	134.69	269.38	750
Pears	88	76.00	7.4	23.00	39.29	36.94	20.68	10.34	20.68	58
Plum & Prunes	39	34.00	7.4	15.00	11.95	11.23	6.29	3.14	6.29	18
Pumpkins	645	22.00	7.4	38.00	50.46	47.43	26.56	13.28	26.56	74
Spinach	167	218.00	7.4	12.00	409.98	385.38	215.81	107.91	215.81	601
Squash	563	110.00	7.4	21.00	398.52	374.61	209.78	104.89	209.78	584
Strawberries	588	556.00	7.4	14.00	3,155.68	2,966.34	1,661.15	830.57	1,661.15	4,627
Sweet Corn	6,218	37.00	7.4	29.00	1,072.07	1,007.74	564.34	282.17	564.34	1,572
Sweet Peppers	226	128.00	7.4	44.00	88.85	83.51	46.77	23.38	46.77	130
Tame Blueberries	14	106.00	7.4	36.00	5.57	5.24	2.93	1.47	2.93	8
Watermelons	105	53.00	7.4	29.00	25.93	24.38	13.65	6.83	13.65	38
PREHARVEST										
Carrots	1,416	10.00	7.4	22.00	86.98	81.76	45.79	22.89	45.79	128
Grapes	1,636	40.00	7.4	86.00	102.83	96.66	54.13	27.06	54.13	151
Sugarbeet for Sugar	6,292	13.00	7.4	44.00	251.22	236.14	132.24	66.12	132.24	368
DIVERSIFIED CROPS										
Dry Onions	1.5	161.00	7.4	41.00	0.80	0.75	0.42	0.21	0.42	1
Raspberries	9	135.00	7.4	27.00	6.08	5.72	3.20	1.60	3.20	9
Tobacco	102	45.00	7.4	11.00	56.39	53.00	29.68	14.84	29.68	83
Tomatoes	2,330	580.00	7.4	59.00	3,095.28	2,909.56	1,629.36	814.68	1,629.36	4,539
Tomatoes	1,848	108.00	7.4	59.00	457.13	429.70	240.63	120.32	240.63	670
Tomatoes	11,891	20.00	7.4	59.00	544.71	512.03	286.73	143.37	286.73	799
						% MIG				
						100%				
Soybeans	141,028	2.00	7.4	21.00	1,815.03	1,815.03	1,016.42	508.21	1,016.42	2,831
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										25,309

OHIO continued

Half of dry onion acres are mechanized

Only 15% of raspberry acres are included. The remainder are mechanized.

74.0% of tomatoes are mechanically harvested using 20 hours/acre; 14.5% are hand harvested at 580 hours/acre; 11.5% are hand harvested using 108 hours/acre.

Only an average of 6.93% of the 1,935,731 soybean acres are worked by migrants. Source: survey by Minn. and North Dakota Legal Services.

COUNTIES INCLUDED IN ESTIMATE:

Ashtabula, Campaign, Clark, Columbiana, Darke, Defiance, Erie, Fairfield, Fulton, Hancock, Hardin, Henry, Huron, Jackson, Lake, Licking, Lucas, Marion, Mercer, Pickaway, Portage, Putnam, Sandusky, Seneca, Stark, Williams, Wood, Wyandot

SUBGROUP	COL A SIC CODE	COL B AVERAGE WORKERS	COL C % MIGRANT WORKERS	COL D NUMBER MIGRANT WORKERS	COL E		COL F		COL G		COL H		COL C + H	
					% MARRIED	NUMBER MARRIED	NUMBER	NUMBER HSEHLD	NUMBER	NUMBER DEPENDTS	MIGRANT	WPKERS PLUS DEPENDTS		
FORESTRY	0851 Forestry Services	8	100.00%	8.00	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	8		
FOOD PROCESSING	0723 Crop Preparation	53	47.00%	24.91	56.00%	13.95	6.97	13.95	13.95	39				
	5148 Fresh Fruits & Vgs. Wholesale	558	47.00%	262.26	56.00%	146.87	73.43	146.87	146.87	409				
	2033 Canned Fruits & Vegetables	2,472	47.00%	1,161.84	56.00%	650.63	325.32	650.63	650.63	1,812				
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0.00	0				
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0.00	0				
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	3,489	94.00%	3,279.66	56.00%	1,836.61	918.30	1,836.61	1,836.61	5,116				
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	639	94.00%	600.66	56.00%	336.37	168.18	336.37	336.37	937				
				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS								8,322		
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)														33,631

COL A	COL C		COL D		COL E		COL F		COL G		COL H		COL I		COL F + I	
	HOURS	WORK HOURS	SEASON	WORK DAYS	COLUMNS (AxB)/(CxD)	MIGRANT WKERS	X (62.8%)	MARRIED	NUMBER	HSEHLDS	NUMBER	DEPENDTS	NUMBER	DEPENDTS	MIGRANT WKERS PLUS	DEPENDTS
ACRES	HOURS	WORK HOURS	SEASON	WORK DAYS	COLUMNS (AxB)/(CxD)	MIGRANT WKERS	X (62.8%)	MARRIED	NUMBER	HSEHLDS	NUMBER	DEPENDTS	NUMBER	DEPENDTS	MIGRANT WKERS PLUS	DEPENDTS
	91.00	7.4	34.00	34.00	508.53	319.36	194.49	194.49	97.24	194.49	514		194.49	514		
	41.00	7.4	12.00	12.00	8.77	5.51	3.36	3.36	1.68	3.36	9		3.36	9		
	84.00	7.4	28.00	28.00	94.86	59.58	36.28	36.28	18.14	36.28	96		36.28	96		
	80.00	7.4	25.00	25.00	40.22	25.26	15.38	15.38	7.69	15.38	41		15.38	41		
	98.00	7.4	47.00	47.00	6.20	3.89	2.37	2.37	1.19	2.37	6		2.37	6		
	60.00	7.4	15.00	15.00	502.16	315.36	192.05	192.05	96.03	192.05	507		192.05	507		
	92.00	7.4	39.00	39.00	31.24	19.62	11.95	11.95	5.97	11.95	32		11.95	32		
	110.00	7.4	37.00	37.00	38.57	24.22	14.75	14.75	7.38	14.75	39		14.75	39		
	157.00	7.4	58.00	58.00	4.02	2.53	1.54	1.54	0.77	1.54	4		1.54	4		
	90.00	7.4	19.00	19.00	46.73	29.35	17.87	17.87	8.94	17.87	47		17.87	47		
	11.00	7.4	36.00	36.00	55.83	35.06	21.35	21.35	10.68	21.35	56		21.35	56		
	179.00	7.4	22.00	22.00	501.38	314.86	191.75	191.75	95.88	191.75	507		191.75	507		
	38.00	7.4	43.00	43.00	2.03	1.27	0.78	0.78	0.39	0.78	2		0.78	2		
	206.00	7.4	30.00	30.00	84.44	53.03	32.29	32.29	16.15	32.29	85		32.29	85		
	73.00	7.4	23.00	23.00	977.05	613.59	373.67	373.67	186.84	373.67	987		373.67	987		
	76.00	7.4	26.00	26.00	34.37	21.58	13.14	13.14	6.57	13.14	35		13.14	35		
	15.00	7.4	24.00	24.00	3,786.74	2,378.07	1,448.25	1,448.25	724.12	1,448.25	3,826		1,448.25	3,826		
	34.00	7.4	21.00	21.00	9.19	5.77	3.51	3.51	1.76	3.51	9		3.51	9		
	22.00	7.4	38.00	38.00	28.87	18.13	11.04	11.04	5.52	11.04	29		11.04	29		
	218.00	7.4	22.00	22.00	2,520.12	1,582.64	963.83	963.83	481.91	963.83	2,546		963.83	2,546		
	110.00	7.4	21.00	21.00	276.77	173.81	105.85	105.85	52.93	105.85	280		105.85	280		
	556.00	7.4	24.00	24.00	331.85	208.40	126.92	126.92	63.46	126.92	335		126.92	335		
	37.00	7.4	45.00	45.00	81.11	50.94	31.02	31.02	15.51	31.02	82		31.02	82		
	128.00	7.4	38.00	38.00	31.23	19.61	11.94	11.94	5.97	11.94	32		11.94	32		
		7.4	42.00	42.00	17.94	11.27	6.86	6.86	3.43	6.86	18		6.86	18		
	108.00	7.4	28.00	28.00	50.14	31.48	19.17	19.17	9.59	19.17	51		19.17	51		
		7.4	44.00	44.00	178.01	111.79	68.08	68.08	34.04	68.08	180		68.08	180		
		7.4	37.00	37.00	194.30	122.02	74.31	74.31	37.16	74.31	196		74.31	196		
	26.00	7.4	36.00	36.00	13.86	8.70	5.30	5.30	2.65	5.30	14		5.30	14		
	53.00	7.4	26.00	26.00	1,821.67	1,144.01	696.70	696.70	348.35	696.70	1,841		696.70	1,841		
	1.00	7.4	22.00	22.00	2,213.14	1,389.85	846.42	846.42	423.21	846.42	2,236		846.42	2,236		
	223	7.4	52.00	52.00	23.18	14.56	8.87	8.87	4.43	8.87	23		8.87	23		
	282	7.4	24.00	24.00	14.29	8.97	5.47	5.47	2.73	5.47	14		5.47	14		

360,299
223
282

in Lima Beans

OKLAHOMA continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (62.8%)	X (60.9%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
DIVERSIFIED CROPS										
Dry Onions		181.00	7.4	34.00	3.20	2.01	1.22	0.61	1.22	
						% MIG				
						100%				
Soybeans	15,931	2.00	7.4	21.00		205.03	124.86	62.43	124.86	330
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										15,014
Half of dry onion acres are mechanized.										
Only an average of 6.93% of soybean acres are worked by migrants. Source: survey by Minn. and North Dakota Legal Services.										
COUNTIES INCLUDED IN ESTIMATE:				All counties are included.						

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	
		AVERAGE	%	NUMBER	%	NUMBER	/ (2)	X (2)	MIGRANT	
SUBGROUP	SIC CODE	WORKERS	MIGRANT	MIGRANT	MARRIED	MARRIED	NUMBER	NUMBER	WKERS PLUS	
			WKERS	WKERS			HSEHLDS	DEPENDTS	DEPENDTS	
FORESTRY	0851 Forestry Services		100.00%	18.00	0.00%	0.00	0.00	0.00	18	
FOOD PROCESSING	0723 Crop Preparation	39	31.40%	12.25	60.90%	7.46	3.73	7.46	20	
	5148 Fresh Fruits & Veggies Wholesale	137	31.40%	43.02	60.90%	26.20	13.10	26.20	69	
	2033 Canned Fruits & Vegetables	127	31.40%	39.88	60.90%	24.29	12.14	24.29	64	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	575	62.80%	361.10	60.90%	219.91	109.95	219.91	581	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	556	62.80%	349.17	60.90%	212.64	106.32	212.64	562	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	268	62.80%	168.30	60.90%	102.50	51.25	102.50	271	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									1,585	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										16,599

OREGON		COL A		COL E		COL F		COL G		COL H		COL I		COL F + I	
CROP		ACRES	SEASON	COLS	MIGRANT	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
WORK HOURS	WORK DAYS	(AxB)/(CxD)	W (67.8%)	MARRIED	/ (2)	X (2)	W (67.8%)	MARRIED	/ (2)	X (2)	W (67.8%)	MARRIED	/ (2)	X (2)	W (67.8%)
WORK HOURS	WORK DAYS	DFL	MIGRANT WPKERS	MARRIED	HSEHLS	DEPNDTS	MIGRANT WPKERS	MARRIED	HSEHLS	DEPNDTS	MIGRANT WPKERS	MARRIED	HSEHLS	DEPNDTS	MIGRANT WPKERS PLUS DEPNDTS
11,489	14.00	10,091.69	3,434.77	1,717.38	3,434.77	10,277									
181	4.00	587.03	199.80	99.90	199.80	598									
908	44.00	234.25	79.73	39.86	79.73	239									
4,080	49.00	2,329.18	792.75	396.37	792.75	2,372									
725	21.00	279.92	95.27	47.64	95.27	285									
2,547	43.00	784.43	266.99	133.49	266.99	799									
130	25.00	42.16	14.35	7.18	14.35	43									
3,348	44.00	966.56	328.97	164.49	328.97	984									
2,347	42.00	830.66	282.72	141.36	282.72	846									
2,964	12.00	500.68	170.41	85.20	170.41	510									
28,317	8.00	21,524.75	7,326.08	3,663.04	7,326.08	21,920									
252	51.00	146.90	50.00	25.00	50.00	150									
822	37.00	270.20	91.96	45.98	91.96	275									
7,200	32.00	1,550.68	527.78	263.89	527.78	1,579									
57,529	22.00	3,887.09	1,323.00	661.50	1,323.00	3,958									
352	37.00	137.56	46.82	23.41	46.82	140									
145	43.00	36.91	12.56	6.28	12.56	38									
43,730	22.00	1,074.45	365.69	182.85	365.69	1,094									
62	22.00	68.17	23.20	11.60	23.20	69									
1,844	32.00	568.46	193.48	96.74	193.48	579									
19,245	11.00	17,968.30	6,115.62	3,057.81	6,115.62	18,298									
4,056	16.00	1,164.73	396.42	198.21	396.42	1,186									
222	37.00	17.84	6.07	3.04	6.07	18									
550	32.00	852.41	290.12	145.06	290.12	868									
219	10.00	645.16	219.58	109.79	219.58	657									
1,919	21.00	1,358.37	462.33	231.16	462.33	1,383									
5,405	20.00	20,305.27	6,911.02	3,455.51	6,911.02	20,678									
13,457	16.00	24,777.25	8,433.08	4,216.54	8,433.08	25,232									
44,455	39.00	5,699.36	1,939.81	969.91	1,939.81	5,804									
66	40.00	28.54	9.71	4.86	9.71	29									
1,262	36.00	502.15	170.91	85.45	170.91	511									
228	44.00	196.07	66.73	33.37	66.73	200									
1,196	33.00	259.57	88.35	44.17	88.35	264									

OREGON continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (67.8%)	X (50.2%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
PREHARVEST										
Carrots	1,157	10.00	7.4	22.00	71.07	48.18	24.19	12.09	24.19	72
Sugarbeets for Sugar	18,700	13.00	7.4	42.00	782.18	530.31	266.22	133.11	266.22	797
Tart Cherries	2,355	13.00	7.4	40.00	103.43	70.12	35.20	17.60	35.20	105
Grapes	4,811	100.00	7.4	69.00	942.22	638.83	320.69	160.35	320.69	960
DIVERSIFIED CROPS										
Cranberries (Dry)	98	24.00	7.4	22.00	14.45	9.80	4.92	2.46	4.92	15
Cranberries (Wet)	882	12.00	7.4	22.00	65.01	44.08	22.13	11.06	22.13	66
Dry Onions	11,404	18.00	7.4	25.00	1,109.58	752.29	377.65	188.83	377.65	1,130
Raspberries	1,136	135.00	7.4	22.00	942.01	638.69	320.62	160.31	320.62	959
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										125,988
10% of the cranberry crop is dry harvested at 24 hours/acre; 90% of the crop is wet harvested at 12 hours/acre.										
Only 85% of dry onions are hand topped. The acreage reported is reduced accordingly.										
Only 15% of raspberry acres are included. The rest are mechanized.										
COUNTIES INCLUDED IN ESTIMATE:										
Benton, Clackamas, Columbia, Coos, Crook, Curry, Deschutes, Douglas, Grant, Hood River, Jackson, Jefferson, Klamath, Lane, Lincoln, Linn, Malheur, Marion, Morrow, Multnomah, Polk, Umatilla, Union, Wallowa, Wasco, Washington, Yamhill										

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
		AVERAGE	MIGRANT	MIGRANT	%	NUMBER	NUMBER	NUMBER	WKERS PLUS
SUBGROUP	SIC CODE	WORKERS	WKERS	WKERS	MARRIED	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
FORESTRY	0851 Forestry Services	6,938	100.00%	6,938.00	0.00%	0.00	0.00	0.00	6,938
	Christmas Trees	6,035	100.00%	6,035.00	0.00%	0.00	0.00	0.00	6,035
FOOD PROCESSING	0723 Crop Preparation	1,031	33.90%	349.51	50.20%	175.45	87.73	175.45	525
	5148 Fresh Fruits & Veggies Wholesale	2,225	33.90%	754.28	50.20%	378.65	189.32	378.65	1,133
	2033 Canned Fruits & Vegetables	4,738	33.90%	1,606.18	50.20%	806.30	403.15	806.30	2,412
	2037 Frozen Fruits & Vegetables	4,913	33.90%	1,665.51	50.20%	836.08	418.04	836.08	2,502
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,681	67.80%	1,139.72	50.20%	572.14	286.07	572.14	1,712
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	(see note)							
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									21,257

Nursery/greenhouse and crops under cover (SICs 0181 and 0182) are combined.

PENNSYLVANIA continued									
Only 15% of raspberry acres are included. The remainder are mechanized.									
Only 10% of tobacco acres use hired labor. Source: Pennsylvania Agricultural Statistics Service.									
COUNTIES INCLUDED IN ESTIMATE:									
Adams, Allegheny, Armstrong, Bedford, Berks, Blair, Bradford, Bucks, Cambria, Carbon, Centre, Chester, Clarion, Clinton, Columbia, Crawford, Cumberland, Dauphin, Delaware, Erie, Fayette, Franklin, Fulton, Indiana, Jefferson, Juniata, Lackawanna, Lancaster, Lawrence, Lehigh, Luzerne, Lycoming, McKean, Monroe, Montgomery, Montour, Northampton, Northumberland, Perry, Philadelphia, Pike, Potter, Snyder, Sullivan, Susquehanna, Tioga, Union, Warren, Washington, Wayne, Wyoming, York									

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SUBGROUP	COL A SIC CODE	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
		AVERAGE WORKERS	% MIGRANT WKERS	NUMBER MIGRANT WKERS	% MARRIED	NUMBER MARRIED	/ (2) NUMBER HSEHLDs	X (2) NUMBER DEPENDENTS	MIGRANT WKERS PLUS DEPENDENTS
FORESTRY	0851 Forestry Services	16	100.00%	16.00	0.00%	0.00	0.00	0.00	16
FOOD PROCESSING	0723 Crop Preparation	139	36.10%	50.18	32.90%	16.51	8.25	16.51	67
	5148 Fresh Fruits & Veggies Wholesale	302	36.10%	109.02	32.90%	35.87	17.93	35.87	145
	2033 Canned Fruits & Vegetables	827	36.10%	298.55	32.90%	98.22	49.11	98.22	397
	2037 Frozen Fruits & Vegetables	269	36.10%	97.11	32.90%	31.95	15.97	31.95	129
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,607	72.20%	1,160.25	32.90%	381.72	190.86	381.72	1,542
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	6,424	72.20%	4,638.13	32.90%	1,525.94	762.97	1,525.94	6,164
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									8,459
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									43,963

PUERTO RICO										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (35.78%)	X (69.2%)	/ (2)	X (2)	
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Avocado	746	53.00	7.40	22.00	242.86	86.90	60.13	30.07	60.13	147
Banana	34,148	350.00	7.40	64.00	25,236.06	9,029.46	6,248.39	3,124.19	6,248.39	15,278
Cassava	987	170.00	7.40	23.00	985.84	352.73	244.09	122.05	244.09	597
Celery	627	122.00	7.40	64.00	161.52	57.79	39.99	20.00	39.99	98
Coffee	73,651	291.00	7.40	44.00	65,824.45	23,551.99	16,297.98	8,148.99	16,297.98	39,850
Dasheen	908	194.00	7.40	66.00	360.67	129.05	89.30	44.65	89.30	218
Grapefruit	734	49.00	7.40	64.00	75.94	27.17	18.80	9.40	18.80	46
Honeydew Melon	1,055	120.00	7.40	22.00	777.64	278.24	192.54	96.27	192.54	471
Lemon/Lime	240	40.00	7.40	55.00	23.59	8.44	5.84	2.92	5.84	14
Mango	6,418	86.00	7.40	22.00	3,390.34	1,213.07	839.44	419.72	839.44	2,053
Orange (China)	11,682	179.00	7.40	21.00	13,456.10	4,814.59	3,331.70	1,665.85	3,331.70	8,146
Papaya	752	600.00	7.40	21.00	2,903.47	1,038.86	718.89	359.45	718.89	1,758
Pigeon Peas	5,710	10.00	7.40	33.00	233.82	83.66	57.89	28.95	57.89	142
Pineapple	4,250	89.00	7.40	23.00	2,222.39	795.17	550.26	275.13	550.26	1,345
Plantains	7,105	80.00	7.40	44.00	1,745.70	624.61	432.23	216.12	432.23	1,057
Pumpkin	3,736	48.00	7.40	44.00	550.76	197.06	136.37	68.18	136.37	333
Sugarcane	46,177	23.00	7.40	64.00	2,242.55	802.38	555.25	277.62	555.25	1,358
Sweet Peppers	253	416.00	7.40	33.00	430.99	154.21	106.71	53.36	106.71	261
Sweet Potato	873	80.00	7.40	44.00	214.50	76.75	53.11	26.55	53.11	130
Tobacco	121	240.00	7.40	22.00	178.38	63.82	44.17	22.08	44.17	108
Tomato	615	230.00	7.40	42.00	455.12	162.84	112.69	56.34	112.69	276
Yam	1,780	80.00	7.40	44.00	437.35	156.48	108.29	54.14	108.29	265
Watermelon	31	53.00	7.40	22.00	10.09	3.61	2.50	1.25	2.50	6
PREHARVEST										
Dry Edible Beans	353	15.00	7.40	33.00	21.68	7.76	5.37	2.68	5.37	13
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										73,955
*LIVE BUT DO NOT WORK IN THE STATE										3,120
TOTAL MIGRANTS AND DEPENDENTS										77,075
*Based on 1990 Registered Agricultural workers & "estimate" that 50% of those who register at the Departamento del Trabajo also migrate.										
No subgroup information is available for Puerto Rico.										

RHODE ISLAND continued

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	0		0.00		0.00	0.00	0.00	0
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0
	5148 Fresh Fruits & Veggies Wholesale	35	9.80%	3.43	32.90%	1.13	0.58	1.13	5
	2033 Canned Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0.00	0
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0
				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS					5
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									469

SOUTH CAROLINA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (97.5%)	X (29.6%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
	3,727	91.00	7.4	14.00	3,273.72	3,191.87	944.79	472.40	944.79	4,137
	366	60.00	7.4	19.00	156.19	152.28	45.08	22.54	45.08	197
	1,288	92.00	7.4	27.00	593.07	578.25	171.16	85.58	171.16	749
	6,710	110.00	7.4	19.00	5,249.64	5,118.40	1,515.05	757.52	1,515.05	6,633
	190	11.00	7.4	39.00	7.24	7.06	2.09	1.05	2.09	9
	224	179.00	7.4	22.00	246.29	240.13	71.08	35.54	71.08	311
	242	38.00	7.4	66.00	18.83	18.36	5.43	2.72	5.43	24
	33,636	73.00	7.4	21.00	15,800.69	15,405.68	4,560.08	2,280.04	4,560.08	19,966
	2,311	15.00	7.4	21.00	223.07	217.49	64.38	32.19	64.38	282
	751	37.00	7.4	49.00	76.63	74.72	22.12	11.06	22.12	97
	2,223	82.00	7.4	34.00	724.51	706.39	209.09	104.55	209.09	915
	2,914	280.00	7.4	16.00	6,891.22	6,718.94	1,988.81	994.40	1,988.81	8,708
	6,443	53.00	7.4	29.00	1,591.23	1,551.45	459.23	229.62	459.23	2,011
DIVERSIFIED CROPS						% MIG				
						(75.0%)				
Tobacco	41,097	36.00	7.4	26.00	7,689.67	5,767.25	1,707.11		1,707.11	7,474
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										51,514
Migrant percent for tobacco is 75.0% not 97.5%.										
Cotton is not worked by migrants in South Carolina. Source: South Carolina Legal Services.										
Soybeans are primarily mechanized in South Carolina.										
COUNTIES INCLUDED IN ESTIMATE:										
Aiken, Allendale, Bamberg, Beaufort, Charleston, Cherokee, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Edgefield, Florence, Greenfield, Hampton, Horry, Jasper, Kershaw, Laurens, Lee, Lexington, Marion, Marlboro, Oconee, Orangeburg, Saluda, Spartanburg, Sumter, Williamsburg										

SOUTH CAROLINA continued									
	COL A	COL B		COL D	COL E	COL F	COL G	COL H	COL C + H
				NUMBER	%	NUMBER	/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	MARRIED	MARRIED	HSEHLDS	DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	86	100.00%	86.00	0.00%	0.00	0.00	0.00	
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0
	5148 Fresh Fruits & Vags. Wholesale	222	48.80%	108.34	29.60%	32.07	16.03	32.07	140
	2033 Canned Fruits & Vegetables	171	48.80%	83.45	29.60%	24.70	12.35	24.70	108
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	205	97.50%	199.88	29.60%	59.16	29.58	59.16	259
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	267	97.50%	260.33	29.60%	77.06	38.53	77.06	337
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0
									931
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									52,445

SOUTH DAKOTA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F+I
				SEASON	COLUMNS	X (65.4%)	X (60.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD)	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Apples	306	91.00	7.4	26.43	142.38	93.12	56.71	28.35	56.71	150
Cantaloups	163	60.00	7.4	22.14	59.69	39.03	23.77	11.89	23.77	63
Cucumbers	12	110.00	7.4	15.71	11.35	7.42	4.52	2.26	4.52	12
Irish Potatoes	10,464	11.00	7.4	32.14	483.92	316.48	192.74	96.37	192.74	509
Pumpkins	81	22.00	7.4	21.43	11.24	7.35	4.48	2.24	4.48	12
Squash	58	110.00	7.4	61.43	14.04	9.18	5.59	2.80	5.59	15
Sweet Corn	380	37.00	7.4	28.57	66.50	43.49	26.49	13.24	26.49	70
Tomatoes	29	280.00	7.4	32.14	34.14	22.33	13.60	6.80	13.60	36
Watermelons	322	53.00	7.4	28.57	80.72	52.79	32.15	16.07	32.15	85
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										951
COUNTIES INCLUDED IN ESTIMATE:				All South Dakota counties are included.						

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SUBGROUP	COL A SIC CODE	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	
		AVERAGE WORKERS	% MIGRANT WKERS	NUMBER MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	NUMBER DEPENDTS	
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0	
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0	
	5148 Fresh Fruits & Veggies Wholesale	21	32.60%	6.85	60.90%	4.17	2.08	4.17	11	
	2033 Canned Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
		0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	86	65.40%	56.24	60.90%	34.25	17.13	34.25	90	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									102	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										1,053

TENNESSEE										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
			WORK	WORK	SEASON	X (79.4%)	X (56.0%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	HOURS	DAYS	COLUMNS	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
					(AxB)/(CxD)	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
					DFL					
HARVEST										
	1,466	91.00	7.4	22.86	788.72	626.24	350.70	175.35	350.70	977
	138	60.00	7.4	23.57	47.47	37.69	21.11	10.55	21.11	59
	396	90.00	7.4	22.14	217.51	172.70	96.71	48.36	96.71	269
	725	73.00	7.4	29.29	244.22	193.91	108.59	54.29	108.59	302
	329	16.00	7.4	32.86	21.65	17.19	9.63	4.81	9.63	27
	686	37.00	7.4	32.86	104.39	82.89	46.42	23.21	46.42	129
	407	82.00	7.4	28.57	157.85	125.33	70.19	35.09	70.19	196
	2,262	280.00	7.4	44.29	1,932.66	1,534.53	859.34	429.67	859.34	2,394
	122	140.00	7.4	27.86	82.86	65.79	36.84	18.42	36.84	103
	79	26.00	7.4	28.57	9.71	7.71	4.32	2.16	4.32	12
	199	53.00	7.4	25.00	57.01	45.27	25.35	12.67	25.35	71
PREHARVEST										
Cotton	247,031	2.40	7.4	35.00	2,289.09	1,817.54	1,017.82	508.91	1,017.82	2,835
Grapes	113	40.00	7.4	30.00	20.36	16.17	9.05	4.53	9.05	25
DIVERSIFIED CROPS										
Tobacco										
Burley	19,792		7.4	35.71	5,317.09	4,221.77	2,364.19	1,182.10	2,364.19	6,586
Fire-Cured	3,492		7.4	35.71	938.12	744.87	417.13	208.56	417.13	1,162
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										15,147
Tobacco "Season Work Days" and "Hours" specific to Tennessee provided by Tom Womack, TN Dept. of Agric. and Phillip Hunter, Tobacco Experimental Station, Tennessee Extension Service. NOTE: An estimated 50% of total state tobacco acres are worked by family/friends only. This acreage is assumed to be in Tennessee's non-migrant counties.										
COUNTIES INCLUDED IN ESTIMATE:										
Anderson, Bedford, Benton, Bledsoe, Claiborne, Clay, Cocke, Coffee, Crockett, Davidson, Dyer, Fayette, Gibson, Greene, Hamblen, Hancock, Hawkins, Henry, Jefferson, Knox, Lake, Lauderdale, Lincoln, Meigs, Obion, Rhea, Roane, Robertson, Sevier, Sumner, Tipton, Unicoi, Warren, Washington										

TENNESSEE continued																	
COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL C + H	
SIC CODE		AVERAGE WORKERS		% MIGRANT WORKERS		NUMBER MIGRANT WORKERS		% MARRIED		NUMBER MARRIED		NUMBER HSEHLDs		NUMBER DEPENDTS		MIGRANT WORKERS PLUS DEPENDTS	
FORESTRY	0851 Forestry Services	54	100.00%	54.00	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	54	
FOOD PROCESSING	0723 Crop Preparation	85	39.70%	33.75	56.00%	18.90	18.90	9.45	18.90	18.90	18.90	18.90	18.90	18.90	18.90	53	
	5148 Fresh Fruits & Veggies Wholesale	371	39.70%	147.29	56.00%	82.48	82.48	41.24	82.48	82.48	82.48	82.48	82.48	82.48	82.48	230	
	2033 Canned Fruits & Vegetables	526	39.70%	208.82	56.00%	116.94	116.94	58.47	116.94	116.94	116.94	116.94	116.94	116.94	116.94	326	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	819	79.40%	650.29	56.00%	364.16	364.16	182.08	364.16	364.16	364.16	364.16	364.16	364.16	364.16	1,014	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
											TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS		1,677				
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)													16,824				

TEXAS	COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL I		COL F + I	
	ACRES	HOURS	HOURS	WORK DAYS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (65.6%) MIGRANT WORKERS	X (60.9%) NUMBER MARRIED	NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WORKERS	X (65.6%) MIGRANT WORKERS	X (60.9%) NUMBER MARRIED	NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WORKERS PLUS DEPENDTS				
HARVEST																				
Apples	921	91.00	7.4	27.14	417.27	273.73	166.70	83.35	166.70	166.70	83.35	166.70	83.35	166.70	166.70	440				
Apricots	131	96.00	7.4	13.57	125.22	82.15	50.03	25.01	50.03	50.03	25.01	50.03	25.01	50.03	132					
Asparagus	26	84.00	7.4	30.00	9.84	6.45	3.93	1.97	3.93	3.93	1.97	3.93	1.97	3.93	10					
Avocados	60	55.00	7.4	87.86	5.08	3.33	2.03	1.01	2.03	2.03	1.01	2.03	1.01	2.03	5					
Blackberries	240	60.00	7.4	15.00	129.73	85.10	51.83	25.91	51.83	51.83	25.91	51.83	25.91	51.83	137					
Blueberries	1,170	106.00	7.4	10.00	1,675.95	1,099.42	669.55	334.77	669.55	669.55	334.77	669.55	334.77	669.55	1,769					
Broccoli	8,524	98.00	7.4	26.43	4,271.34	2,802.00	1,706.42	853.21	1,706.42	1,706.42	853.21	1,706.42	853.21	1,706.42	4,508					
Cantaloups	28,801	60.00	7.4	12.86	18,162.79	11,914.79	7,256.11	3,628.05	7,256.11	7,256.11	3,628.05	7,256.11	3,628.05	7,256.11	19,171					
Cauliflower	487	94.00	7.4	11.43	541.29	355.09	216.25	108.12	216.25	216.25	108.12	216.25	108.12	216.25	571					
Celery	1,288	126.00	7.4	43.57	503.33	330.18	201.08	100.54	201.08	201.08	100.54	201.08	100.54	201.08	531					
Cherries	45	202.00	7.4	10.00	122.84	80.58	49.07	24.54	49.07	49.07	24.54	49.07	24.54	49.07	130					
Collards	929	92.00	7.4	26.43	437.02	286.68	174.59	87.29	174.59	174.59	87.29	174.59	87.29	174.59	461					
Cucumbers/Pickles	23,900	110.00	7.4	15.00	23,684.68	15,537.15	9,462.13	4,731.06	9,462.13	9,462.13	4,731.06	9,462.13	4,731.06	9,462.13	24,999					
Eggplant	87	157.00	7.4	58.57	31.51	20.67	12.59	6.29	12.59	12.59	6.29	12.59	6.29	12.59	33					
English Walnuts	39	15.00	7.4	18.57	4.26	2.79	1.70	0.85	1.70	1.70	0.85	1.70	0.85	1.70	4					
Figs	49	45.00	7.4	29.29	10.17	6.67	4.06	2.03	4.06	4.06	2.03	4.06	2.03	4.06	11					
Grapefruit	23,911	49.00	7.4	60.00	2,638.83	1,731.07	1,054.22	527.11	1,054.22	1,054.22	527.11	1,054.22	527.11	1,054.22	2,785					
Green Onions	3,248	220.00	7.4	17.14	5,632.79	3,695.11	2,250.32	1,125.16	2,250.32	2,250.32	1,125.16	2,250.32	1,125.16	2,250.32	5,945					
Head Cabbage	13,698	90.00	7.4	45.71	3,644.32	2,390.67	1,455.92	727.96	1,455.92	1,455.92	727.96	1,455.92	727.96	1,455.92	3,847					
Honeydew Melons	7,200	120.00	7.4	22.14	5,272.89	3,459.01	2,106.54	1,053.27	2,106.54	2,106.54	1,053.27	2,106.54	1,053.27	2,106.54	5,566					
Hot Peppers	6,000	272.00	7.4	43.57	5,061.59	3,320.40	2,022.12	1,011.06	2,022.12	2,022.12	1,011.06	2,022.12	1,011.06	2,022.12	5,343					
Irish Potatoes	15,468	11.00	7.4	45.00	510.95	335.19	204.13	102.06	204.13	204.13	102.06	204.13	102.06	204.13	539					
Kale	621	180.00	7.4	33.57	449.95	295.17	179.76	89.88	179.76	179.76	89.88	179.76	89.88	179.76	475					
Lemons	82	30.00	7.4	112.86	2.95	1.93	1.18	0.59	1.18	1.18	0.59	1.18	0.59	1.18	3					
Lettuce/Romaine	1,898	107.00	7.4	23.57	1,164.29	763.78	465.14	232.57	465.14	465.14	232.57	465.14	232.57	465.14	1,229					
Mustard Greens	1,468	179.00	7.4	23.57	1,506.47	988.25	601.84	300.92	601.84	601.84	300.92	601.84	300.92	601.84	1,590					
Nectarines	84	38.00	7.4	21.43	20.13	13.21	8.04	4.02	8.04	8.04	4.02	8.04	4.02	8.04	21					
Okra	2,537	206.00	7.4	21.43	3,295.81	2,162.05	1,316.69	658.35	1,316.69	1,316.69	658.35	1,316.69	658.35	1,316.69	3,479					
Oranges	15,149	27.00	7.4	42.86	1,289.71	846.05	515.25	257.62	515.25	515.25	257.62	515.25	257.62	515.25	1,361					
Other Tangerines	135	35.00	7.4	22.14	28.84	18.92	11.52	5.76	11.52	11.52	5.76	11.52	5.76	11.52	30					
Parsley	458	293.00	7.4	33.57	540.17	354.35	215.80	107.90	215.80	215.80	107.90	215.80	107.90	215.80	570					
Peaches	13,571	73.00	7.4	37.14	3,604.36	2,364.46	1,439.95	719.98	1,439.95	1,439.95	719.98	1,439.95	719.98	1,439.95	3,804					
Pears	723	76.00	7.4	44.29	167.67	109.99	66.99	33.49	66.99	66.99	33.49	66.99	33.49	66.99	177					
Pecans	148,891	15.00	7.4	43.57	6,926.70	4,543.91	2,767.24	1,383.62	2,767.24	2,767.24	1,383.62	2,767.24	1,383.62	2,767.24	7,311					

TEXAS continued		COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
CROP	ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	MIGRANT WKRERS	X (65.6%)	X (60.9%)	/ (2)	X (2)	MIGRANT WKRERS PLUS DEPENDTS
								MARRIED	HSEHLD	NUMBER DEPENDTS	
Persimmons	95	90.00	7.4	30.00	38.51	25.26	15.39	15.39	7.69	15.39	41
Pistachios	37	15.00	7.4	44.29	1.69	1.11	0.68	0.68	0.34	0.68	2
Plums	537	34.00	7.4	23.57	104.67	68.67	41.82	41.82	20.91	41.82	110
Pumpkins	1,500	22.00	7.4	12.86	346.85	227.53	138.57	138.57	69.28	138.57	366
Radishes	157	367.00	7.4	21.43	363.36	238.37	145.16	145.16	72.58	145.16	384
Spinach	7,494	218.00	7.4	18.57	11,887.57	7,798.25	4,749.13	4,749.13	2,374.57	4,749.13	12,547
Squash	4,417	110.00	7.4	61.43	1,068.85	701.17	427.01	427.01	213.51	427.01	1,128
Strawberries	72	556.00	7.4	26.43	204.69	134.28	81.78	81.78	40.89	81.78	216
Sweet Corn	3,668	37.00	7.4	43.57	420.92	276.12	168.16	168.16	84.08	168.16	444
Sweet Peppers	5,889	128.00	7.4	22.14	4,600.30	3,017.80	1,837.84	1,837.84	918.92	1,837.84	4,856
Sweet Potatoes	5,439	82.00	7.4	43.57	1,383.25	907.41	552.61	552.61	276.31	552.61	1,460
Tomatoes	2,000	280.00	7.4	21.43	3,531.53	2,316.68	1,410.86	1,410.86	705.43	1,410.86	3,728
Turnip Greens	743	140.00	7.4	26.43	531.88	348.91	212.49	212.49	106.24	212.49	561
Turnips	1,206	26.00	7.4	21.43	197.74	129.72	79.00	79.00	39.50	79.00	209
Watermelons	49,061	53.00	7.4	16.43	21,388.52	14,030.87	8,544.80	8,544.80	4,272.40	8,544.80	22,576
PREHARVEST											
Carrots	10,612	10.00	7.4	22.00	651.84	427.61	260.41	260.41	130.21	260.41	688
Cotton	6,300,000	2.40	7.4	35.00	58,378.38	38,296.22	23,322.40	23,322.40	11,661.20	23,322.40	61,619
Grapes	3,901	40.00	7.4	30.00	702.88	461.09	280.80	280.80	140.40	280.80	742
Sugar Beets	29,856	13.00	7.4	36.00	1,456.94	955.75	582.05	582.05	291.03	582.05	1,538
DIVERSIFIED CROPS											
Dry Onions	16,806	161.00	7.4	63.57	5,751.70	3,773.12	2,297.83	2,297.83	1,148.91	2,297.83	6,071
Raspberries	3	135.00	7.4	13.57	4.03	2.65	1.61	1.61	0.81	1.61	4
Sugar Cane	32,535	14.00	7.4	21.43	2,872.46	1,884.33	1,147.56	1,147.56	573.78	1,147.56	3,032
						% MIG					
						(100%)					
Corn Detassling	55,000	(55,000 acres/71.6 workers)			768.16	768.16	467.81	467.81	233.90	467.81	1,236
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE											220,548

Only 90% of blueberry acres are hand harvested. Sources: Texas Extension Service; President, Blueberry Growers Association.

Only 2 000 tomato acres in the Lower Rio Grande Valley use hired laborers "Season Work Days" reflects harvest days for only this geographic area

TEXAS continued									
Dry onion "Season Work Days" average statewide = 89 days. All are hand harvested. Source: Frank Danelo, Veg Specialist, Ext. Hort, Texas A&M.									
Only 15% of raspberry acres are included. The remainder are mechanized.									
An average of 71.6 of the 55,000 seed corn acres are worked by one laborer. All laborers are migrants. Source: Indiana Legal Service.									
COUNTIES INCLUDED IN ESTIMATE: All Texas counties are included.									

SUBGROUP	COL A SIC CODE	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
		AVERAGE WORKERS	% MIGRANT WKERS	NUMBER MIGRANT WKERS	% MARRIED	NUMBER MARRIED	/ (2) NUMBER HSEHLDs	X (2) NUMBER DEPENDTS	MIGRANT WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services		100.00%	1,148.00	0.00%	0.00	0.00	0.00	1,148
FOOD PROCESSING	0723 Crop Preparation	1,174	32.80%	385.07	60.90%	234.51	117.25	234.51	620
	5148 Fresh Fruits & Veggies Wholesale	2,538	32.80%	832.46	60.90%	506.97	253.49	506.97	1,339
	2033 Canned Fruits & Vegetables	561	32.80%	184.01	60.90%	112.06	56.03	112.06	296
	2037 Frozen Fruits & Vegetables	648	32.80%	212.54	60.90%	129.44	64.72	129.44	342
COTTON GINNING	0724 Cotton Ginning & Pickery	6,550	50.00%	3,275.00	60.90%	1,994.48	997.24	1,994.48	5,269
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,364	65.60%	894.78	60.90%	544.92	272.46	544.92	1,440
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	827	65.60%	542.51	60.90%	330.39	165.19	330.39	873
LIVE BUT DO NOT WORK IN STATE									138,940
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									150,267

A demand for labor formula was used to estimate forestry as no SIC 0851 data were available. DFL elements = A: 130,957, H: 2.78, W: 7.4, S: 42.86.

Average 50% of cotton ginning work is performed by migrants. Source: Darrell Krenk Agric. Labor Specialist, Dept of Labor, Lubbock.

"Live but do not work in state" is calculated by increasing the total migrant estimate by 59.92% (220,548 field agriculture + 11,327 subgroups = 231,875

X 59.92%). Data with which to estimate this percentage is severely limited. Only two sources are available, both for Eagle Pass, Texas (Maverick County)

Both are limited in scope. They report a total of 332 individuals either filing unemployment insurance claims or surveyed in a housing study who

performed seasonal agricultural work only outside the state. A DFL estimate for Maverick County indicated 554 migrant workers. The ratio of DFL

calculation of migrant workers to those reported to work only out of state is 1:5992 or 59.92%.

GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)	370,815
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UTAH	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (58.4%)	X (60.9%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	4,819	91.00	7.4	14.29	4,148.25	2,422.58	1,475.35	737.67	1,475.35	3,898
Apricots	153	96.00	7.4	32.86	60.41	35.28	21.48	10.74	21.48	57
Cantaloups	221	60.00	7.4	23.57	76.02	44.40	27.04	13.52	27.04	71
Cherries	6,333	202.00	7.4	17.14	10,084.30	5,889.23	3,586.54	1,793.27	3,586.54	9,476
Head Cabbage	112	90.00	7.4	43.57	31.26	18.26	11.12	5.56	11.12	29
Honeydew Melons	13	120.00	7.4	21.43	9.84	5.75	3.50	1.75	3.50	9
Hot Peppers	29	272.00	7.4	30.71	34.71	20.27	12.34	6.17	12.34	33
Irish Potatoes	5,238	11.00	7.4	28.57	272.52	159.15	96.92	48.46	96.92	256
Lettuce/Romaine	47	107.00	7.4	43.57	15.60	9.11	5.55	2.77	5.55	15
Peaches	2,205	73.00	7.4	15.71	1,384.22	808.38	492.31	246.15	492.31	1,301
Pears	320	76.00	7.4	26.43	124.35	72.62	44.23	22.11	44.23	117
Pumpkins	257	22.00	7.4	12.86	59.43	34.71	21.14	10.57	21.14	56
Squash	194	110.00	7.4	83.57	34.51	20.15	12.27	6.14	12.27	32
Sweet Corn	1,142	37.00	7.4	10.71	532.93	311.23	189.54	94.77	189.54	501
Sweet Peppers	52	128.00	7.4	30.71	29.28	17.10	10.42	5.21	10.42	28
Tomatoes	208	280.00	7.4	25.00	314.81	183.85	111.96	55.98	111.96	296
Watermelons	201	53.00	7.4	28.57	50.39	29.43	17.92	8.96	17.92	47
PREHARVEST										
Grapes	87	40.00	7.4	30.00	15.68	9.15	5.58	2.79	5.58	15
DIVERSIFIED CROPS										
Dry Onions	861	161.00	7.4	18.57	1,008.68	589.07	358.74	179.37	358.74	948
TOTAL MIGRANTS AND DEPENDENTS INCLUDED IN FIELD AGRICULTURE										17,184
Half of dry onion acres are mechanized.										
COUNTIES INCLUDED IN ESTIMATE:										
Box Elder, Cache, Davis, Iron, Millard, Rich, Salt Lake, Sanpete, Utah, Weber										

UTAH continued		COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
SUBGROUP	SIC CODE	AVERAGE WORKERS	% MIGRANT WORKERS	NUMBER MIGRANT WORKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLD	NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS	
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0	
FOOD PROCESSING	0723 Crop Preparation	309	29.20%	90.23	60.90%	54.95	27.47	54.95	145	
	5148 Fresh Fruits & Veggies Wholesale	239	29.20%	69.79	60.90%	42.50	21.25	42.50	112	
	2033 Canned Fruits & Vegetables	34	29.20%	9.93	60.90%	6.05	3.02	6.05	16	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	318	58.40%	185.71	60.90%	113.10	56.55	113.10	299	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	250	58.40%	146.00	60.90%	88.91	44.46	88.91	235	
				TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS					807	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									17,991	

VERMONT	COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL I		COL F + I	
	ACRES	HOURS	HOURS	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (31.8%) MIGRANT WKRERS	X (32.9%) NUMBER MARRIED	NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS								
HARVEST																				
Apples	4,728	91.00	7.4	17.86	3,255.93	1,035.39	340.64	170.32	340.64	1,376										
Asparagus	18	84.00	7.4	21.43	9.54	3.03	1.00	0.50	1.00	4										
Blueberries	67	106.00	7.4	18.57	51.68	16.43	5.41	2.70	5.41	22										
Broccoli	81	98.00	7.4	54.29	19.76	6.28	2.07	1.03	2.07	8										
Brussel Sprouts	13	120.00	7.4	65.71	3.21	1.02	0.34	0.17	0.34	1										
Cantaloups	13	60.00	7.4	24.29	4.34	1.38	0.45	0.23	0.45	2										
Cauliflower	16	94.00	7.4	35.71	5.69	1.81	0.60	0.30	0.60	2										
Cheries	26	202.00	7.4	11.43	62.10	19.75	6.50	3.25	6.50	26										
Cucumbers/Pickles	37	110.00	7.4	18.57	29.62	9.42	3.10	1.55	3.10	13										
Eggplant	9	157.00	7.4	58.57	3.26	1.04	0.34	0.17	0.34	1										
Green Onions	2	220.00	7.4	105.00	0.57	0.18	0.06	0.03	0.06	0										
Head Cabbage	43	90.00	7.4	42.86	12.20	3.88	1.28	0.64	1.28	5										
Irish Potatoes	162	11.00	7.4	25.00	9.63	3.06	1.01	0.50	1.01	4										
Kale	6	180.00	7.4	4.29	34.05	10.83	3.56	1.78	3.56	14										
Lettuce/Romaine	45	107.00	7.4	66.43	9.80	3.11	1.02	0.51	1.02	4										
Pears	19	76.00	7.4	28.57	6.83	2.17	0.71	0.36	0.71	3										
Plums/Prunes	6	34.00	7.4	22.86	1.21	0.38	0.13	0.06	0.13	1										
Pumpkins	154	22.00	7.4	7.14	64.10	20.38	6.71	3.35	6.71	27										
Radishes	49	367.00	7.4	35.00	69.43	22.08	7.26	3.63	7.26	29										
Spinach	16	218.00	7.4	9.29	50.76	16.14	5.31	2.66	5.31	21										
Squash	153	110.00	7.4	102.14	22.27	7.08	2.33	1.16	2.33	9										
Strawberries	167	556.00	7.4	13.57	924.56	294.01	96.73	48.36	96.73	391										
Sweet Corn	1,140	37.00	7.4	29.29	194.63	61.89	20.36	10.18	20.36	82										
Sweet Peppers	22	128.00	7.4	15.71	24.22	7.70	2.53	1.27	2.53	10										
Tomatoes	78	280.00	7.4	23.57	125.21	39.82	13.10	6.55	13.10	53										
Watermelons	8	53.00	7.4	15.00	3.82	1.21	0.40	0.20	0.40	2										
PREHARVEST																				
Carrots	21	10.00	7.4	22.00	1.29	0.41	0.13	0.07	0.13	1										
Grapes	6	40.00	7.4	30.00	1.08	0.34	0.11	0.06	0.11	0										
DIVERSIFIED CROPS																				
Dry Onions	17	161.00	7.4	24.29	15.23	4.84	1.59	0.80	1.59	6										
Raspberries	14	135.00	7.4	14.29	17.88	5.69	1.87	0.94	1.87	8										
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE																			2,127	

VERMONT continued									
Half of dry onion acres are mechanized.									
Only 15% of raspberry acres are included. The remainder are mechanized.									
COUNTIES INCLUDED IN ESTIMATE:					All Vermont counties are included.				

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SUBGROUP	COL A SIC CODE	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
		AVERAGE WORKERS	% MIGRANT WKERS	NUMBER MIGRANT WKERS	% MARRIED	NUMBER MARRIED	/ (2) NUMBER HSEHLDS	X (2) NUMBER DEPENDTS	MIGRANT WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	14	100.00%	14.00	0.00%	0.00	0.00	0.00	14
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0
	5148 Fresh Fruits & Veggies Wholesale	32	15.90%	5.09	32.90%	1.67	0.84	1.67	7
	2033 Canned Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	0		0.00		0.00	0.00	0.00	0
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									21
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									2,148

CROP	COL A		COL B		COL C		COL D		COL G X (32.9%) NUMBER MARRIED	COL H / (2) NUMBER HSEHLDS		COL I X (2) NUMBER DEPENDTS		COL F + I MIGRANT WKRERS PLUS DEPENDTS		
	ACRES	HOURS	HOURS	WORK HOURS	SEASON WORK DAYS	WORK HOURS	WORK DAYS	NUMBER		NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
HARVEST																
Apples	23,817	91.00	7.4	37.86	7,796.58	6,730.82	2,214.44	1,107.22	2,214.44	2,214.44	8,945					
Berries	131	172.00	7.4	22.86	133.21	115.90	38.13	19.08	38.13	38.13	154					
Broccoli	138	98.00	7.4	42.14	43.37	37.73	12.41	6.21	12.41	12.41	50					
Cantaloups	286	60.00	7.4	24.29	95.48	83.07	27.33	13.67	27.33	27.33	110					
Collards	70	92.00	7.4	38.57	22.56	19.63	6.46	3.23	6.46	6.46	26					
Cucumbers/Pickles	5,003	110.00	7.4	70.71	1,051.68	914.98	301.02	150.51	301.02	301.02	1,216					
Head Cabbage	1,456	90.00	7.4	43.57	406.42	353.58	116.33	58.16	116.33	116.33	470					
Irish Potatoes	11,750	11.00	7.4	37.14	470.24	409.11	134.60	67.30	134.60	134.60	544					
Nectarines	23	38.00	7.4	21.43	5.51	4.80	1.58	0.79	1.58	1.58	6					
Peaches	3,491	73.00	7.4	13.57	2,537.55	2,207.67	726.32	363.16	726.32	726.32	2,934					
Pears	39	76.00	7.4	29.29	13.68	11.90	3.91	1.96	3.91	3.91	16					
Pumpkins	341	22.00	7.4	21.43	47.31	41.16	13.54	6.77	13.54	13.54	55					
Squash	547	110.00	7.4	61.43	132.37	115.16	37.89	18.94	37.89	37.89	153					
Strawberries	313	556.00	7.4	22.14	1,062.07	924.00	304.00	152.00	304.00	304.00	1,228					
Sweet Corn	1,143				256.10	224.54	73.88	36.94	73.88	73.88	298					
Sweet Peppers	690				539.01	468.94	154.28	77.14	154.28	154.28	623					
Sweet Potatoes	1,048				266.53	231.88	76.29	38.14	76.29	76.29	308					
Tomatoes	1,979				2,556.91	2,224.52	731.87	365.93	731.87	731.87	2,956					
Turnip Greens	99				48.56	42.25	13.90	6.95	13.90	13.90	56					
Watermelons	1,701				426.40	370.97	122.05	61.02	122.05	122.05	493					
PREHARVEST																
Grapes	1,31	40.00	7.4		244.32	212.56	69.93	34.97	69.93	69.93	282					
DIVERSIFIED CROPS																
Tobacco																
Burley	6,761	64.00	7.4	21.43	2,726.76	2,374.02	781.05		781.05	781.05	3,155					
Fire-Cured	1,572		7.4	36.43	746.43		213.65		213.65	213.65	863					
Flue-Cured	22,166		7.4	21.43	6,569.92		1,880.51		1,880.51	1,880.51	7,596					
Flue-Cured	7,388		7.4	21.43	5,963.65		1,706.97		1,706.97	1,706.97	6,895					
Sun-Cured	42		7.4	21.43	33.90		9.70		9.70	9.70	39					
Soybeans	17,791	2.00			228.97	228.97	75.33	37.67	75.33	75.33	304					
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE															39,779	

VIRGINIA continued

Only an average of 6.93% of soybean acres are worked by migrants. Source: survey by Minnesota and North Dakota Legal Services.
 Three-fourths of flue-cured tobacco is estimated to be mechanized. One-fourth involves intensive hand labor. At least 25% of all tobacco is worked exclusively by family/friends. Sources: Dr. Sumpner, Extension Entomologist, Virginia Tech; Eric Everly, Virginia Ext. Service, Buckingham Co.

COUNTIES INCLUDED IN ESTIMATE:

Accomack, Albermarle, Amelia, Amherst, Appomattox, Augusta, Bedford, Botetout, Brunswick, Buckingham, Campbell, Carroll, Charlotte, Chesterfield, Clarke, Cumberland, Dinwiddie, Essex, Fauquier, Floyd, Franklin, Frederick, Giles, Grayson, Halifax, Henry, Isle of Wright, Lee, Loudoun, Louisa, Lunenburg, Madison, Mecklenburg, Middlesex, Nelson, Northampton, Nottoway, Orange, Patrick, Pittsylvania, Powhatan, Prince Edward, Prince George, Rappahannock, Richmond, Roanoke, Rockbridge, Rockingham, Scott, Shenandoah, Smyth, Southampton, Spotsylvania, Sussex, Warren, Washington, Westmoreland, Wythe

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	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
		AVERAGE	%	NUMBER	%	NUMBER	/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	WORKERS	MIGRANT WKERS	MIGRANT WKERS	MARRIED	MARRIED	NUMBER HSEHLDs	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	127	100.00%	127.00	0.00%	0.00	0.00	0.00	127
FOOD PROCESSING	0723 Crop Preparation	514	43.50%	223.59	32.90%	73.56	36.78	73.56	297
	5148 Fresh Fruits & Veggies Wholesale	527	43.50%	229.25	32.90%	75.42	37.71	75.42	305
	2033 Canned Fruits & Vegetables	875	43.50%	380.63	32.90%	125.23	62.61	125.23	506
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	706	87.00%	614.22	32.90%	202.08	101.04	202.08	816
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	40	87.00%	34.80	32.90%	11.45	5.72	11.45	46
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									,097
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									41,876

WASHINGTON	COL A		COL B		COL C		COL D		COL E		COL F		COL G		COL H		COL I		COL F + I	
	ACRES	HOURS	HOURS	WORK DAYS	SEASON WORK DAYS	COLUMNS (AxB)/(CxD) DFL	X (52.5%) MIGRANT WKRERS	X (50.2%) NUMBER MARRIED	NUMBER HSEHLD	X (2) NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS									
HARVEST																				
Apples	160,341	91.00	7.4	17.00	115,985.94	60,892.62	30,568.09	15,284.05	30,568.09	91,461										
Apricots	1,386	96.00	7.4	6.00	2,986.76	1,573.30	789.80	394.90	789.80	2,363										
Asparagus	29,700	84.00	7.4	29.00	11,625.35	6,103.31	3,063.86	1,531.93	3,063.86	9,167										
Blackberries	114	60.00	7.4	37.00	24.98	13.12	6.58	3.29	6.58	20										
Broccoli	593	98.00	7.4	61.00	128.74	67.59	33.93	16.96	33.93	102										
Cantaloups	187	60.00	7.4	36.00	42.12	22.11	11.10	5.55	11.10	33										
Cauliflower	2,042	94.00	7.4	62.00	418.37	219.64	110.26	55.13	110.26	330										
Cucumbers & Pickles	1,568	110.00	7.4	67.00	347.88	182.64	91.68	45.84	91.68	274										
Filberts & Hazelnuts	271	45.00	7.4	6.00	274.66	144.20	72.39	36.19	72.39	217										
Green Onions	298	220.00	7.4	51.00	173.71	91.20	45.78	22.89	45.78	137										
Head Cabbage	832	90.00	7.4	54.00	187.39	98.38	49.39	24.69	49.39	148										
Hops	28,200	51.00	7.4	37.00	5,252.74	2,757.69	1,384.36	692.18	1,384.36	4,142										
Hot Peppers	30	272.00	7.4	73.00	15.11	7.93	3.98	1.99	3.98	12										
Irish Potatoes	140,100	11.00	7.4	72.00	2,892.45	1,518.54	762.31	381.15	762.31	2,281										
Lettuce & Romaine	1,253	107.00	7.4	53.00	341.84	179.47	90.09	45.05	90.09	270										
Mint for Oil	15,097	4.00	7.4	31.00	263.24	138.20	69.38	34.69	69.38	208										
Nectarines	1,392	38.00	7.4	92.00	77.70	40.79	20.48	10.24	20.48	61										
Peaches	3,062	73.00	7.4	12.00	2,517.18	1,321.52	663.40	331.70	663.40	1,985										
Pears	25,145	76.00	7.4	16.00	16,140.37	8,473.70	4,253.79	2,126.90	4,253.79	12,727										
Plums & Prunes	2,225	34.00	7.4	11.00	929.36	487.91	244.93	122.47	244.93	733										
Pumpkins	375	22.00	7.4	53.00	21.04	11.04	5.54	2.77	5.54	17										
Spinach	475	218.00	7.4	14.00	999.52	524.75	263.42	131.71	263.42	788										
Squash	890	110.00	7.4	30.00	440.99	231.52	116.22	58.11	116.22	348										
Strawberries	2,509	556.00	7.4	11.00	17,137.64	8,997.26	4,516.63	2,258.31	4,516.63	13,514										
Sweet Cherries	15,258	218.00	7.4	11.00	40,862.95	21,453.05	10,769.43	5,384.72	10,769.43	32,222										
Sweet Corn	36,768	37.00	7.4	43.00	4,275.35	2,244.56	1,126.77	563.38	1,126.77	3,371										
Sweet Peppers	317	128.00	7.4	57.00	96.20	50.50	25.35	12.68	25.35	76										
Tame Blueberries	650	106.00	7.4	51.00	182.56	95.85	48.11	24.06	48.11	144										
Tomatoes	440	280.00	7.4	59.00	282.18	148.14	74.37	37.18	74.37	223										
Turnips	59	26.00	7.4	36.00	5.76	3.02	1.52	0.76	1.52	5										
Watermelons	500	53.00	7.4	46.00	77.85	40.87	20.52	10.26	20.52	61										
PREHARVEST																				
Carrots	4,148	10.00	7.4	31.00	180.82	94.93	47.65	23.83	47.65	143										
Grapes (with shears)	13,397	16.00	7.4	42.00	689.68	362.08	181.76	90.88	181.76	544										
Grapes (without shears)	13,397	32.00	7.4	42.00	1,379.36	724.16	363.53	181.76	363.53	1,086										

WASHINGTON continued										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (52.5%)	X (50.2%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(CxD) DFL	MIGRANT WKERS	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
Green Lima Beans	3,694	9.00	7.4	24.00	187.20	98.28	49.34	24.67	49.34	148
DIVERSIFIED CROPS										
Cranberries (Dry)	25	24.00	7.4	22.00	3.69	1.93	0.97	0.49	0.97	3
Cranberries (Wet)	220	12.00	7.4	22.00	16.22	8.51	4.27	2.14	4.27	13
Dry Onions	4,860	181.00	7.4	33.00	3,204.18	1,682.19	844.46	422.23	844.46	2,527
Raspberries	420	135.00	7.4	22.00	348.28	182.85	91.79	45.89	91.79	275
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										182,177
10% of the cranberry crop is dry harvested at 24 hours/acre; 90% of the crop is wet harvested at 12 hours/acre. Only 60% of dry onion acres are hand topped. The acreage reported is reduced accordingly. Only 15% of raspberry acres are included. The rest are mechanized.										
COUNTIES INCLUDED IN ESTIMATE:				All Washington counties are included EXCEPT Asotin and Ferry.						

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	4,606	100.00%	4,606.00	0.00%	0.00	0.00	0.00	4,606
FOOD PROCESSING	0723 Crop Preparation	2,254	26.30%	592.80	50.20%	297.59	148.79	297.59	890
	5148 Fresh Fruits & Veggies Wholesale	3,901	26.30%	1,025.96	50.20%	515.03	257.52	515.03	1,541
	2033 Canned Fruits & Vegetables	2,278	26.30%	599.11	50.20%	300.76	150.38	300.76	900
	2037 Frozen Fruits & Vegetables	3,000	26.30%	789.00	50.20%	396.08	198.04	396.08	1,185
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	2,437	52.50%	1,279.43	50.20%	642.27	321.14	642.27	1,922
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	274	52.50%	143.85	50.20%	72.21	36.11	72.21	216
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									11,260
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									193,437

WEST VIRGINIA										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
				SEASON	COLUMNS	X (92.4%)	X (32.9%)	/ (2)	X (2)	MIGRANT
			WORK	WORK	(AxB)/(CxD)	MIGRANT	NUMBER	NUMBER	NUMBER	WKERS PLUS
CROP	ACRES	HOURS	HOURS	DAYS	DFL	WKERS	MARRIED	HSEHLDS	DEPENDTS	DEPENDTS
HARVEST										
Apples	14,304	91.00	7.4	32.14	5,472.46	5,058.55	1,663.61	831.80	1,663.61	6,720
Berries	38	172.00	7.4	27.14	32.54	30.07	9.89	4.95	9.89	40
Cantaloups	17	60.00	7.4	24.29	5.68	5.24	1.73	0.86	1.73	7
Cherries	48	202.00	7.4	10.00	131.03	121.07	39.83	19.92	39.83	161
Irish Potatoes	101	11.00	7.4	32.86	4.57	4.22	1.39	0.69	1.39	6
Kiwi Fruit	13	175.00	7.4	21.43	14.35	13.26	4.38	2.18	4.36	18
Peaches	3,400	73.00	7.4	19.00	1,765.29	1,631.13	536.64	268.32	536.64	2,168
Pears	58	76.00	7.4	33.57	17.74	16.40	5.39	2.70	5.39	22
Pumpkins	9	22.00	7.4	17.86	1.50	1.38	0.48	0.23	0.46	3
Squash	2	110.00	7.4	61.43	0.48	0.45	0.15	0.07	0.15	1
Strawberries	38	558.00	7.4	25.00	114.21	105.53	34.72	17.36	34.72	
Sweet Corn	408	37.00	7.4	35.00	58.29	53.86	17.72	8.86	17.72	
Sweet Peppers	8	128.00	7.4	32.86	4.21	3.89	1.28	0.64	1.28	
Tomatoes	27	280.00	7.4	18.57	55.01	50.83	16.72	8.36	16.72	
PREHARVEST										
Grapes	63	40.00	7.4	30.00	11.35	10.49	3.45	1.73	3.45	
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										
Converted season length calculated at 8 hours/day, 4 days/week. Source: conversation with peach grower, reported by West Virginia Legal Services. (Work Hours remained at 7.4 for calculation purposes, in accordance with the national average.)										
COUNTIES INCLUDED IN ESTIMATE:										
Berkeley, Hampshire, Hancock, Jefferson, Morgan										

WEST VIRGINIA continued									
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	
	AVERAGE	%	NUMBER	MIGRANT	WKRERS	WKRERS	WKRERS	WKRERS PLUS	DEPENDTS
SUBGROUP	SIC CODE	WORKERS	WKRERS	MIGRANT	%	MARRIED	MARRIED	HSEHLD	DEPENDTS
			NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
			X (2)	/ (2)	X (2)	X (2)	X (2)	X (2)	X (2)
FORESTRY	0651 Forestry Services	28	100.00%	28.00	0.00%	0.00	0.00	0.00	28
FOOD PROCESSING	0723 Crop Preparation	0	0.00	0.00	0.00	0.00	0.00	0.00	0
	5148 Fresh Fruits & Veggies, Wholesale	148	46.20%	68.38	32.90%	22.50	11.25	22.50	91
	2033 Canned Fruits & Vegetables	0	0.00	0.00	0.00	0.00	0.00	0.00	0
	2037 Frozen Fruits & Vegetables	0	0.00	0.00	0.00	0.00	0.00	0.00	0
COTTON GINNING	0724 Cotton Ginning & Pickery	0	0.00	0.00	0.00	0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	111	92.40%	102.56	32.90%	33.74	16.87	33.74	136
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0	0.00	0.00	0.00	0.00	0.00	0.00	0
	TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS								255
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									
									9,697

WISCONSIN										
COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I	
ACRES	HOURS	WORK HOURS	SEASON WORK DAYS	COLUMNS (AxB)/(Cx D) DFL	X (89.0%) MIGRANT WKRERS	X (56.0%) NUMBER MARRIED	/ (2) NUMBER HSEHLD	X (2) NUMBER DEPENDTS	MIGRANT WKRERS PLUS DEPENDTS	
CROP										
HARVEST										
Apples	5,710	91.00	7.4	28.00	2,507.77	1,249.87	624.94	1,249.87	3,482	
Broccoli	12	98.00	7.4	43.00	3.70	1.84	0.92	1.84	5	
Cantaloups	186	60.00	7.4	19.00	79.37	39.56	19.78	39.56	110	
Cherries (Not specified)	37	159.00	7.4	9.00	88.33	44.03	22.01	44.03	123	
Cucumbers & Pickles	3,450	110.00	7.4	26.00	1,972.45	983.07	491.54	983.07	2,739	
Head Cabbage	6,112	90.00	7.4	37.00	2,009.06	1,001.31	500.66	1,001.31	2,789	
Irish Potatoes	42,600	11.00	7.4	83.00	762.94	380.25	190.13	380.25	1,059	
Mint for Oil	10,123	4.00	7.4	22.00	248.72	123.96	61.98	123.96	345	
Squash	159	110.00	7.4	21.00	112.55	56.09	28.05	56.09	156	
Sweet Cherries	49	218.00	7.4	11.00	131.23	65.40	32.70	65.40	182	
Sweet Peppers	380	128.00	7.4	44.00	149.39	74.45	37.23	74.45	207	
Tomatoes	125	280.00	7.4	42.00	112.61	56.13	28.06	56.13	156	
Watermelons	45	53.00	7.4	29.00	11.11	9.89	2.77	9.89	15	
PREHARVEST										
Carrots	1,005	10.00	7.4	22.00	61.73	30.77	15.38	30.77	86	
Grapes	44	40.00	7.4	86.00	2.77	1.38	0.69	1.38	4	
Green Lima Beans	950	9.00	7.4	24.00	48.14	23.99	12.00	23.99	67	
Tart Cherries	3,681	13.00	7.4	40.00	161.67	80.57	40.29	80.57	224	
DIVERSIFIED CROPS										
Dry Onions	115	161.00	7.4	41.00	61.03	30.41	15.21	30.41	85	
Tobacco (Burley)	3,486	65.00	7.4	27.00	1,134.08	565.23	282.61	565.23	1,575	
					% MIG (100%)					
Corn Detassling	36,241	(36,241 acres/71.6 workers)	7.4	21.00	506.00	283.38	141.88	283.38	789	
Soybeans	11,369	2.00	7.4	21.00	146.32	81.94	40.97	81.94	228	
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										
14,428										

Half of dry onion acres are mechanized.
1.3% of 2,787,734 seed corn acres are worked by migrants. Indiana data indicate an average of 71.6 seed corn acres are worked by one laborer.
Only an average of 6.93% soybean acres are worked by migrants. Source: survey by Minn. and North Dakota Legal Services.

WISCONSIN continued

COUNTIES INCLUDED IN ESTIMATE:

Adams, Brown, Calumet, Columbia, Crawford, Dane, Dodge, Door, Eau Claire, Green Lake, Jackson, Jefferson, Juneau, Kenosha, Marathon, Marinette, Marquette, Milwaukee, Monroe, Oconto, Outagamie, Ozaukee, Portage, Racine, Sheboygan, Vilas, Walworth, Waukesha, Waupaca, Waushara, Winnebago, Wood

	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H
			%	NUMBER			/ (2)	X (2)	MIGRANT
SUBGROUP	SIC CODE	AVERAGE WORKERS	MIGRANT WKERS	MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	WKERS PLUS DEPENDTS
FORESTRY	0851 Forestry Services	36	100.00%	36.00	0.00%	0.00	0.00	0.00	36
FOOD PROCESSING	0723 Crop Preparation	217	44.50%	96.57	56.00%	54.08	27.04	54.08	151
	5148 Fresh Fruits & Veggies Wholesale	159	44.50%	70.76	56.00%	39.62	19.81	39.62	110
	2033 Canned Fruits & Vegetables	10,830	44.50%	4,819.35	56.00%	2,698.84	1,349.42	2,698.84	7,518
	2037 Frozen Fruits & Vegetables	400	44.50%	178.00	56.00%	99.68	49.84	99.68	278
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	1,046	89.00%	930.94	56.00%	521.33	260.66	521.33	1,452
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	119	89.00%	105.91	56.00%	59.31	29.65	59.31	165
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									9,710
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)									24,138

WYOMING										
	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL I	COL F + I
			SEASON	WORK	COLUMNS	X (94.3%)	X (60.9%)	/ (2)	X (2)	MIGRANT
CROP	ACRES	HOURS	WORK HOURS	WORK DAYS	(AxB)/(Cx D)	MIGRANT WKERS	MARRIED	HSEHLDS	DEPENDTS	WKERS PLUS DEPENDTS
HARVEST										
Sweet Corn	12	37.00	7.4	30.00	2.00	1.89	1.15	0.57	1.15	3
	49,405	13.00	7.4	42.00	2,066.49	1,948.70	1,186.76	593.38	1,186.76	3,135
TOTAL MIGRANTS AND DEPENDENTS IN FIELD AGRICULTURE										3,138
COUNTIES INCLUDED IN ESTIMATE:										
Big Horn, Goshen, Hot Springs, Park, Platte, Washakie										

125

SUBGROUP	COL A	COL B	COL C	COL D	COL E	COL F	COL G	COL H	COL C + H	
	SIC CODE	AVERAGE WORKERS	% MIGRANT WKERS	NUMBER MIGRANT WKERS	% MARRIED	NUMBER MARRIED	NUMBER HSEHLDS	NUMBER DEPENDTS	NUMBER MIGRANT WKERS PLUS DEPENDTS	
FORESTRY	0851 Forestry Services	0	100.00%	0.00	0.00%	0.00	0.00	0.00	0	
FOOD PROCESSING	0723 Crop Preparation	0		0.00		0.00	0.00	0.00	0	
	5148 Fresh Fruits & Veggies Wholesale	0		0.00		0.00	0.00	0.00	0	
	2033 Canned Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
	2037 Frozen Fruits & Vegetables	0		0.00		0.00	0.00	0.00	0	
COTTON GINNING	0724 Cotton Ginning & Pickery	0		0.00		0.00	0.00	0.00	0	
NURSERY/GREENHOUSE	0181 Ornamental Floriculture & Nursery	106	94.30%	99.96	60.90%	60.87	30.44	60.87	161	
CROPS UNDER COVER	0182 Food Crops Grown Under Cover	0		0.00		0.00	0.00	0.00	0	
TOTAL MIGRANTS AND DEPENDENTS IN SUBGROUPS									161	
GRAND TOTAL MIGRANTS AND DEPENDENTS (FIELD AGRICULTURE AND SUBGROUPS)										3,299