

Appendix H

Socioeconomics Data

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3 This appendix includes detailed information that was used to assess changes in employment,
4 income, and tax revenues and that supports the analysis contained in Section 4.14
5 “Socioeconomics”. This includes information on Arizona agricultural cropping patterns; budgets
6 for crops included in the analysis; and a detailed breakdown of estimated changes in
7 employment, income, and tax revenues for each county, shortage amount, and year evaluated.

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1 **H.1 Irrigation Districts and Indian Communities**

2 Central Arizona Project Irrigation Districts and Indian Communities Included in the
3 Assessment of Effects on Arizona Agricultural Production.

4 By county, the CAP irrigation districts and Indian communities are:

- 5 ◆ Pinal: Maricopa-Stanfield Irrigation & Drainage District (MSIDD)
- 6 Central Arizona Irrigation and Drainage District (CAIDD)
- 7 San Carlos Irrigation and Drainage District (SCIDD)
- 8 Hohokam Irrigation and Drainage District (HIDD)
- 9 New Magma Irrigation and Drainage District (NMIDD)
- 10 Tohono O’odham Nation (TON) - Chuichu District
- 11 Gila River Indian Community (GRIC)
- 12 ◆ Maricopa: Queen Creek Irrigation District (QCIDD)
- 13 Harquahala Valley Irrigation District (HVDD)
- 14 Tonopah Irrigation District (TIDD)
- 15 Roosevelt Irrigation District (RID)
- 16 ◆ Pima: Tohono O’odham Nation
- 17 Schuk Toak District
- 18 San Xavier District

1 **H.2 Arizona Cropping Patterns**

Irrigation Districts	Cotton	Grains	Forage	Vegetables	Trees	Totals
MSIDD	27,862	18,154	8,711	3,106	3,886	61,719
CAIDD	28,546	22,823	2,957	3,116	2,281	59,723
HIDD	12,817	8,627	3,632	632	0	25,708
NMIDD	9,042	5,107	5,449	1,808	1,855	23,261
QCIDD	5,258	3,847	2,532	2,632	368	14,637
HVIDD	13,419	3,109	3,709	3,709	505	24,451
TIDD	2,453	22	546	0	0	3,021
Totals	99,397	61,689	27,536	15,003	8,895	212,520

2 **H.3 Crop Budgets for Arizona Counties**

3 **H.3.1 Partial Crop Budgeting and Impacts Upon Crop Selection due to Water**
 4 **Cost and Water Shortages**

5 This analysis is referred to as partial crop budgeting for two reasons. The first reason is that
 6 only total costs and returns are presented for each crop, with essentially no detail regarding
 7 the composition of the values. Secondly, as explained below, not all costs of production are
 8 taken into consideration; the emphasis is primarily on variable or cash costs. Partial crop
 9 budget tables are located at the end of this text.

10 Partial crop budgets were generated for upland cotton, alfalfa hay, and durum wheat. This
 11 analysis focuses on upland cotton, alfalfa hay, and durum wheat because these crops are
 12 historically the most sensitive to water costs. Such crops may be subject to elimination from
 13 a crop rotation as the cost and availability of irrigation water changes.

14 Theoretical economic production assumptions were applied in developing the partial budgets.
 15 The first assumption is that farmers will continue to produce a particular crop only as long as
 16 the returns from the crop cover all variable costs and contribute something toward fixed
 17 costs. For the partial crop budget analysis, the intent is to identify only the variable
 18 production costs or only those costs which a farmer in Arizona is assumed to include when
 19 making the decision whether to continue to produce a particular crop in the face of declining
 20 profitability. The goal of the partial crop budget analysis is to estimate a set of cost and return
 21 values that represent a typical farm although it is recognized that each farmer is faced with
 22 unique production costs, realized yields, and crop prices. The partial crop budgets provide
 23 what is assumed to be the average costs and returns faced by a range of farmers in the
 24 counties included in this analysis. The outcome provided by the partial budgets is
 25 identification of the cost of irrigation water at which farmers, on the average, would decide to
 26 fallow fields of a particular crop because the returns failed to cover the variable costs of

1 production. It is assumed that, if each farmer's production costs and prices were used, on the
2 average, the impacts would be similar to those resulting from this analysis.

3 University of Arizona 1998 crop enterprise budgets were used as the starting point for the
4 partial crop budget analysis. Costs of farming inputs (equipment maintenance, fertilizer
5 application, fuel, etc.) were adjusted to reflect 2005 costs using cost indices available from
6 the National Agricultural Statistics Service. Average commodity prices and yields over a
7 five-year period, from 2001 to 2005, were the basis for gross revenues. The total cash cost
8 for land preparation and growing expenses including irrigation water costs, and total harvest
9 and post-harvest costs developed by the University of Arizona were used in this analysis.
10 Costs which were specifically excluded from the analysis include farm pickup use costs for a
11 particular crop, taxes, housing, insurance on farm equipment, capital replacement on
12 machinery and vehicles, interest on equity in machinery and vehicles, property taxes,
13 opportunity interest on land, water assessment, returns to management, and profit.

14 The values derived are not indicative of the profitability of a particular crop. The values are
15 intended to represent a marginal analysis relative to farmers' growing decisions. For
16 example, the crop profitability decision value for wheat in Maricopa County is shown to be
17 \$59.55 per acre. The \$59.55 represents the revenues above variable expenses that contribute
18 to payment of fixed costs of the farming operation. To the \$59.55 is added the current
19 estimated irrigation water cost. Total estimated irrigation water cost plus the profitability
20 decision value is then divided by the af of water applied per acre to calculate the threshold
21 value. The threshold value for wheat in Maricopa County is \$23.96. The threshold value is
22 the maximum amount a farmer would pay for water to irrigate wheat. In this study, a farmer
23 is assumed not to consider all economic costs when deciding whether to grow a particular
24 crop. This assumption is based on historic agricultural production practices and decision
25 making in the Lower Basin States. In addition, the economic costs associated with total farm
26 production are unique to each farm operation. The values used in this analysis represent
27 average conditions for farms in the counties included in this study.

28 Tables H-3 through H-20 show the partial budgeting results. In summary, the estimated
29 maximum average amount a farmer would pay for irrigation water per af is shown in Table
30 H-2, below.

Crop	County	Max Amount Paid for Irrigation Water (\$/af)
Wheat	Pinal	\$25.84
	Maricopa	\$23.96
	Pima ¹	\$25.84
	La Paz	\$10.98
	Mojave	\$44.88
	Yuma	\$16.77

Table H-2
Estimated Maximum Average Amount a Farmer Would Pay for Irrigation Water

Crop	County	Max Amount Paid for Irrigation Water (\$/af)
Cotton	Pinal	\$70.48
	Maricopa	\$40.56
	Pima ¹	\$70.48
	La Paz	(\$42.23)
	Mojave	\$54.84
	Yuma	(\$46.43)
Alfalfa Hay	Pinal	\$66.55
	Maricopa	\$40.35
	Pima ¹	\$66.55
	La Paz	\$56.83
	Mojave	\$32.70
	Yuma	\$69.37

¹ Partial farm budget information not available for Pima County. Assumed maximum amount paid for irrigation water would be similar to that of Pinal County.

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2 The differences in the wheat estimates between counties are due mainly to yield differences
 3 and required water assumptions. For cotton, the differences in estimates between counties are
 4 also due to yield differences and required water assumptions. In Pinal County, the first crop
 5 projected to drop out of production is wheat, followed by alfalfa, and then cotton, given
 6 increasing irrigation water costs and assuming that all other variables remained unchanged.

Table H-3
Hay and Forage Production Profitability in Maricopa County—Partial Budget

	Total
Crops sales revenues—Alfalfa Hay (yield in tons = 8.3, price per ton = \$102.20)	\$850.30
Total cash growing costs (includes \$112.50 for irrigation water)	\$319.62
Cash harvest costs	\$207.97
Interest on operating costs at 10%	\$15.98
Total cash expenses	\$543.56
General and office overhead—5% of operating expenses	\$27.18
General farm maintenance—3% of operating expense	\$16.31
Share of stand establishment	\$73.13
Total variable costs	\$660.18
Crop returns over variable costs	\$190.13
Annual crop water use— 90 acre-inches or 7.50 af	
Returns to crop and water over variable costs	\$302.63
Maximum average amount a farmer would pay for irrigation water per af	\$40.35

Note: Dollar values are on a per acre basis. Information is for October 2006.

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Table H-4
Food and Feed Grain Production Profitability in Maricopa County—Partial Budget

	Total
Crops sales revenues—Durum Wheat (yield in pounds = 5,578, price per pound = \$0.071)	\$396.04
Total cash growing costs (includes \$8.33 for irrigation water)	\$220.70
Cash harvest costs	\$79.83
Interest on operating costs at 10%	\$11.03
Total cash expenses	\$311.57
General and office overhead—5% of operating expenses	\$15.58
General farm maintenance—3% of operating expense	\$9.35
Total variable costs	\$336.49
Crop returns over variable costs	\$59.55
Annual crop water use— 34 acre-inches or 2.83 af	
Returns to crop and water over variable costs	\$67.88
Maximum average amount a farmer would pay for irrigation water per af	\$23.96
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-5
Upland Cotton Production Profitability in Maricopa County—Partial Budget

	Total
Crops sales revenues—Cotton Lint (yield in pounds = 1,298, price per pound = \$0.636)	\$825.53
Crops sales revenues—Cottonseed (yield in tons = 1.14, price per ton = \$142.00)	\$161.88
Total revenues	\$987.41
Total cash growing costs (includes \$30.00 for irrigation water)	\$453.41
Cash harvest costs	\$275.07
Interest on operating costs at 10%	\$22.67
Total cash expenses	\$751.15
General and office overhead—5% of operating expenses	\$37.56
General farm maintenance—3% of operating expense	\$22.53
Total variable costs	\$811.24
Crop returns over variable costs	\$176.17
Annual crop water use— 61 acre-inches or 5.08 af	
Returns to crop and water over variable costs	\$206.17
Maximum average amount a farmer would pay for irrigation water per af	\$40.56
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-6
Hay and Forage Production Profitability in Pinal County—Partial Budget

	Total
Crops sales revenues—Alfalfa Hay (yield in tons = 8.86, price per ton = \$102.20)	\$905.49
(grazing = 250 hd, cents per hd = \$0.13)	\$32.50
Total revenues	\$937.99
Total cash growing costs (includes \$237.00 for irrigation water)	\$354.89
Cash harvest costs	\$231.87
Interest on operating costs at 10%	\$17.74
Total cash expenses	\$604.51
General and office overhead—5% of operating expenses	\$30.23
General farm maintenance—3% of operating expense	\$18.14
Share of stand establishment	\$84.22
Total variable costs	\$737.09
Crop returns over variable costs	\$200.90
Annual crop water use— 79 acre-inches or 6.58 af	
Returns to crop and water over variable costs	\$437.90
Maximum average amount a farmer would pay for irrigation water per af	\$66.55
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-7
Food and Feed Grain Production Profitability in Pinal County—Partial Budget

	Total
Crops sales revenues—Durum Wheat (yield in pounds = 5,812, price per pound = \$0.071)	\$412.65
Total cash growing costs (includes \$96.00 for irrigation water)	\$317.06
Cash harvest costs	\$74.26
Interest on operating costs at 10%	\$15.85
Total cash expenses	\$407.18
General and office overhead—5% of operating expenses	\$20.36
General farm maintenance—3% of operating expense	\$12.22
Total variable costs	\$439.75
Crop returns over variable costs	\$27.10
Annual crop water use— 32 acre-inches or 2.67 af	
Returns to crop and water over variable costs	\$68.90
Maximum average amount a farmer would pay for irrigation water per af	\$25.84
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-8
Upland Cotton Production Profitability in Pinal County—Partial Budget

	Total
Crops sales revenues—Cotton Lint (yield in pounds = 1,361, price per pound = \$0.636)	\$865.60
Crops sales revenues—Cottonseed (yield in tons = 1.2, price per ton = \$142.00)	\$170.40
Total revenues	\$1,036.00
Total cash growing costs (includes \$30.00 for irrigation water)	\$519.23
Cash harvest costs	\$280.94
Interest on operating costs at 10%	\$25.96
Total cash expenses	\$826.13
General and office overhead—5% of operating expenses	\$41.31
General farm maintenance—3% of operating expense	\$24.78
Total variable costs	\$892.22
Crop returns over variable costs	\$143.78
Annual crop water use— 49 acre-inches or 4.08 af	
Returns to crop and water over variable costs	\$287.78
Maximum average amount a farmer would pay for irrigation water per af	\$70.48
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-9
Hay and Forage Production Profitability in Cochise County—Partial Budget

	Total
Crops sales revenues—Alfalfa Hay (yield in tons = 7.84, price per ton = \$102.20)	\$801.25
(grazing = 250 hd, cents per hd = \$0.13)	\$32.50
Total revenues	\$833.75
Total cash growing costs (includes \$243.63 for irrigation water)	\$585.30
Cash harvest costs	\$102.67
Interest on operating costs at 10%	\$29.26
Total cash expenses	\$717.23
General and office overhead—5% of operating expenses	\$35.86
General farm maintenance—3% of operating expense	\$21.52
Share of stand establishment	\$84.22
Total variable costs	\$858.83
Crop returns over variable costs	(\$25.08)
Annual crop water use— 68 acre-inches or 5.67 af	
Returns to crop and water over variable costs	\$218.55
Maximum average amount a farmer would pay for irrigation water per af	\$38.57
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-10
Food and Feed Grain Production Profitability in Cochise County—Partial Budget

	Total
Crops sales revenues—Durum Wheat (yield in pounds = 6,210, price per pound = \$0.071)	\$440.91
Total cash growing costs (includes \$107.04 for irrigation water)	\$427.90
Cash harvest costs	\$68.57
Interest on operating costs at 10%	\$21.39
Total cash expenses	\$517.87
General and office overhead—5% of operating expenses	\$25.89
General farm maintenance—3% of operating expense	\$15.54
Total variable costs	\$559.29
Crop returns over variable costs	\$118.38
Annual crop water use— 28 acre-inches or 2.33 af	
Returns to crop and water over variable costs	\$11.34
Maximum average amount a farmer would pay for irrigation water per af	\$4.86
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-11
Upland Cotton Production Profitability in Cochise County—Partial Budget

	Total
Crops sales revenues—Cotton Lint (yield in pounds = 1,032, price per pound = \$0.636)	\$656.35
Crops sales revenues—Cottonseed (yield in tons = 0.91, price per ton = \$142.00)	\$129.22
Total revenues	\$785.57
Total cash growing costs (includes \$132.57 for irrigation water)	\$527.74
Cash harvest costs	\$183.44
Interest on operating costs at 10%	\$26.39
Total cash expenses	\$737.57
General and office overhead—5% of operating expenses	\$36.88
General farm maintenance—3% of operating expense	\$22.13
Total variable costs	\$796.57
Crop returns over variable costs	(\$11.00)
Annual crop water use— 37 acre-inches or 3.08 af	
Returns to crop and water over variable costs	\$121.57
Maximum average amount a farmer would pay for irrigation water per af	\$39.43
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-12
Hay and Forage Production Profitability in La Paz County—Partial Budget

	Total
Crops sales revenues—Alfalfa Hay (yield in tons = 7.9, price per ton = \$102.20)	\$804.31
(grazing = 250 hd, cents per hd = \$0.13)	\$32.50
Total revenues	\$836.81
Total cash growing costs (includes \$243.63 for irrigation water)	\$187.67
Cash harvest costs	\$171.67
Interest on operating costs at 10%	\$9.38
Total cash expenses	\$368.73
General and office overhead—5% of operating expenses	\$18.44
General farm maintenance—3% of operating expense	\$11.06
Share of stand establishment	\$84.22
Total variable costs	\$482.44
Crop returns over variable costs	\$354.37
Annual crop water use— 79 acre-inches or 6.58 af	
Returns to crop and water over variable costs	\$374.16
Maximum average amount a farmer would pay for irrigation water per af	\$56.83
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-13
Food and Feed Grain Production Profitability in La Paz County—Partial Budget

	Total
Crops sales revenues—Durum Wheat (yield in pounds = 5,642, price per pound = \$0.071)	\$400.58
Total cash growing costs (includes \$0 for irrigation water)	\$266.05
Cash harvest costs	\$61.90
Interest on operating costs at 10%	\$13.30
Total cash expenses	\$341.26
General and office overhead—5% of operating expenses	\$17.06
General farm maintenance—3% of operating expense	\$10.24
Total variable costs	\$268.56
Crop returns over variable costs	\$32.03
Annual crop water use— 35 acre-inches or 2.92 af	
Returns to crop and water over variable costs	\$32.03
Maximum average amount a farmer would pay for irrigation water per af	\$10.98
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-15
Hay and Forage Production Profitability in Yuma County—Partial Budget

	Total
Crops sales revenues—Alfalfa Hay (yield in tons = 9.1, price per ton = \$102.20)	\$933.09
(grazing = 250 hd, cents per hd = \$0.13)	\$32.50
Total revenues	\$965.59
Total cash growing costs (includes \$25.83 for irrigation water)	\$153.29
Cash harvest costs	\$224.07
Interest on operating costs at 10%	\$7.66
Total cash expenses	\$385.02
General and office overhead—5% of operating expenses	\$19.25
General farm maintenance—3% of operating expense	\$11.55
Share of stand establishment	\$84.22
Total variable costs	\$500.04
Crop returns over variable costs	\$465.54
Annual crop water use— 85 acre-inches or 7.08 af	
Returns to crop and water over variable costs	\$491.37
Maximum average amount a farmer would pay for irrigation water per af	\$69.37
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-16
Food and Feed Grain Production Profitability in Yuma County—Partial Budget

	Total
Crops sales revenues—Durum Wheat (yield in pounds = 5,976, price per pound = \$0.071)	\$424.30
Total cash growing costs (includes \$0 for irrigation water)	\$246.97
Cash harvest costs	\$83.09
Interest on operating costs at 10%	\$12.35
Total cash expenses	\$342.41
General and office overhead—5% of operating expenses	\$17.12
General farm maintenance—3% of operating expense	\$10.27
Total variable costs	\$369.80
Crop returns over variable costs	\$54.49
Annual crop water use— 39 acre-inches or 3.25 af	
Returns to crop and water over variable costs	\$54.49
Maximum average amount a farmer would pay for irrigation water per af	\$16.77
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-17
Upland Cotton Production Profitability in Yuma County—Partial Budget

	Total
Crops sales revenues—Cotton Lint (yield in pounds = 1,286, price per pound = \$0.636)	\$817.90
Crops sales revenues—Cottonseed (yield in tons = 1.13, price per ton = \$142.00)	\$160.46
Total revenues	\$978.36
Total cash growing costs (includes \$0 for irrigation water)	\$684.90
Cash harvest costs	\$337.21
Interest on operating costs at 10%	\$34.24
Total cash expenses	\$1056.35
General and office overhead—5% of operating expenses	\$52.82
General farm maintenance—3% of operating expense	\$31.69
Total variable costs	\$1,140.85
Crop returns over variable costs	(\$162.50)
Annual crop water use— 42 acre-inches or 3.50 af	
Returns to crop and water over variable costs	(\$162.50)
Maximum average amount a farmer would pay for irrigation water per af	(\$46.43)
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-18
Hay and Forage Production Profitability in Mohave County—Partial Budget

	Total
Crops sales revenues—Alfalfa Hay (yield in tons = 7.9, price per ton = \$102.20)	\$804.31
(grazing = 200 hd, cents per hd = \$0.13)	\$26.00
Total revenues	\$830.31
Total cash growing costs (includes \$21.33 for irrigation water)	\$307.84
Cash harvest costs	\$172.90
Interest on operating costs at 10%	\$15.39
Total cash expenses	\$496.13
General and office overhead—5% of operating expenses	\$24.81
General farm maintenance—3% of operating expense	\$14.88
Share of stand establishment	\$84.22
Total variable costs	\$620.04
Crop returns over variable costs	\$210.27
Annual crop water use— 85 acre-inches or 7.08 af	
Returns to crop and water over variable costs	\$231.60
Maximum average amount a farmer would pay for irrigation water per af	\$32.70
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-19
Food and Feed Grain Production Profitability in Mohave County—Partial Budget

	Total
Crops sales revenues—Durum Wheat (yield in pounds = 5,642, price per pound = \$0.071)	\$400.58
Total cash growing costs (includes \$10.46 for irrigation water)	\$185.19
Cash harvest costs	\$51.09
Interest on operating costs at 10%	\$9.26
Total cash expenses	\$245.54
General and office overhead—5% of operating expenses	\$12.28
General farm maintenance—3% of operating expense	\$7.37
Total variable costs	\$265.18
Crop returns over variable costs	\$135.40
Annual crop water use— 39 acre-inches or 3.25 af	
Returns to crop and water over variable costs	\$145.86
Maximum average amount a farmer would pay for irrigation water per af	\$44.88
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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Table H-20
Upland Cotton Production Profitability in Mohave County—Partial Budget

	Total
Crops sales revenues—Cotton Lint (yield in pounds = 1,354, price per pound = \$0.636)	\$861.14
Crops sales revenues—Cottonseed (yield in tons = 1.19, price per ton = \$142.00)	\$168.98
Total revenues	\$1,030.12
Total cash growing costs (includes \$15.06 for irrigation water)	\$441.54
Cash harvest costs	\$250.24
Interest on operating costs at 10%	\$22.08
Total cash expenses	\$713.85
General and office overhead—5% of operating expenses	\$35.69
General farm maintenance—3% of operating expense	\$21.42
Total variable costs	\$770.96
Crop returns over variable costs	\$259.16
Annual crop water use— 60 acre-inches or 5.00 af	
Returns to crop and water over variable costs	\$274.22
Maximum average amount a farmer would pay for irrigation water per af	\$54.84
Note: Dollar values are on a per acre basis. Information is for October 2006.	

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H.4 County Level Changes in Employment and Personal Income

H.4.1 Summary Table

Table H-21
Estimated Changes in Employment as a Result of Shortages to
Non-Indian Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
400,000	(526.9)	(168.0)	- ¹	-	-
500,000	(47.1)	(46.7)	(111.8)	(41.5)	(49.2)
600,000	(59.7)	(59.5)	(59.7)	(61.6)	(62.4)
800,000	(87.5)	(87.2)	(87.8)	(90.3)	(91.3)
1,000,000	(271.3)	(111.7)	(112.0)	(114.1)	(107.7)
1,200,000	-	-	(134.0)	(137.1)	(137.5)
1,800,000	-	(239.6)	(240.6)	(179.9)	(219.7)
2,500,000	-	-	(533.8)	-	-

Note: ⁽¹⁾ "-" indicates no shortage occurring.

Table H-22
Estimated Changes in Personal Income as a Result of Shortages to
Non-Indian Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
400,000	(21,017,759)	(4,963,670)	-	-	-
500,000	(1,331,323)	(1,333,635)	(3,245,248)	(1,050,702)	(1,383,456)
600,000	(1,637,503)	(1,648,493)	(1,655,837)	(1,696,714)	(1,708,852)
800,000	(2,345,847)	(2,362,478)	(2,372,533)	(2,429,973)	(2,446,125)
1,000,000	(7,989,042)	(3,050,150)	(3,061,767)	(2,268,426)	(2,994,889)
1,200,000	-	-	(3,777,330)	(3,873,907)	(3,917,884)
1,800,000	-	(6,704,853)	(6,728,486)	(6,950,566)	(6,519,349)
2,500,000	-	-	(12,963,221)	-	-

Table H-23
Estimated Changes in Employment as a Result of Shortages to
Indian Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
400,000	(7.1)	(148.0)	-	-	-
500,000	(29.8)	(224.8)	(249.0)	(179.4)	(304.8)
600,000	(154.8)	(204.1)	(235.2)	(290.8)	(325.2)

Table H-23
 Estimated Changes in Employment as a Result of Shortages to
 Indian Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
800,000	(272.4)	(339.9)	(362.1)	(363.7)	(483.1)
1,000,000	(323.4)	(410.5)	(457.3)	(457.2)	(524.4)
1,200,000	-	-	(580.8)	(577.7)	(559.7)
1,800,000	-	(790.6)	(898.1)	(886.0)	(944.5)
2,500,000	-	-	(385.3)	-	-

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Table H-24
 Estimated Changes in Personal Income as a Result of Shortages to
 Indian Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
400,000	(162,640)	(3,815,682)	-	-	-
500,000	(610,510)	(6,079,360)	(6,855,157)	(4,662,385)	(9,159,432)
600,000	(3,347,690)	(6,007,816)	(7,213,788)	(8,502,279)	(9,867,649)
800,000	(7,008,795)	(10,434,090)	(10,063,182)	(11,756,529)	(16,772,539)
1,000,000	(9,641,094)	(14,100,960)	(16,168,483)	(16,152,867)	(18,803,150)
1,200,000	-	-	(21,505,787)	(21,343,879)	(23,972,184)
1,800,000	-	(30,522,085)	(35,237,258)	(34,690,039)	(36,386,782)
2,500,000	-	-	(17,465,930)	-	-

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Table H-25
 Estimated Changes in Employment as a Result of Shortages to
 Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
400,000	(534.0)	(316.0)	-	-	-
500,000	(76.9)	(271.5)	(360.8)	(220.9)	(354.0)
600,000	(214.5)	(263.6)	(294.9)	(352.4)	(387.6)
800,000	(359.9)	(427.1)	(449.9)	(454.0)	(574.4)
1,000,000	(594.7)	(522.2)	(569.3)	(571.3)	(632.1)
1,200,000	-	-	(714.8)	(714.8)	(697.2)
1,800,000	-	(1,030.2)	(1,138.7)	(1,065.9)	(1,164.2)
2,500,000	-	-	(919.1)	-	-

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Table H-26
Estimated Changes in Personal Income as a Result of Shortages to
Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
400,000	(21,180,399)	(8,779,352)	-	-	-
500,000	(1,941,833)	(7,412,995)	(10,100,405)	(5,713,087)	(10,542,888)
600,000	(4,985,193)	(7,656,309)	(8,869,625)	(10,198,993)	(11,576,501)
800,000	(9,354,642)	(12,796,568)	(12,435,715)	(14,186,502)	(19,218,664)
1,000,000	(17,630,136)	(17,151,110)	(19,230,250)	(18,421,293)	(21,798,039)
1,200,000	-	-	(25,283,117)	(25,217,786)	(27,890,068)
1,800,000	-	(37,226,938)	(41,965,744)	(41,640,605)	(42,906,131)
2,500,000	-	-	(30,429,151)	-	-

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H.4.2 2017 Tables

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Table H-27
Estimated Change In Employment and Income as a Result of a
400,000 af shortage to Non-Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(108.3)	(49.7)	(158.0)	(3,101,689)	(1,778,334)	(4,880,023)
Pinal	(168.0)	(166.6)	(334.7)	(9,811,282)	(5,312,141)	(15,123,423)
Mohave	(7.0)	(3.3)	(10.3)	(280,882)	(99,347)	(380,229)
La Paz	(6.1)	(3.2)	(9.4)	(191,206)	(72,685)	(263,892)
Yuma	(8.4)	(6.1)	(14.5)	(210,015)	(160,177)	(370,192)
Total			(526.9)			(21,017,759)

4

Table H-28
Estimated Change In Employment and Income as a Result of a
500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(11.3)	(4.1)	(15.4)	(343,917)	(122,296)	(466,213)
La Paz	(7.7)	(4.0)	(11.7)	(238,999)	(90,853)	(329,852)
Yuma	(10.2)	(9.8)	(20.0)	(284,031)	(251,227)	(535,258)
Total			(47.1)			(1,331,323)

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Table H-29
 Estimated Change In Employment and Income as a Result of a
 600,000 af shortage to Non-Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(15.6)	(4.9)	(20.5)	(406,988)	(145,258)	(552,246)
La Paz	(9.2)	(4.9)	(14.1)	(286,791)	(109,021)	(395,812)
Yuma	(11.8)	(13.3)	(25.1)	(353,170)	(336,275)	(689,445)
Total			(59.7)			(1,637,503)

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Table H-30
 Estimated Change In Employment and Income as a Result of a
 800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(24.2)	(6.5)	(30.7)	(533,094)	(191,168)	(724,262)
La Paz	(11.7)	(9.3)	(21.0)	(407,739)	(202,256)	(609,995)
Yuma	(15.3)	(20.6)	(35.8)	(497,622)	(513,968)	(1,011,590)
Total			(87.5)			(2,345,847)

3

Table H-31
 Estimated Change In Employment and Income as a Result of a
 1,000,000 af shortage to Non-Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(108.6)	(49.9)	(158.5)	(3,115,126)	(1,786,783)	(4,901,910)
Pinal	-	-	-	-	-	-
Mohave	(31.6)	(8.7)	(40.3)	(698,739)	(255,697)	(954,435)
La Paz	(13.8)	(15.2)	(29.0)	(540,297)	(321,637)	(861,934)
Yuma	(17.8)	(25.7)	(43.5)	(627,805)	(642,957)	(1,270,763)
Total			(271.3)			(7,989,042)

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Table H-32
 Estimated Change In Employment and Income as a Result of a
 1,200,000 af shortage to Non-Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

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Table H-33
 Estimated Change In Employment and Income as a Result of a
 1,800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

2

Table H-34
 Estimated Change In Employment and Income as a Result of a
 2,500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

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Table H-35
Estimated Change In Employment and Income as a Result of a
400,000 of Shortage to Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa						
Pinal	(0.3)	(0.2)	(0.4)	(9,313)	(3,726)	(13,039)
Pima	(2.9)	(0.5)	(3.5)	(43,533)	(19,130)	(62,663)
Mohave	–	–	–	–	–	–
La Paz	(1.6)	(0.9)	(2.5)	(50,222)	(19,092)	(69,314)
Yuma	(0.5)	(0.2)	(0.7)	(11,020)	(6,604)	(17,624)
Graham	–	–	–	–	–	–
Total			(7.1)			(162,640)

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Table H-36
Estimated Change In Employment and Income as a Result of a
500,000 of Shortage to Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	–	–	–	–	–	–
Pinal	(1.8)	(0.8)	(2.6)	(61,795)	(24,718)	(86,513)
Pima	(19.5)	(3.7)	(23.2)	(288,526)	(126,785)	(415,310)
Mohave	–	–	–	–	–	–
La Paz	(2.0)	(1.1)	(3.1)	(62,778)	(23,864)	(86,643)
Yuma	(0.6)	(0.3)	(0.9)	(13,783)	(8,260)	(22,044)
Graham	–	–	–	–	–	–
Total			(29.8)			(610,510)

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Table H-37
Estimated Change In Employment and Income as a Result of a
600,000 of Shortage to Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(88.7)	(23.8)	(112.5)	(1,588,285)	(872,792)	(2,461,076)
Pinal	(3.5)	(1.5)	(5.0)	(118,640)	(47,455)	(166,096)
Pima	(26.9)	(5.1)	(32.0)	(397,337)	(174,599)	(571,936)
Mohave	–	–	–	–	–	–
La Paz	(2.3)	(1.8)	(4.1)	(79,608)	(38,262)	(117,870)
Yuma	(0.7)	(0.5)	(1.2)	(17,758)	(12,954)	(30,712)
Graham	–	–	–	–	–	–
Total			(154.8)			(3,347,690)

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Table H-38
Estimated Change In Employment and Income as a Result of a
800,000 af Shortage to Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(99.8)	(26.7)	(126.5)	(1,787,165)	(982,079)	(2,769,244)
Pinal	(48.5)	(20.3)	(68.8)	(1,626,270)	(650,499)	(2,276,769)
Pima	(42.8)	(10.3)	(53.1)	(804,880)	(349,025)	(1,153,905)
Mohave	–	–	–	–	–	–
La Paz	(2.9)	(3.3)	(6.2)	(114,451)	(69,641)	(184,092)
Yuma	(0.9)	(0.9)	(1.8)	(26,134)	(23,257)	(49,390)
Graham	(11.0)	(5.0)	(16.0)	(450,369)	(125,026)	(575,395)
Total			(272.4)			(7,008,795)

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Table H-39
Estimated Change In Employment and Income as a Result of a
1,000,000 af Shortage to Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(94.2)	(25.2)	(119.5)	(1,687,854)	(927,506)	(2,615,360)
Pinal	(73.2)	(37.1)	(110.3)	(3,068,969)	(1,196,272)	(4,265,241)
Pima	(47.3)	(13.5)	(60.9)	(1,068,924)	(459,691)	(1,528,615)
Mohave	–	–	–	–	–	–
La Paz	(3.5)	(4.9)	(8.3)	(149,275)	(101,004)	(250,279)
Yuma	(1.1)	(1.4)	(2.5)	(34,456)	(33,494)	(67,951)
Graham	(14.0)	(7.9)	(21.9)	(714,849)	(198,826)	(913,648)
Total			(323.4)			(9,641,094)

2

Table H-40
Estimated Change In Employment and Income as a Result of a
1,200,000 af Shortage to Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	–	–	–	–	–	–
Pinal	–	–	–	–	–	–
Pima	–	–	–	–	–	–
Mohave	–	–	–	–	–	–
La Paz	–	–	–	–	–	–
Yuma	–	–	–	–	–	–
Graham	–	–	–	–	–	–
Total			–			–

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Table H-41
 Estimated Change In Employment and Income as a Result of a
 1,800,000 af Shortage to Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Graham	-	-	-	-	-	-
Total			-			-

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Table H-42
 Estimated Change In Employment and Income as a Result of a
 2,500,000 af Shortage to Indian Agricultural Lands in Arizona—2017

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Graham	-	-	-	-	-	-
Total			-			-

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H.4.3 2026 Tables

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Table H-43
 Estimated Change In Employment and Income as a Result of a
 400,000 af shortage to Non-Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(34.6)	(9.3)	(43.9)	(620,264)	(340,846)	(961,110)
Pinal	(63.6)	(26.6)	(90.2)	(2,131,330)	(852,521)	(2,983,851)
Mohave	(6.2)	(3.2)	(9.4)	(269,892)	(95,346)	(365,238)
La Paz	(6.2)	(3.2)	(9.4)	(192,016)	(72,994)	(265,010)
Yuma	(8.6)	(6.5)	(15.1)	(218,207)	(170,254)	(388,461)
Total			(168.0)			(4,963,670)

Table H-44
Estimated Change In Employment and Income as a Result of a
500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(10.4)	(3.9)	(14.3)	(330,197)	(117,301)	(447,498)
La Paz	(7.7)	(4.0)	(11.8)	(239,993)	(91,231)	(331,224)
Yuma	(10.4)	(10.2)	(20.6)	(292,845)	(262,068)	(554,913)
Total			(46.7)			(1,333,635)

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Table H-45
Estimated Change In Employment and Income as a Result of a
600,000 af shortage to Non-Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(14.5)	(4.7)	(19.2)	(390,503)	(139,256)	(529,758)
La Paz	(9.2)	(4.9)	(14.1)	(288,006)	(109,483)	(397,489)
Yuma	(12.2)	(14.0)	(26.2)	(367,430)	(353,816)	(721,246)
Total			(59.5)			(1,648,493)

2

Table H-46
Estimated Change In Employment and Income as a Result of a
800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(22.7)	(6.2)	(28.9)	(511,113)	(183,166)	(694,279)
La Paz	(11.7)	(9.4)	(21.1)	(409,934)	(204,234)	(614,168)
Yuma	(15.7)	(21.5)	(37.2)	(516,653)	(537,378)	(1,054,031)
Total			(87.2)			(2,362,478)

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Table H-47
 Estimated Change In Employment and Income as a Result of a
 1,000,000 af shortage to Non-Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(30.4)	(8.0)	(38.4)	(650,522)	(235,930)	(886,452)
La Paz	(13.9)	(15.3)	(29.2)	(543,054)	(324,120)	(867,175)
Yuma	(18.1)	(26.0)	(44.1)	(644,427)	(652,096)	(1,296,523)
Total			(111.7)			(3,050,150)

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Table H-48
 Estimated Change In Employment and Income as a Result of a
 1,200,000 af shortage to Non-Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

2

Table H-49
 Estimated Change In Employment and Income as a Result of a
 1,800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(49.8)	(18.9)	(68.8)	(1,416,064)	(549,790)	(1,965,853)
La Paz	(219.0)	(36.3)	(58.2)	(1,025,185)	(758,328)	(1,783,512)
Yuma	(64.3)	(48.3)	(112.6)	(1,682,915)	(1,272,573)	(2,955,488)
Total			(239.6)			(6,704,853)

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Table H-50
Estimated Change In Employment and Income as a Result of a
2,500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total	-	-	-	-	-	-

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Table H-51
Estimated Change In Employment and Income as a Result of a
400,000 af Shortage to Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(32.2)	(8.7)	(40.9)	(578,164)	(317,711)	(895,875)
Pinal	(36.0)	(15.0)	(51.0)	(1,204,778)	(481,905)	(1,686,683)
Pima	(42.7)	(10.2)	(52.9)	(799,258)	(346,668)	(1,145,927)
Mohave	-	-	-	-	-	-
La Paz	(1.6)	(0.9)	(2.5)	(50,370)	(19,147)	(69,517)
Yuma	(0.5)	(0.2)	(0.7)	(11,055)	(6,625)	(17,680)
Graham	-	-	-	-	-	-
Total			(148.0)			(3,815,682)

3

Table H-52
Estimated Change In Employment and Income as a Result of a
500,000 af Shortage to Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(55.7)	(15.0)	(70.6)	(997,573)	(548,184)	(1,545,757)
Pinal	(62.8)	(26.3)	(89.1)	(2,104,781)	(842,302)	(2,948,083)
Pima	(44.5)	(11.4)	(56.0)	(903,686)	(390,436)	(1,294,122)
Mohave	-	-	-	-	-	-
La Paz	(2.0)	(1.1)	(3.1)	(62,962)	(23,934)	(86,897)
Yuma	(0.6)	(0.3)	(0.9)	(13,819)	(8,281)	(22,100)
Graham	(3.5)	(1.6)	(5.1)	(142,768)	(39,633)	(182,401)
Total			(224.8)			(6,079,360)

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Table H-53
Estimated Change In Employment and Income as a Result of a
600,000 af Shortage to Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(71.5)	(19.1)	(90.6)	(1,279,768)	(703,255)	(1,983,023)
Pinal	(69.3)	(31.9)	(101.2)	(2,598,267)	(1,025,350)	(3,623,617)
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	(2.3)	(1.8)	(4.1)	(79,931)	(38,554)	(118,487)
Yuma	(0.7)	(0.5)	(1.2)	(17,864)	(13,084)	(30,948)
Graham	(4.8)	(2.2)	(7.0)	(197,041)	(54,701)	(251,741)
Total			(204.1)			(6,007,816)

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Table H-54
Estimated Change In Employment and Income as a Result of a
800,000 af Shortage to Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(100.7)	(27.6)	(128.4)	(1,854,237)	(1,015,546)	(2,869,783)
Pinal	(77.2)	(42.6)	(119.7)	(3,558,055)	(1,373,870)	(4,931,925)
Pima	(50.5)	(15.6)	(66.1)	(1,232,412)	(529,644)	(1,762,056)
Mohave	-	-	-	-	-	-
La Paz	(2.9)	(3.3)	(6.2)	(114,910)	(70,056)	(184,965)
Yuma	(0.9)	(0.9)	(1.8)	(26,240)	(23,387)	(49,627)
Graham	(12.2)	(5.5)	(17.7)	(497,597)	(138,136)	(635,734)
Total			(339.9)			(10,434,090)

2

Table H-55
Estimated Change In Employment and Income as a Result of a
1,000,000 af Shortage to Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(110.8)	(37.3)	(148.1)	(2,528,157)	(1,368,601)	(3,896,757)
Pinal	(86.6)	(56.1)	(142.7)	(4,585,532)	(1,812,065)	(6,397,598)
Pima	(63.8)	(22.6)	(86.4)	(1,757,954)	(768,251)	(2,526,205)
Mohave	-	-	-	-	-	-
La Paz	(3.5)	(4.9)	(8.3)	(149,837)	(101,511)	(251,347)
Yuma	(1.1)	(1.4)	(2.5)	(34,615)	(33,690)	(68,305)
Graham	(14.2)	(8.3)	(22.5)	(751,665)	(209,083)	(960,748)
Total			(410.5)			(14,100,960)

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Table H-56
 Estimated Change In Employment and Income as a Result of a
 1,200,000 af Shortage to Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Graham	-	-	-	-	-	-
Total			-			-

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Table H-57
 Estimated Change In Employment and Income as a Result of a
 1,800,000 af Shortage to Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(178.1)	(100.1)	(278.2)	(5,976,369)	(3,536,939)	(9,513,308)
Pinal	(158.3)	(176.3)	(334.5)	(9,546,502)	(5,601,698)	(15,148,200)
Pima	(112.3)	(47.8)	(160.1)	(3,660,900)	(1,632,231)	(5,293,131)
Mohave	-	-	-	-	-	-
La Paz	(5.1)	(8.7)	(13.7)	(262,217)	(182,464)	(444,681)
Yuma	(1.7)	(2.5)	(4.1)	(61,811)	(60,955)	(122,765)
Graham	-	-	-	-	-	-
Total			(790.6)			(30,522,085)

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Table H-58
 Estimated Change In Employment and Income as a Result of a
 2,500,000 af Shortage to Indian Agricultural Lands in Arizona—2026

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Graham	-	-	-	-	-	-
Total			-			-

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H.4.4 2027 Tables

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Table H-59
Estimated Change In Employment and Income as a Result of a
400,000 af shortage to Non-Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

Table H-60
Estimated Change In Employment and Income as a Result of a
500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(16.7)	(4.4)	(21.2)	(299,607)	(164,639)	(464,247)
Pinal	(30.7)	(12.9)	(43.6)	(1,029,461)	(411,779)	(1,441,239)
Mohave	(10.4)	(3.9)	(14.4)	(331,544)	(117,791)	(449,336)
La Paz	(7.7)	(4.0)	(11.8)	(240,103)	(91,273)	(331,376)
Yuma	(10.4)	(10.4)	(20.8)	(294,700)	(264,350)	(559,050)
Total			(111.8)			(3,245,248)

Table H-61
Estimated Change In Employment and Income as a Result of a
600,000 af shortage to Non-Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(14.6)	(4.7)	(19.3)	(392,098)	(139,837)	(531,934)
La Paz	(9.2)	(4.9)	(14.1)	(288,153)	(109,539)	(397,692)
Yuma	(12.2)	(14.2)	(26.3)	(369,656)	(356,555)	(726,211)
Total			(59.7)			(1,655,837)

Table H-62
Estimated Change In Employment and Income as a Result of a
800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(22.9)	(6.2)	(29.1)	(513,276)	(183,953)	(697,229)
La Paz	(11.7)	(9.4)	(21.2)	(410,190)	(204,464)	(614,653)
Yuma	(15.8)	(21.7)	(37.5)	(519,621)	(541,030)	(1,060,651)
Total			(87.8)			(2,372,533)

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Table H-63
Estimated Change In Employment and Income as a Result of a
1,000,000 af shortage to Non-Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(30.5)	(8.1)	(38.6)	(655,245)	(237,866)	(893,110)
La Paz	(13.9)	(15.3)	(29.2)	(543,412)	(324,443)	(867,854)
Yuma	(18.1)	(26.1)	(44.2)	(647,189)	(653,614)	(1,300,803)
Total			(112.0)			(3,061,767)

2

Table H-64
Estimated Change In Employment and Income as a Result of a
1,200,000 af shortage to Non-Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(35.9)	(11.1)	(47.0)	(867,615)	(324,935)	(1,192,550)
La Paz	(16.1)	(21.2)	(37.2)	(676,633)	(444,422)	(1,121,055)
Yuma	(21.6)	(28.2)	(49.8)	(750,152)	(713,573)	(1,463,725)
Total			(134.0)			(3,777,330)

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Table H-65
 Estimated Change In Employment and Income as a Result of a
 1,800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(50.0)	(19.1)	(69.1)	(1,423,582)	(552,872)	(1,976,453)
La Paz	(21.9)	(36.3)	(58.3)	(1,025,389)	(758,511)	(1,783,900)
Yuma	(64.6)	(48.5)	(113.2)	(1,690,821)	(1,277,311)	(2,968,133)
Total			(240.6)			(6,728,486)

1

Table H-66
 Estimated Change In Employment and Income as a Result of a
 2,500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	(350.3)	(183.6)	(533.8)	(7,940,506)	(5,022,715)	(12,963,221)
Total			(533.8)			(12,963,221)

2

Table H-67
 Estimated Change In Employment and Income as a Result of a
 400,000 af Shortage to Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Graham	-	-	-	-	-	-
Total			-			-

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Table H-68
Estimated Change In Employment and Income as a Result of a
500,000 of Shortage to Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(70.8)	(19.0)	(89.8)	(1,268,568)	(697,101)	(1,965,669)
Pinal	(69.9)	(32.7)	(102.5)	(2,662,713)	(1,048,751)	(3,711,465)
Pima	(39.5)	(7.9)	(47.4)	(610,090)	(267,384)	(877,474)
Mohave	–	–	–	–	–	–
La Paz	(2.0)	(1.1)	(3.1)	(62,999)	(23,949)	(86,947)
Yuma	(0.6)	(0.3)	(0.9)	(13,819)	(8,281)	(22,100)
Graham	(3.7)	(1.6)	(5.3)	(149,981)	(41,611)	(191,502)
Total			(249.0)			(6,855,157)

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Table H-69
Estimated Change In Employment and Income as a Result of a
600,000 of Shortage to Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(86.3)	(23.1)	(109.1)	(1,544,754)	(848,870)	(2,393,624)
Pinal	(73.6)	(37.7)	(111.3)	(3,121,818)	(1,215,462)	(4,337,280)
Pima	–	–	–	–	–	–
Mohave	–	–	–	–	–	–
La Paz	(2.6)	(2.5)	(5.2)	(97,447)	(54,328)	(151,775)
Yuma	(0.7)	(0.5)	(1.2)	(17,864)	(13,084)	(30,948)
Graham	(5.7)	(2.6)	(8.4)	(234,940)	(65,221)	(300,161)
Total			(235.2)			(7,213,788)

2

Table H-70
Estimated Change In Employment and Income as a Result of a
800,000 of Shortage to Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(104.9)	(31.7)	(136.6)	(2,158,333)	(1,167,278)	(3,325,611)
Pinal	(81.6)	(48.6)	(130.2)	(4,100,771)	(1,570,942)	(5,671,713)
Pima	(52.7)	(16.8)	(69.4)	(1,319,597)	(569,221)	(188,818)
Mohave	–	–	–	–	–	–
La Paz	(2.9)	(3.3)	(6.2)	(114,961)	(70,101)	(185,062)
Yuma	(0.9)	(0.9)	(1.8)	(26,213)	(23,355)	(49,568)
Graham	(12.3)	(5.7)	(17.9)	(502,823)	(139,588)	(642,410)
Total			(362.1)			(10,063,182)

3

Table H-71
Estimated Change In Employment and Income as a Result of a
1,000,000 af Shortage to Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(119.9)	(45.8)	(165.8)	(2,997,031)	(1,663,444)	(4,660,475)
Pinal	(96.2)	(72.3)	(168.4)	(5,251,350)	(2,320,677)	(7,572,027)
Pima	(66.0)	(23.7)	(89.7)	(1,843,295)	(806,992)	(2,650,287)
Mohave	–	–	–	–	–	–
La Paz	(3.5)	(4.9)	(8.3)	(149,888)	(101,556)	(251,444)
Yuma	(1.1)	(1.4)	(2.5)	(34,615)	(33,690)	(68,305)
Graham	(14.2)	(8.4)	(22.6)	(755,727)	(210,218)	(965,945)
Total			(457.3)			(16,168,483)

1

Table H-72
Estimated Change In Employment and Income as a Result of a
1,200,000 af Shortage to Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(138.6)	(63.2)	(201.9)	(3,953,511)	(2,264,906)	(6,218,417)
Pinal	(116.8)	(106.7)	(223.5)	(6,674,508)	(3,407,811)	(10,082,320)
Pima	(79.3)	(30.6)	(110.0)	(2,366,916)	(1,044,728)	(3,411,644)
Mohave	–	–	–	–	–	–
La Paz	(4.1)	(6.3)	(10.4)	(184,815)	(133,011)	(317,825)
Yuma	(1.3)	(1.8)	(3.1)	(42,991)	(43,993)	(86,984)
Graham	(17.9)	(13.9)	(31.9)	(1,032,770)	(355,826)	(1,388,597)
Total			(580.8)			(21,505,787)

2

Table H-73
Estimated Change In Employment and Income as a Result of a
1,800,000 af Shortage to Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(187.7)	(108.9)	(296.7)	(6,464,153)	(3,843,671)	(10,307,825)
Pinal	(168.7)	(193.7)	(362.3)	(10,266,904)	(6,152,006)	(16,418,910)
Pima	(114.2)	(48.8)	(163.0)	(3,737,870)	(1,667,171)	(5,405,041)
Mohave	–	–	–	–	–	–
La Paz	(5.1)	(8.7)	(13.7)	(262,217)	(182,464)	(444,681)
Yuma	(1.7)	(2.5)	(4.1)	(61,811)	(60,955)	(122,765)
Graham	(28.4)	(29.9)	(58.3)	(1,768,847)	(769,189)	(2,538,036)
Total			(898.1)			(35,237,258)

3

Table H-74
Estimated Change In Employment and Income as a Result of a
2,500,000 af Shortage to Indian Agricultural Lands in Arizona—2027

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	(177.3)	(208.0)	(385.3)	(10,860,490)	(6,605,440)	(17,465,930)
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Graham	-	-	-	-	-	-
Total			(385.3)			(17,465,930)

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Table H-75
Estimated Change In Employment and Income as a Result of a
400,000 af shortage to Non-Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

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Table H-76
Estimated Change In Employment and Income as a Result of a
500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(7.1)	(1.3)	(8.4)	(104,172)	(37,926)	(142,098)
La Paz	(7.7)	(4.1)	(11.8)	(241,539)	(91,819)	(333,358)
Yuma	(10.6)	(10.8)	(21.3)	(301,962)	(273,283)	(575,246)
Total			(41.5)			(1,050,702)

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Table H-77
 Estimated Change In Employment and Income as a Result of a
 600,000 af shortage to Non-Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(15.6)	(4.9)	(20.4)	(406,137)	(144,948)	(551,085)
La Paz	(9.3)	(4.9)	(14.2)	(289,847)	(110,093)	(400,030)
Yuma	(12.4)	(14.6)	(27.0)	(378,350)	(367,249)	(745,599)
Total			(61.6)			(1,696,714)

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Table H-78
 Estimated Change In Employment and Income as a Result of a
 800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(24.2)	(6.4)	(30.6)	(531,995)	(190,768)	(722,763)
La Paz	(11.8)	(9.6)	(21.4)	(413,356)	(207,314)	(620,670)
Yuma	(16.1)	(22.2)	(38.3)	(531,230)	(555,310)	(1,086,540)
Total			(90.3)			(2,429,973)

2

Table H-79
 Estimated Change In Employment and Income as a Result of a
 1,000,000 af shortage to Non-Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(31.6)	(8.7)	(40.2)	(696,252)	(254,679)	(950,931)
La Paz	(14.0)	(15.4)	(29.4)	(547,343)	(327,983)	
Yuma	(18.2)	(26.3)	(44.5)	(657,960)	(659,535)	(1,317,495)
Total			(114.1)			(2,268,426)

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Table H-80
 Estimated Change In Employment and Income as a Result of a
 1,200,000 af shortage to Non-Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(37.1)	(11.8)	(49.0)	(916,762)	(345,084)	(1,261,847)
La Paz	(16.2)	(21.3)	(37.5)	(681,331)	(448,653)	(1,129,984)
Yuma	(22.2)	(28.4)	(50.6)	(761,626)	(720,450)	(1,482,076)
Total			(137.1)			(3,873,907)

1

Table H-81
 Estimated Change In Employment and Income as a Result of a
 1,800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(51.5)	(19.9)	(71.5)	(1,483,975)	(577,632)	(2,061,607)
La Paz	(21.9)	(28.9)	(7.5)	(1,025,900)	(758,971)	(1,784,871)
Yuma	(68.5)	(50.3)	(118.9)	(1,775,831)	(1,328,257)	(3,104,088)
Total			(197.9)			(6,950,566)

2

Table H-82
 Estimated Change In Employment and Income as a Result of a
 2,500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

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Table H-83
 Estimated Change In Employment and Income as a Result of a
 400,000 af Shortage to Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Graham	-	-	-	-	-	-
Total			-			-

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Table H-84
 Estimated Change In Employment and Income as a Result of a
 500,000 af Shortage to Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(69.0)	(18.5)	(87.5)	(1,235,215)	(678,772)	(1,913,987)
Pinal	(19.1)	(10.7)	(29.8)	(896,598)	(345,674)	(1,242,272)
Pima	(45.7)	(12.3)	(58.1)	(975,834)	(420,675)	(1,396,509)
Mohave	-	-	-	-	-	-
La Paz	(2.0)	(1.1)	(3.1)	(63,330)	(24,075)	(87,405)
Yuma	(0.6)	(0.3)	(0.9)	(13,888)	(8,324)	(22,212)
Graham	-	-	-	-	-	-
Total			(179.4)			(4,662,385)

2

Table H-85
 Estimated Change In Employment and Income as a Result of a
 600,000 af Shortage to Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(84.7)	(22.7)	(107.4)	(1,516,265)	(833,215)	(2,349,480)
Pinal	(73.0)	(36.8)	(109.8)	(3,043,470)	(1,187,012)	(4,230,483)
Pima	(46.2)	(12.7)	(59.0)	(1,005,255)	(433,006)	(1,438,262)
Mohave	-	-	-	-	-	-
La Paz	(2.3)	(1.8)	(4.1)	(80,545)	(39,106)	(119,651)
Yuma	(0.7)	(0.5)	(1.2)	(18,023)	(13,279)	(31,303)
Graham	(6.4)	(2.9)	(9.3)	(260,722)	(72,379)	(333,100)
Total			(290.8)			(8,502,279)

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Table H-86
Estimated Change In Employment and Income as a Result of a
800,000 af Shortage to Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(104.5)	(31.3)	(135.8)	(2,128,862)	(1,152,573)	(3,281,435)
Pinal	(80.9)	(47.7)	(128.5)	(4,014,939)	(1,539,774)	(5,554,712)
Pima	(54.9)	(17.9)	(72.7)	(1,405,305)	(608,135)	(2,013,440)
Mohave	–	–	–	–	–	–
La Paz	(2.9)	(3.3)	(6.3)	(115,676)	(70,745)	(186,421)
Yuma	(0.9)	(1.0)	(1.9)	(26,452)	(23,648)	(50,099)
Graham	(12.6)	(5.9)	(18.5)	(524,732)	(145,689)	(670,422)
Total			(363.7)			(11,756,529)

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Table H-87
Estimated Change In Employment and Income as a Result of a
1,000,000 af Shortage to Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(119.1)	(45.1)	(164.2)	(2,956,109)	(1,637,710)	(4,593,819)
Pinal	(95.4)	(71.0)	(166.4)	(5,197,954)	(2,279,888)	(7,477,842)
Pima	(68.1)	(24.8)	(92.8)	(1,924,626)	(843,918)	(2,768,544)
Mohave	–	–	–	–	–	–
La Paz	(3.5)	(4.9)	(8.4)	(150,858)	(102,430)	(253,288)
Yuma	(1.1)	(1.4)	(2.5)	(34,880)	(34,016)	(68,896)
Graham	(14.4)	(8.5)	(22.9)	(774,904)	(215,575)	(990,478)
Total			(457.2)			(16,152,867)

2

Table H-88
Estimated Change In Employment and Income as a Result of a
1,200,000 af Shortage to Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(137.9)	(62.6)	(200.5)	(3,917,340)	(2,242,161)	(6,159,500)
Pinal	(114.7)	(103.3)	(218.0)	(6,534,059)	(3,300,524)	(9,834,583)
Pima	(81.3)	(31.7)	(113.0)	(2,443,947)	(1,079,701)	(3,523,648)
Mohave	–	–	–	–	–	–
La Paz	(4.1)	(6.5)	(10.5)	(185,989)	(134,069)	(320,058)
Yuma	(1.3)	(1.8)	(3.1)	(43,309)	(44,384)	(87,693)
Graham	(18.2)	(14.4)	(32.6)	(1,051,854)	(366,544)	(1,418,397)
Total			(577.7)			(21,343,879)

3

Table H-89
 Estimated Change In Employment and Income as a Result of a
 1,800,000 af Shortage to Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(186.2)	(107.6)	(293.7)	(6,387,059)	(3,795,193)	(10,182,252)
Pinal	(165.5)	(188.3)	(353.7)	(10,044,268)	(4,036,616)	(16,026,204)
Pima	(114.5)	(48.9)	(163.5)	(3,748,622)	(1,672,053)	(5,420,675)
Mohave	-	-	-	-	-	-
La Paz	(5.1)	(8.7)	(13.7)	(262,217)	(182,464)	(444,681)
Yuma	(1.7)	(2.5)	(4.1)	(61,811)	(60,955)	(122,765)
Graham	(28.0)	(29.3)	(57.3)	(1,740,302)	(753,159)	(2,493,462)
Total			(886.0)			(34,690,039)

1

Table H-90
 Estimated Change In Employment and Income as a Result of a
 2,500,000 af Shortage to Indian Agricultural Lands in Arizona—2040

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Graham	-	-	-	-	-	-
Total			-			-

2

H.4.6 2060 Tables

3

4

Table H-91
 Estimated Change In Employment and Income as a Result of a
 400,000 af shortage to Non-Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

5

Table H-92
Estimated Change In Employment and Income as a Result of a
500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(11.8)	(4.2)	(16.0)	(350,645)	(124,748)	(475,393)
La Paz	(7.7)	(4.1)	(11.8)	(241,539)	(91,279)	(332,818)
Yuma	(10.6)	(10.8)	(21.4)	(301,962)	(273,283)	(575,245)
Total			(49.2)			(1,383,456)

1

2

Table H-93
Estimated Change In Employment and Income as a Result of a
600,000 af shortage to Non-Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	(415,036)	(148,187)	(563,223)
Mohave	(16.2)	(5.0)	(21.2)	(289,847)	(110,183)	(400,030)
La Paz	(9.3)	(4.9)	(14.2)	(378,350)	(367,249)	(745,599)
Yuma	(12.4)	(14.6)	(27.0)	-	-	-
Total			(62.4)			(1,708,852)

3

Table H-94
Estimated Change In Employment and Income as a Result of a
800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(25.0)	(6.6)	(31.6)	(543,836)	(195,079)	(738,915)
La Paz	(11.8)	(9.6)	(21.4)	(413,356)	(207,314)	(620,670)
Yuma	(16.1)	(22.2)	(38.3)	(531,230)	(555,310)	(1,086,540)
Total			(91.3)			(2,446,125)

4

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Table H-95
 Estimated Change In Employment and Income as a Result of a
 1,000,000 af shortage to Non-Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(32.2)	(9.0)	(41.2)	(722,224)	(265,327)	(987,551)
La Paz	(14.0)	(8.0)	(22.0)	(547,343)	(142,499)	(689,842)
Yuma	(18.2)	(26.3)	(44.5)	(657,960)	(659,536)	(1,317,496)
Total			(107.7)			(2,994,889)

1

Table H-96
 Estimated Change In Employment and Income as a Result of a
 1,200,000 af shortage to Non-Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(37.2)	(12.2)	(49.4)	(947,953)	(357,871)	(1,305,824)
La Paz	(16.2)	(21.3)	(37.5)	(681,331)	(448,653)	(1,129,984)
Yuma	(22.2)	(28.4)	(50.6)	(761,626)	(720,450)	(1,482,076)
Total			(137.5)			(3,917,884)

2

Table H-97
 Estimated Change In Employment and Income as a Result of a
 1,800,000 af shortage to Non-Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	(52.7)	(20.6)	(73.3)	(1,528,524.0)	(595,897.0)	(2,124,421.0)
La Paz	(21.9)	(36.4)	(58.3)	(1,025,900.0)	(758,971.0)	(1,784,871.0)
Yuma	(34.2)	(53.9)	(88.1)	(1,267,421.0)	(1,342,636.0)	(2,610,057.0)
Total			(219.7)			(6,519,349.0)

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Table H-98
Estimated Change In Employment and Income as a Result of a
2,500,000 af shortage to Non-Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Total			-			-

1

Table H-99
Estimated Change In Employment and Income as a Result of a
400,000 af Shortage to Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	-	-	-	-	-	-
Pinal	-	-	-	-	-	-
Pima	-	-	-	-	-	-
Mohave	-	-	-	-	-	-
La Paz	-	-	-	-	-	-
Yuma	-	-	-	-	-	-
Other	-	-	-	-	-	-
Total			-			-

2

Table H-100
Estimated Change In Employment and Income as a Result of a
500,000 af Shortage to Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(75.1)	(20.2)	(95.3)	(1,345,861)	(739,575)	(2,085,436)
Pinal	(71.2)	(34.4)	(105.6)	(2,825,865)	(1,107,996)	(3,933,861)
Pima	(72.7)	(27.2)	(99.9)	(2,104,798)	(925,720)	(3,030,518)
Mohave	-	-	-	-	-	-
La Paz	(2.0)	(1.1)	(3.1)	(63,330)	(24,075)	(87,405)
Yuma	(0.6)	(0.3)	(0.9)	(13,888)	(8,324)	(22,212)
Other	-	-	-	-	-	-
Total			(304.8)			(9,159,432)

3

Table H-101
Estimated Change In Employment and Income as a Result of a
600,000 af Shortage to Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(90.9)	(24.4)	(115.3)	(1,628,342)	(894,803)	(2,523,145)
Pinal	(74.8)	(39.3)	(114.1)	(3,265,146)	(1,267,508)	(4,532,654)
Pima	(60.2)	(20.6)	(80.8)	(1,613,510)	(702,664)	(2,316,174)
Mohave	–	–	–	–	–	–
La Paz	(2.3)	(1.8)	(4.1)	(80,545)	(39,106)	(119,651)
Yuma	(0.7)	(0.5)	(1.2)	(18,023)	(13,279)	(31,302)
Other	(6.6)	(3.1)	(9.7)	(269,819)	(74,904)	(344,723)
Total			(325.2)			(9,867,649)

1

Table H-102
Estimated Change In Employment and Income as a Result of a
800,000 af Shortage to Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(106.2)	(33.0)	(139.2)	(2,249,239)	(1,212,637)	(3,461,876)
Pinal	(103.9)	(85.2)	(189.1)	(5,787,580)	(2,730,297)	(8,517,877)
Pima	(87.5)	(34.8)	(122.3)	(2,686,864)	(1,189,991)	(3,876,855)
Mohave	–	–	–	–	–	–
La Paz	(2.9)	(3.3)	(6.2)	(115,676)	(70,745)	(186,421)
Yuma	(0.9)	(6.7)	(7.6)	(26,452)	(23,648)	(50,100)
Graham	(12.7)	(6.0)	(18.7)	(531,758)	(147,652)	(679,410)
Total			(483.1)			(16,772,539)

2

Table H-103
Estimated Change In Employment and Income as a Result of a
1,000,000 af Shortage to Indian Agricultural Lands in Arizona—2060

County	Employment			Income		
	Direct	Indirect + Induced	Total	Direct	Indirect + Induced	Total
Maricopa	(122.6)	(48.3)	(170.9)	(3,132,285)	(1,748,494)	(4,880,779)
Pinal	(99.6)	(77.9)	(177.5)	(5,486,375)	(2,500,209)	(7,986,584)
Pima	(100.6)	(41.7)	(142.3)	(3,203,651)	(1,424,624)	(4,628,275)
Mohave	–	–	–	–	–	–
La Paz	(3.5)	(4.9)	(8.4)	(150,858)	(102,430)	(253,288)
Yuma	(1.1)	(1.4)	(2.5)	(34,880)	(34,016)	(68,896)
Graham	(14.3)	(8.5)	(22.8)	(770,878)	(214,450)	(985,328)
Total			(524.4)			(18,803,150)

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Table H-104
Estimated Change In Employment and Income as a Result of a
1,200,000 af Shortage to Indian Agricultural Lands in Arizona—2060

County	Employment				Income		
	Direct	Indirect + Induced	Total		Direct	Indirect + Induced	Total
Maricopa	(141.2)	(65.7)	(206.9)		(4,085,643)	(2,347,995)	(6,433,638)
Pinal	(118.8)	(25.5)	(144.3)		(6,814,222)	(3,514,537)	(10,328,759)
Pima	(113.7)	(48.5)	(162.2)		(3,718,977)	(1,658,594)	(5,377,571)
Mohave	–	–	–		–	–	–
La Paz	(4.1)	(6.4)	(10.5)		(185,529)	(133,655)	(319,184)
Yuma	(1.3)	(1.8)	(3.1)		(43,309)	(44,384)	(87,693)
Graham	(18.3)	(14.4)	(32.7)		(1,056,299)	(369,040)	(1,425,339)
Total			(559.7)				(23,972,184)

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Table H-105
Estimated Change In Employment and Income as a Result of a
1,800,000 af Shortage to Indian Agricultural Lands in Arizona—2060

County	Employment				Income		
	Direct	Indirect + Induced	Total		Direct	Indirect + Induced	Total
Maricopa	(189.2)	(110.4)	(299.6)		(6,542,468)	(3,892,919)	(10,435,387)
Pinal	(165.9)	(189.0)	(354.9)		(10,073,907)	(6,004,577)	(16,078,484)
Pima	(147.5)	(66.2)	(213.7)		(5,046,232)	(1,721,196)	(6,767,428)
Mohave	–	–	–		–	–	–
La Paz	(5.1)	(8.7)	(13.8)		(262,217)	(182,464)	(444,681)
Yuma	(1.7)	(2.5)	(4.2)		(61,811)	(60,955)	(122,766)
Graham	(28.4)	(29.9)	(58.3)		(1,768,847)	(769,189)	(2,538,036)
Total			(944.5)				(36,386,782)

2

Table H-106
Estimated Change In Employment and Income as a Result of a
2,500,000 af Shortage to Indian Agricultural Lands in Arizona—2060

County	Employment				Income		
	Direct	Indirect + Induced	Total		Direct	Indirect + Induced	Total
Maricopa	–	–	–		–	–	–
Pinal	–	–	–		–	–	–
Pima	–	–	–		–	–	–
Mohave	–	–	–		–	–	–
La Paz	–	–	–		–	–	–
Yuma	–	–	–		–	–	–
Other	–	–	–		–	–	–
Total			–				–

3

H.5 County Level Changes in Tax Revenue

H.5.1 Summary Tables

Table H-107
Estimated Changes in Tax Impacts as a Result of Shortages to
Non-Indian Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
400,000	(7,213,564)	(1,722,361)	-	-	-
500,000	(437,924)	(438,154)	(1,110,476)	(344,954)	(455,037)
600,000	(538,788)	(541,687)	(544,095)	(557,703)	(561,917)
800,000	(771,551)	(776,056)	(779,352)	(798,450)	(804,058)
1,000,000	(2,654,659)	(1,001,855)	(1,005,597)	(1,031,937)	(1,043,631)
1,200,000	-	-	(1,237,258)	(1,268,309)	(1,282,352)
1,800,000	-	(2,188,778)	(2,196,425)	(2,268,392)	(2,118,131)
2,500,000	-	-	(4,231,429)	-	-

Table H-108
Estimated Changes in Tax Impacts as a Result of Shortages to
Indian Agricultural Lands for Selected Shortage Amounts and Years

Shortage Amount (af)	Year				
	2017	2026	2027	2040	2060
400,000	(55,469)	(1,338,754)	-	-	-
500,000	(213,626)	(2,131,417)	(2,408,201)	(1,632,162)	(3,174,113)
600,000	(1,180,482)	(2,107,217)	(2,527,297)	(2,143,983)	(3,434,743)
800,000	(2,457,060)	(3,639,707)	(4,091,848)	(2,937,735)	(5,783,285)
1,000,000	(3,366,673)	(4,876,591)	(5,564,650)	(3,987,999)	(6,432,090)
1,200,000	-	-	(7,356,110)	(5,236,042)	(8,167,047)
1,800,000	-	(10,318,168)	(11,968,736)	(8,446,512)	(12,514,450)
2,500,000	-	-	6,045,388	-	-

1 **H.5.2 2017 Tables**

Table H-109
Estimated Change In Tax Impact as a Result of a 400,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2017

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	(1,634,293)	-
Pinal	(5,245,667)	(4,579)
Mohave	(126,374)	-
La Paz	(87,118)	(22,882)
Yuma	(120,112)	(5,763)
Pima	-	(22,245)
Graham	-	-
Total	(7,213,564)	(55,469)

2

Table H-110
Estimated Change In Tax Impact as a Result of a 500,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2017

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	(30,382)
Mohave	(156,224)	-
La Paz	(108,893)	(28,603)
Yuma	(172,807)	(7,208)
Pima	-	(147,433)
Graham	-	-
Total	(437,924)	(213,626)

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Table H-111
Estimated Change In Tax Impact as a Result of a 600,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2017

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(870,312)
Pinal	-	(58,330)
Mohave	(186,091)	-
La Paz	(130,668)	(38,827)
Yuma	(222,029)	(9,979)
Pima	-	(203,034)
Graham	-	-
Total	(538,788)	(1,180,482)

4

Table H-112
 Estimated Change In Tax Impact as a Result of a 800,000 af
 shortage to Non-Indian and Indian Agricultural Lands in Arizona—2017

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(979,290)
Pinal	-	(799,566)
Mohave	(245,808)	-
La Paz	(200,875)	(60,497)
Yuma	(324,868)	(15,942)
Pima	-	(403,561)
Graham	-	(198,204)
Total	(771,551)	(2,457,060)

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Table H-113
 Estimated Change In Tax Impact as a Result of a 1,000,000 af
 shortage to Non-Indian and Indian Agricultural Lands in Arizona—2017

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	(1,641,195)	(924,872)
Pinal	-	(1,492,502)
Mohave	(322,103)	-
La Paz	(283,315)	(82,155)
Yuma	(408,046)	(21,867)
Pima	-	(529,597)
Graham	-	(315,680)
Total	(2,654,659)	(3,366,673)

2

Table H-114
 Estimated Change In Tax Impact as a Result of a 1,200,000 af
 shortage to Non-Indian and Indian Agricultural Lands in Arizona—2017

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Pima	-	-
Graham	-	-
Total	-	-

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Table H-115
Estimated Change In Tax Impact as a Result of a 1,800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2017

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Pima	-	-
Graham	-	-
Total	-	-

1

Table H-116
Estimated Change In Tax Impact as a Result of a 2,500,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2017

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Pima	-	-
Graham	-	-
Total	-	-

2

3 H.5.3 2026 Tables

4

Table H-117
Estimated Change In Tax Impact as a Result of a 400,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2026

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	(339,878)	(316,809)
Pinal	(1,047,882)	(592,337)
Mohave	(121,169)	-
La Paz	(87,487)	(22,950)
Yuma	(125,945)	(5,781)
Pima	-	(400,877)
Graham	-	-
Total	(1,722,361)	(1,338,754)

Table H-118
Estimated Change In Tax Impact as a Result of a 500,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2026

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(546,627)
Pinal	-	(1,035,321)
Mohave	(149,727)	-
La Paz	(109,346)	(28,687)
Yuma	(179,081)	(7,227)
Pima	-	(450,724)
Graham	-	(62,831)
Total	(438,154)	(2,131,417)

1

Table H-119
Estimated Change In Tax Impact as a Result of a 600,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2026

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(701,258)
Pinal	-	(1,270,159)
Mohave	(178,284)	-
La Paz	(131,222)	(39,029)
Yuma	(232,181)	(10,055)
Pima	-	-
Graham	-	(86,716)
Total	(541,687)	(2,107,217)

2

Table H-120
Estimated Change In Tax Impact as a Result of a 800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2026

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(1,012,808)
Pinal	-	(1,723,528)
Mohave	(235,399)	-
La Paz	(202,240)	(60,783)
Yuma	(338,417)	(16,018)
Pima	-	(607,581)
Graham	-	(218,989)
Total	(776,056)	(3,639,707)

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Table H-121
Estimated Change In Tax Impact as a Result of a 1,000,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2026

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(1,351,393)
Pinal	-	(2,230,885)
Mohave	(300,395)	-
La Paz	(285,030)	(82,504)
Yuma	(416,430)	(21,981)
Pima	-	(857,748)
Graham	-	(332,080)
Total	(1,001,855)	(4,876,591)

1

Table H-122
Estimated Change In Tax Impact as a Result of a 1,200,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2026

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Pima	-	-
Graham	-	-
Total	-	-

2

Table H-123
Estimated Change In Tax Impact as a Result of a 1,800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2026

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(3,122,636)
Pinal	-	(5,246,624)
Mohave	(645,068)	-
La Paz	(584,879)	(145,867)
Yuma	(958,831)	(39,454)
Pima	-	(1,763,587)
Graham	-	-
Total	(2,188,778)	(10,318,168)

3

4

Table H-124
 Estimated Change In Tax Impact as a Result of a 2,500,000 af
 shortage to Non-Indian and Indian Agricultural Lands in Arizona—2026

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Pima	-	-
Graham	-	-
Total	-	-

1

H.5.4 2027 Tables

2

3

Table H-125
 Estimated Change In Tax Impact as a Result of a 400,000 af
 shortage to Non-Indian and Indian Agricultural Lands in Arizona—2027

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Pima	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Graham	-	-
Total	-	-

4

Table H-126
 Estimated Change In Tax Impact as a Result of a 500,000 af
 shortage to Non-Indian and Indian Agricultural Lands in Arizona—2027

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	(164,172)	(695,121)
Pinal	(506,141)	(1,300,601)
Pima	-	(310,582)
Mohave	(150,365)	-
La Paz	(109,396)	(28,704)
Yuma	(180,402)	(7,227)
Graham	-	(65,966)
Total	(1,110,476)	(2,408,201)

5

Table H-127
Estimated Change In Tax Impact as a Result of a 600,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2027

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(846,459)
Pinal	-	(1,517,466)
Pima	-	-
Mohave	(179,040)	-
La Paz	(131,289)	(49,922)
Yuma	(233,766)	(10,055)
Graham	-	(103,395)
Total	(544,095)	(2,527,297)

1

Table H-128
Estimated Change In Tax Impact as a Result of a 800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2027

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(1,164,776)
Pinal	-	(1,979,888)
Pima	-	(649,082)
Mohave	(236,423)	-
La Paz	(202,399)	(60,814)
Yuma	(340,530)	(15,999)
Graham	-	(221,289)
Total	(779,352)	(4,091,848)

2

Table H-129
Estimated Change In Tax Impact as a Result of a 1,000,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2027

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(1,592,240)
Pinal	-	(2,635,631)
Pima	-	(898,373)
Mohave	(302,521)	-
La Paz	(285,253)	(82,536)
Yuma	(417,823)	(21,981)
Graham	-	(333,889)
Total	(1,005,597)	(5,564,650)

3

4

Table H-130
Estimated Change In Tax Impact as a Result of a 1,200,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2027

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(2,083,555)
Pinal	-	(3,500,758)
Pima	-	(1,147,626)
Mohave	(398,138)	-
La Paz	(368,106)	(104,258)
Yuma	(471,014)	(27,943)
Graham	-	(491,970)
Total	(1,237,258)	(7,356,110)

1

Table H-131
Estimated Change In Tax Impact as a Result of a 1,800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2027

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(3,373,195)
Pinal	-	(5,684,551)
Pima	-	(1,800,226)
Mohave	(648,453)	-
La Paz	(585,006)	(145,867)
Yuma	(962,966)	(39,454)
Graham	-	(925,443)
Total	(2,196,425)	(11,968,736)

2

Table H-132
Estimated Change In Tax Impact as a Result of a 2,500,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2027

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	(6,045,388)
Pima	-	-
Mohave	-	-
La Paz	-	-
Yuma	(4,231,429)	-
Graham	-	-
Total	(4,231,429)	(6,045,388)

3

1 **H.5.5 2040 Tables**
2

Table H-133
Estimated Change In Tax Impact as a Result of a 400,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2040

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Pima	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Graham	-	-
Total	-	-

Table H-134
Estimated Change In Tax Impact as a Result of a 500,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2040

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(676,845)
Pinal	-	(434,037)
Pima	-	(485,162)
Mohave	(49,331)	-
La Paz	(110,050)	(28,855)
Yuma	(185,573)	(7,263)
Graham	-	-
Total	(344,954)	(1,632,162)

Table H-135
Estimated Change In Tax Impact as a Result of a 600,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2040

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(830,848)
Pinal	-	(1,480,457)
Pima	-	(499,206)
Mohave	(185,688)	-
La Paz	(132,060)	(39,410)
Yuma	(239,955)	(10,168)
Graham	-	(114,742)
Total	(557,703)	(2,143,983)

1

Table H-136
Estimated Change In Tax Impact as a Result of a 800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2040

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(1,150,048)
Pinal	-	(1,939,434)
Pima	-	(689,881)
Mohave	(245,287)	-
La Paz	(204,368)	(61,259)
Yuma	(348,795)	(16,169)
Graham	-	(230,992)
Total	(798,450)	(2,937,735)

2

Table H-137
Estimated Change In Tax Impact as a Result of a 1,000,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2040

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(1,571,219)
Pinal	-	(2,603,172)
Pima	-	(937,088)
Mohave	(320,984)	-
La Paz	(287,698)	(83,139)
Yuma	(423,255)	(22,169)
Graham	-	(342,431)
Total	(1,031,937)	(3,987,999)

3

Table H-138
Estimated Change In Tax Impact as a Result of a 1,200,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2040

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(2,064,974)
Pinal	-	(3,415,381)
Pima	-	(1,184,294)
Mohave	(420,266)	-
La Paz	(371,028)	(104,988)
Yuma	(477,015)	(28,170)
Graham	-	(503,209)
Total	(1,268,309)	(5,236,042)

4

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Table H-139
Estimated Change In Tax Impact as a Result of a 1,800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2040

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(3,333,595)
Pinal	-	(5,549,212)
Pima	-	(1,805,345)
Mohave	(675,644)	-
La Paz	(585,324)	(145,867)
Yuma	(1,007,424)	(37,454)
Graham	-	(908,634)
Total	(2,268,392)	(8,446,512)

1

Table H-140
Estimated Change In Tax Impact as a Result of a 2,500,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2040

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Pima	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Graham	-	-
Total	-	-

2

H.5.6 2060 Tables

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4

Table H-141
Estimated Change In Tax Impact as a Result of a 400,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2060

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pima	-	-
Pinal	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Graham	-	-
Total	-	-

5

Table H-142
Estimated Change In Tax Impact as a Result of a 500,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2060

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(737,474)
Pinal	-	(1,377,668)
Pima	-	(1,022,853)
Mohave	(159,414)	-
La Paz	(110,050)	(28,855)
Yuma	(185,573)	(7,263)
Graham	-	-
Total	(455,037)	(3,174,113)

1

Table H-143
estimated Change In Tax Impact as a Result of a 600,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2060

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(892,261)
Pinal	-	(1,585,169)
Pima	-	(788,990)
Mohave	(189,902)	-
La Paz	(132,060)	(39,410)
Yuma	(239,955)	(10,168)
Graham	-	(118,745)
Total	(561,917)	(3,434,743)

2

3

Table H-144
Estimated Change In Tax Impact as a Result of a 800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2060

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(1,210,206)
Pinal	-	(2,961,601)
Pima	-	(1,299,928)
Mohave	(250,895)	-
La Paz	(204,368)	(61,259)
Yuma	(348,795)	(16,169)
Graham	-	(234,122)
Total	(804,058)	(5,783,285)

4

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Table H-145
Estimated Change In Tax Impact as a Result of a 1,000,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2060

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(1,661,715)
Pinal	-	(2,778,501)
Pima	-	(1,545,928)
Mohave	(332,678)	-
La Paz	(287,698)	(83,139)
Yuma	(423,255)	(22,169)
Graham	-	(340,638)
Total	(1,043,631)	(6,432,090)

1

Table H-146
Estimated Change In Tax Impact as a Result of a 1,200,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2060

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(2,151,427)
Pinal	-	(3,585,689)
Pima	-	(1,791,233)
Mohave	(434,309)	-
La Paz	(371,028)	(104,702)
Yuma	(477,015)	(28,170)
Graham	-	(505,826)
Total	(1,282,352)	(8,167,047)

2

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Table H-147
Estimated Change In Tax Impact as a Result of a 1,800,000 af
shortage to Non-Indian and Indian Agricultural Lands in Arizona—2060

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	(3,413,424)
Pinal	-	(5,567,230)
Pima	-	(2,423,032)
Mohave	(695,702)	-
La Paz	(585,324)	(145,867)
Yuma	(837,105)	(39,454)
Graham	-	(925,443)
Total	(2,118,131)	(12,514,450)

4

Table H-148
 Estimated Change In Tax Impact as a Result of a 2,500,000 af
 shortage to Non-Indian and Indian Agricultural Lands in Arizona—2060

County	Non-Indian Agricultural Land Total	Indian Agricultural Lands Total
Maricopa	-	-
Pinal	-	-
Pima	-	-
Mohave	-	-
La Paz	-	-
Yuma	-	-
Graham	-	-
Total	-	-

1