An aerial photograph of a rural landscape, likely in the western United States, showing a dense grid of agricultural fields. The fields are in various stages of growth, with some appearing as dark green, others as lighter green, and some as brown or tan, indicating different crops or land uses. A network of roads and irrigation canals is visible, crisscrossing the fields. The overall scene is a patchwork of agricultural land.

2005 NAIP Survey

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Overview

- Why do a Survey?
- Survey Process
- Survey Results

Why do a Survey?

- Ask the Question “How did APFO do in providing *useful* NAIP imagery to it’s primary customer?”
- Quantitative
 - QQ Exposure Dates During Acquisition Period
- Qualitative
 - County/State Survey Feedback
- Goal
 - “Do better next year”

Why do a Survey? A Business Process



Survey Process

- Developing the Survey
- Scoring the Survey
- Survey Results

Survey Process

- Developing the Survey
 - Understand FSA programs
 - Ask questions to derive answers about
 - Usefulness of imagery
 - Timeliness of imagery
 - Make survey easy to take
 - Allow for textual comments
 - "I can't tell the difference between corn and soybeans"
 - "Imagery delivered too late for compliance work"
 - "This imagery is great compared to 2004"
 - Allow for "N/A" or "Unsure" answers

Survey Process

- Developing the Survey
 - Sent out email to State GIS Coordinators/Specialists
 - 2 Attachments
 - Memo from Director
 - Survey in excel
 - Requested Coordinators/Specialists to forward surveys to county service center reps and to take surveys themselves
 - Completed surveys to APFO via email by 15 Dec 05

Survey Process

- Scoring the Survey
 - Coded to auto-populate excel score sheet for
 - Questions 1-10
 - Based on FIPS
 - Questions 11-12 manually populated
 - Questions 13-14 considered, but not populated in the score sheet
 - Textual comments
 - "N/A" and "Unsure" answers not scored

Case Studies – Survey Results from Iowa & Oklahoma

Survey Results - Iowa

Question by Question Breakdown

Q1		Q2		Q3		Q4		Q5	
Mean	4.349206349	Mean	4.14516129	Mean	4.412698413	Mean	4.451612903	Mean	4.051282051
Standard Error	0.104086326	Standard Error	0.119151713	Standard Error	0.097681575	Standard Error	0.091052426	Standard Error	0.132191729
Median	5	Median	4	Median	5	Median	5	Median	4
Mode	5	Mode	5	Mode	5	Mode	5	Mode	4
Standard Deviation	0.826159599	Standard Deviation	0.938201527	Standard Deviation	0.775323463	Standard Deviation	0.716947522	Standard Deviation	0.82553708
Sample Variance	0.682539683	Sample Variance	0.880222105	Sample Variance	0.601126472	Sample Variance	0.514013749	Sample Variance	0.681511471
Kurtosis	0.426985187	Kurtosis	1.259782036	Kurtosis	0.318427312	Kurtosis	1.116235123	Kurtosis	0.228913964
Skewness	-1.093475987	Skewness	-1.160449354	Skewness	-1.092680358	Skewness	-1.203949658	Skewness	-0.689717304
Range	3	Range	4	Range	3	Range	3	Range	3
Minimum	2	Minimum	1	Minimum	2	Minimum	2	Minimum	2
Maximum	5								
Sum	274	Sum	257	Sum	278	Sum	276	Sum	158
Count	63	Count	62	Count	63	Count	62	Count	39
Q6		Q7		Q8		Q9_X2		Q10_X2	
Mean	4.333333333	Mean	3.837209302	Mean	4.142857143	Mean	8.451612903	Mean	8.483870968
Standard Error	0.105409255	Standard Error	0.155839571	Standard Error	0.125947246	Standard Error	0.197388314	Standard Error	0.219057564
Median	4.5	Median	4	Median	4	Median	8	Median	8
Mode	5	Mode	3	Mode	5	Mode	8	Mode	10
Standard Deviation	0.816496581	Standard Deviation	1.021908405	Standard Deviation	0.942502885	Standard Deviation	1.554237142	Standard Deviation	1.724860987
Sample Variance	0.666666667	Sample Variance	1.044296788	Sample Variance	0.888311688	Sample Variance	2.415653094	Sample Variance	2.975145426
Kurtosis	3.24911563	Kurtosis	-0.202736071	Kurtosis	1.147757876	Kurtosis	0.514125316	Kurtosis	2.211715609
Skewness	-1.467403265	Skewness	-0.500606875	Skewness	-1.105816475	Skewness	-0.854339308	Skewness	-1.288943988
Range	4	Range	4	Range	4	Range	6	Range	8
Minimum	1	Minimum	1	Minimum	1	Minimum	4	Minimum	2
Maximum	5	Maximum	5	Maximum	5	Maximum	10	Maximum	10
Sum	260	Sum	165	Sum	232	Sum	524	Sum	526
Count	60	Count	43	Count	56	Count	62	Count	62

Q1-Q8 Mean is out of possible 5 points.

Q9-10 Mean is out of a possible 10 points.

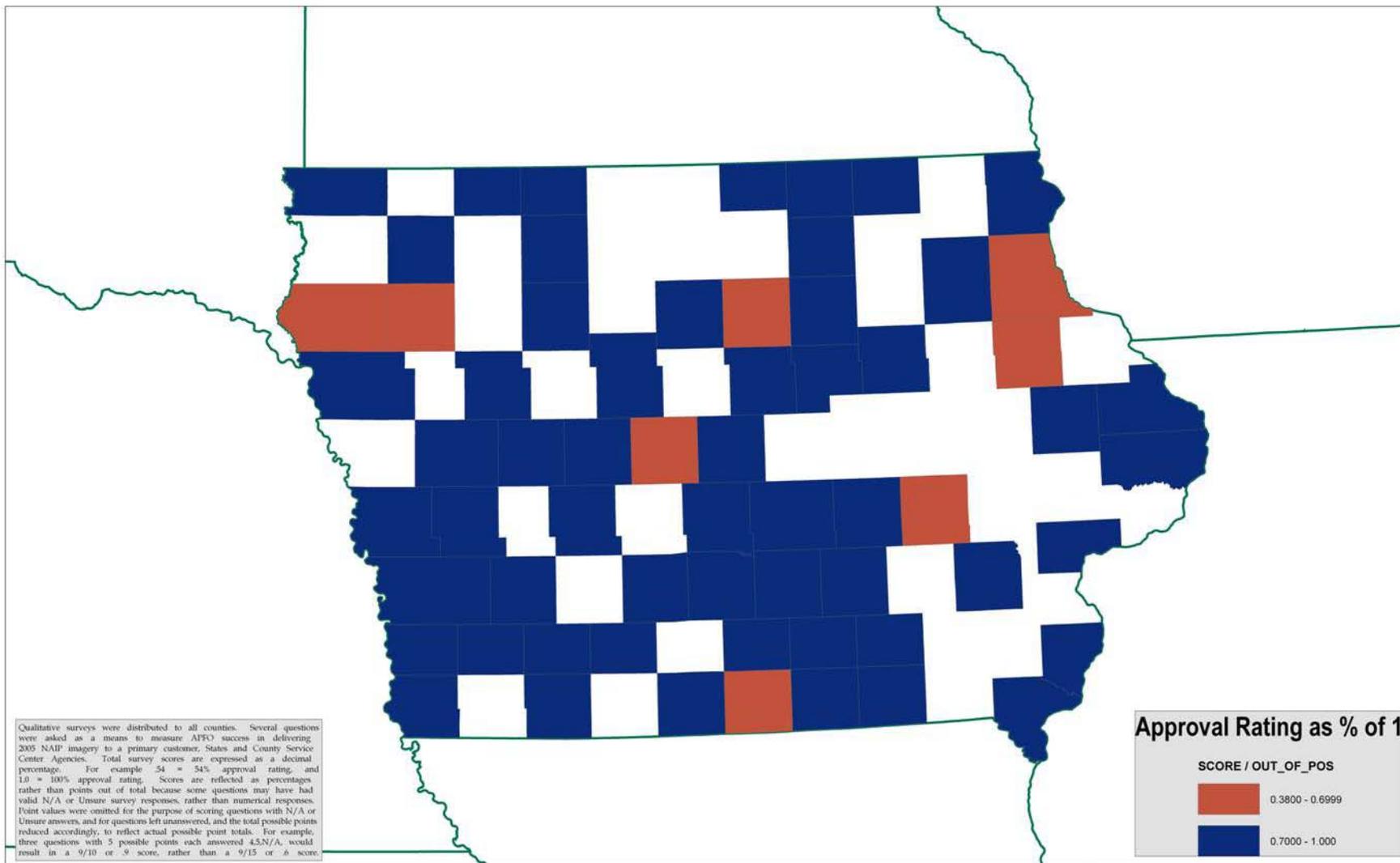
CNTYNAME	FIPS	SCORE	OUT_OF_POS	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9_X2	Q10_X2	Q11	Q12	
IA BOONE	19015	19	50	2	1	2	2	2	1	3	2	4		Soybeans	Spring Oats	
IA PLYMOUTH	19149	24	45	3	2	4	4					1	6	4	Corn For Grai Soybeans	
IA HOWARD	19089	28	35	4	4	4	4		4					8	Corn For Grai Soybeans	
IA DELAWARE	19055	29	50	5	3	3	4			3		1	4	6	Corn For Grai Soybeans	
IA PALO ALTO	19147	31	40	4	3	4	4							8	Corn For Grai Soybeans	
IA CHEROKEE	19035	32	50	4	3	3	3			4		3	6	6		
IA LYON	19119	34	45	5	4	3	3			3				8	Corn For Grai Soybeans	
IA BLACK HAWK	19013	35	45	4	3	4	4				2			8	10	
IA BUTLER	19023	36	45	5	4	4				3		4	8	8	Corn For Grai Soybeans	
IA CASS	19029	36	45	5	4	5	5			5			10	2	Corn For Grai Soybeans	
IA FRANKLIN	19069	39	60	4	4	3	4		3	3	3		6	6	Corn For Grai Soybeans	
IA IOWA	19095	39	60	4	3	3	3		3	3	3	3	6	8	Corn For Grai Soybeans	
IA WAYNE	19185	39	60	3	3	3	3		3	3	3	4	6	8	Corn Soybeans	
IA APPANOOSE	19007	40	50	3	4	4	5			4		4	8	8		
IA CLAYTON	19043	40	60	2	2	3	4		4	4	4	5	6	6	Corn For Grai Soybeans	
IA JACKSON	19097	40	50	5	4	4	4			4		3	8	8	Corn For Grai Soybeans	
IA WEBSTER	19187	40	50	4	4	4	4			4		4	8	8	Corn For Grai Soybeans	
IA DAVIS	19051	41	45	5	5	5	5			5					Corn For Grai Soybeans	
IA STORY	19169	42	60	4	4	3	3		3	4	3					
IA POCAHONTAS	19151	43	50	3	4	5	5			5		5				
IA POWESHIEK	19157	43	45	5	4	5	5			5		4			Corn For Grai Soybeans	
IA FAYETTE	19065	44	55	4	4	4			4	4					Corn For Grai	
IA MADISON	19121	44	50	4	5	5	5			3		3	8	10	Corn For Grai Soybeans	
IA JONES	19105	45	60	4	4	4	4			4		3		6	Corn For Grai Soybeans	
IA CLINTON	19045	46	50	4	4	5	5						8	10	Corn For Grai Soybeans	
IA LUCAS	19117	47	60	5	4	4	4			4			8	8	Corn For Grai Hay (Alfalfa)	
IA MITCHELL	19131	47	60	4	4	4	4			4		4	8	8	Corn For Grai Soybeans	
IA EMMET	19063	48	60							4		4	8	8	Corn For Grai Soybeans	
IA HARDIN	19083	48	4	4	4	4	4			4		4	8	8	Corn For Grai Soybeans	
IA HARRISON	19085	48	4	4	4	4	4			5	5	8	8	10	Corn For Grai Soybeans	
IA WOODBURY	19193	48	5	5	3	4	4			4	3	4	8	8	Corn For Grai Soybeans	
IA ADAMS	19003	49	5	5	5	5	5			5	3	5	8	10	Corn For Grai Soybeans	
IA CRAWFORD	19047	49	5	5	5	5	5			5		4	10	10	Corn For Grai Soybeans	
IA LEE	19111	49	4	4	4	4	4			4	4	4	8	8	Corn For Grai Soybeans	
IA MONTGOMERY	19137	49	5	5	5	5	5			3	3	3	10	10	Corn For Grai Soybeans	
IA ALLAMAKEE	19010	50	5	4	5	4	4			4	4	4	8	8	Spring Oats Hay (Alfalfa)	
IA SHELBY	19150	50	55	5	2	5	5			5	5	5	8	10	Corn For Grai Soybeans	
IA WAPELLO	19181	50	5	5	5	5	5			5		5	10	10	Corn For Grai Soybeans	
IA WARREN	19188	50	60	5	5	5	5			4	4	4	8	6	Corn For Grai Soybeans	
IA WRIGHT	19197	50	60	4	4	5	4			4	5	4	8	8	Corn For Grai Soybeans	
IA GRUNDY	19105	51	55	5	5	5	5			5	5	5	8	8	Corn For Grai Soybeans	
IA DECATUR	19061	52	60	4	5	5	5			4	4	3	2	10	10	Corn For Grai Soybeans
IA MAHASKA	19124	52	55	5	5	5	4			4	5		4	10	10	Corn For Grai Soybeans
IA TAYLOR	19173	52	60	5	5	5	5			4	5	2	3	10	8	Corn For Grai Soybeans
IA MARION	19125	53	60	5	4	5	5			3	4	3	4	10	10	Corn For Grai Corn For Grai
IA POLK	19153	53	60	3	4	5	5			5	5	5	10	6	Corn For Grai Soybeans	
IA WORTH	19195	53	60	3	4	5	5			5	5	5	8	8	Corn For Grai Soybeans	
IA DICKINSON	19059	54	60	3	5	5	5			5	5	3	5	8	10	Corn For Grai Soybeans
IA FREMONT	19071	54	60	3	4	5	5			5	5	4	5	8	10	Corn For Grai Soybeans
IA GREENE	19073	55	55	5	5	5	5			5	5	5	10	10	Corn For Grai Soybeans	
IA GUTHRIE	19077	55	60	5	5	5	5			2	5	3	5	10	10	Corn For Grai Soybeans
IA WASHINGTON	19183	55	60	4	4	4	5			4	5	4	5	10	10	Corn For Grai Soybeans
IA FLOYD	19067	57	60	5	5	5	5			4	5	5	5	10	8	Corn For Grai Soybeans
IA SAC	19161	57	60	5	5	5	5			4	5	4	4	10	10	Corn For Grai Soybeans
IA JASPER	19099	58	60	5	5	5	5			4	5	4	5	10	10	Corn For Grai Soybeans
IA MUSCATINE	19139	58	60	5	5	5	5			4	5	5	4	10	10	Corn For Grai Soybeans
IA CARROLL	19027	60	60	5	5	5	5			5	5	5	5	10	10	Corn For Grai Soybeans
IA DES MOINES	19057	60	60	5	5	5	5			5	5	5	5	10	10	
IA MILLS	19129	60	60	5	5	5	5			5	5	5	5	10	10	Corn For Grai Soybeans
IA MONROE	19135	60	60	5	5	5	5			5	5	5	5	10	10	Corn For Grai Soybeans
IA O BRIEN	19141	60	60	5	5	5	5			5	5	5	5	10	10	Corn For Grai Soybeans
IA POTTAWATTAMIE	19155	60	60	5	5	5	5			5	5	5	5	10	10	Corn For Grai Soybeans
IA UNION	19175	60	60	5	5	5	5			5	5	5	5	10	10	Corn For Grai Soybeans
Total		2950	3480													

This is Not An Eye Test!

Derived from the Raw Data of Counties in IA that have Taken the Survey, 2950 Points were Accrued out of a Possible 3480.
 $2950/3480 = 84.77\%$ Overall Survey Scoring Average

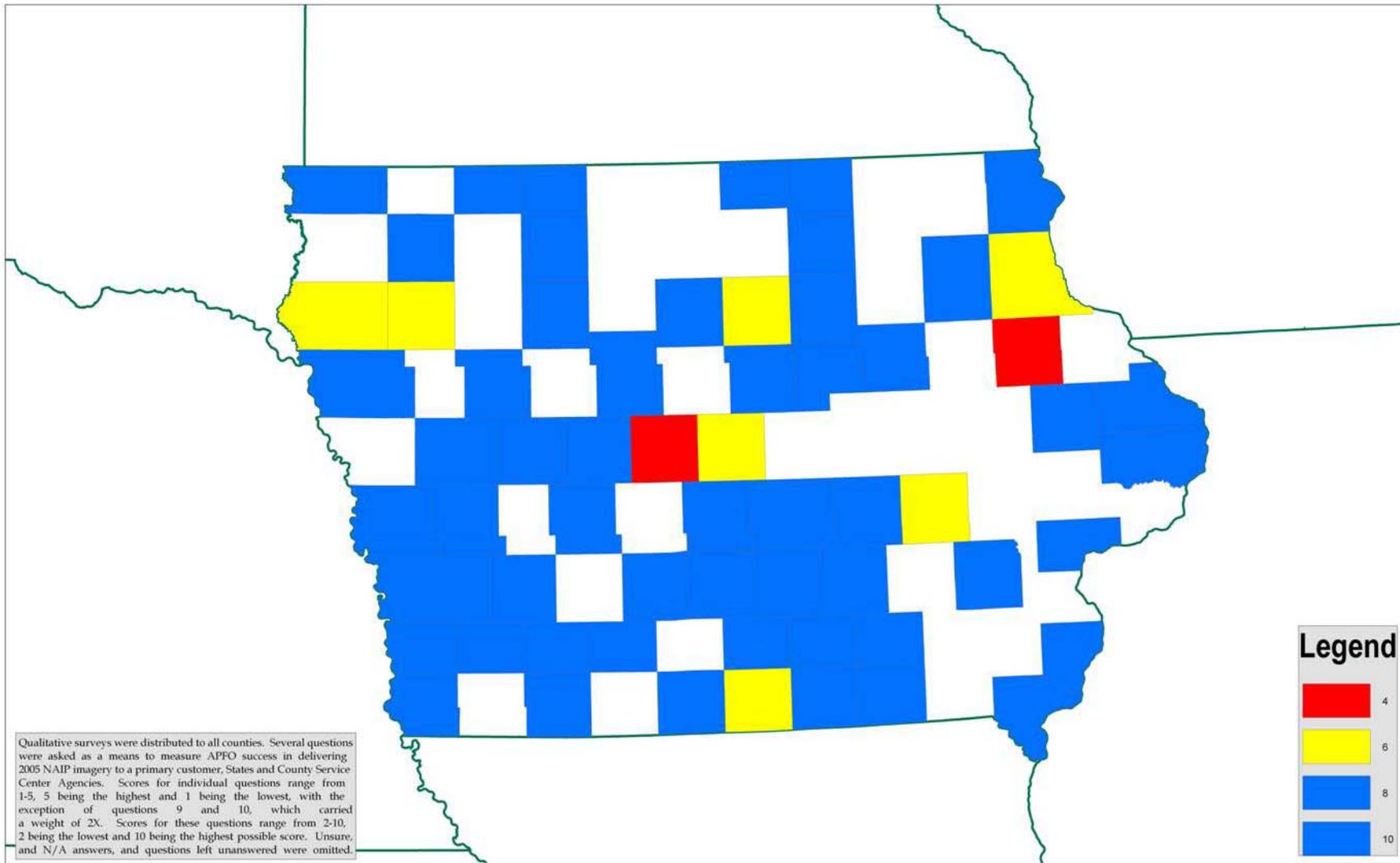
Survey Results - Iowa

2005 NAIP - Overall Qualitative Survey Results



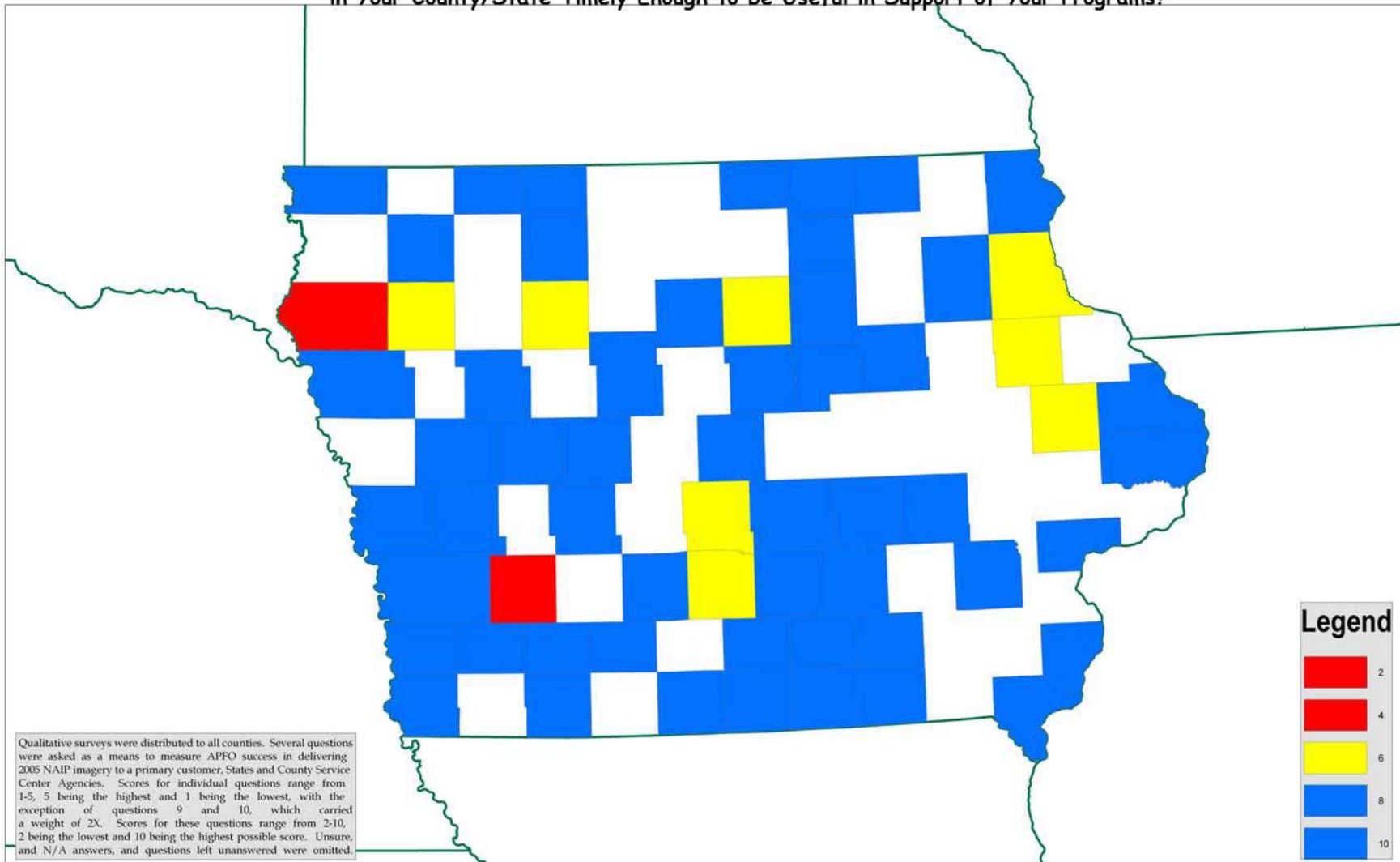
Survey Results - Iowa

2005 NAIP - Q9 - Overall, how Satisfied are You with 2005 NAIP Acquisition and Delivery in Your County/State?



Survey Results - Iowa

2005 NAIP - Q10 - Overall, was 2005 NAIP Acquisition and Deliver
in Your County/State Timely Enough to be Useful in Support of Your Programs?



Qualitative surveys were distributed to all counties. Several questions were asked as a means to measure APFO success in delivering 2005 NAIP imagery to a primary customer, States and County Service Center Agencies. Scores for individual questions range from 1-5, 5 being the highest and 1 being the lowest, with the exception of questions 9 and 10, which carried a weight of 2X. Scores for these questions range from 2-10, 2 being the lowest and 10 being the highest possible score. Unsure, and N/A answers, and questions left unanswered were omitted.



0 25 50 Kilometers



Survey Results - Iowa

■ Survey Comments

- I am able to tell the difference between crops but I am not able to identify the crops without a certification map from the producer.
- If our county had been flown earlier, it would have been much easier to determine oats from alfalfa or mixed hay.
- The imagery from last year was much better.
- It is very difficult to tell the difference this year between corn and beans. The colors are primarily in the gray tones with just a little difference in a touch of green.
- Our imagery was taken August 6th. We would be better served if the date was 2 or 3 weeks earlier.
- The color quality was a disappointment as it is hard to distinguish between crops.

Survey Results - Iowa

■ Survey Comments

- It would be great if the system was faster when working with imagery.
- The imagery for 2005 was not the best quality in our county; not a lot of contrast and color; kind of a gray-green. Last year there was differing colors of green and contrast between crops.
- We have 2 major highways going through our County and the imagery has been really helpful with that.
- It makes certification much easier.
- The 2005 NAIP photos are not as clear as I would like to see. Details are not very clear when zoomed in close.
- The 2005 NAIP imagery was much better than the 2004.
- Our 2003 imagery was not usable due to poor quality. Our 2004 imagery was excellent. Our 2005 imagery is not as good of quality as the 2004, but much better than 2003. It lacks color quality making it difficult to determine crop types.

Survey Results - Oklahoma

Question by Question Breakdown

Q1		Q2		Q3		Q4		Q5	
Mean	3.555555556	Mean	3.5	Mean	4.142857143	Mean	4.294117647	Mean	3.84375
Standard Error	0.223409527	Standard Error	0.216391767	Standard Error	0.188505209	Standard Error	0.186579167	Standard Error	0.211128759
Median	4	Median	3.5	Median	5	Median	5	Median	4
Mode	4	Mode	5	Mode	5	Mode	5	Mode	5
Standard Deviation	1.34045716	Standard Deviation	1.298350602	Standard Deviation	1.115211854	Standard Deviation	1.087934149	Standard Deviation	1.194324617
Sample Variance	1.796825397	Sample Variance	1.685714286	Sample Variance	1.243697479	Sample Variance	1.183600713	Sample Variance	1.42641129
Kurtosis	-0.428615912	Kurtosis	-0.89706228	Kurtosis	1.63453126	Kurtosis	3.238957933	Kurtosis	0.129127628
Skewness	-0.841378662	Skewness	-0.373201476	Skewness	-1.376981898	Skewness	-1.833501519	Skewness	-0.891732158
Range	4								
Minimum	1								
Maximum	5								
Sum	128	Sum	126	Sum	145	Sum	146	Sum	123
Count	36	Count	36	Count	35	Count	34	Count	32
Q6		Q7		Q8		Q9		Q10	
Mean	4.085714286	Mean	3.807692308	Mean	3.833333333	Mean	7.333333333	Mean	6.944444444
Standard Error	0.185034308	Standard Error	0.22201338	Standard Error	0.193136188	Standard Error	0.4062996	Standard Error	0.425281316
Median	4	Median	4	Median	4	Median	8	Median	8
Mode	5	Mode	4	Mode	4	Mode	8	Mode	6
Standard Deviation	1.094677728	Standard Deviation	1.132050556	Standard Deviation	1.158817131	Standard Deviation	2.437797601	Standard Deviation	2.551687895
Sample Variance	1.198319328	Sample Variance	1.281538462	Sample Variance	1.342857143	Sample Variance	5.942857143	Sample Variance	6.511111111
Kurtosis	1.658204518	Kurtosis	1.275078642	Kurtosis	0.259269929	Kurtosis	-0.07918552	Kurtosis	-0.53824123
Skewness	-1.319774529	Skewness	-1.20466837	Skewness	-0.939631498	Skewness	-0.812988105	Skewness	-0.546275856
Range	4	Range	4	Range	4	Range	8	Range	8
Minimum	1	Minimum	1	Minimum	1	Minimum	2	Minimum	2
Maximum	5	Maximum	5	Maximum	5	Maximum	10	Maximum	10
Sum	143	Sum	99	Sum	138	Sum	264	Sum	250
Count	35	Count	26	Count	36	Count	36	Count	36

Q1-Q8 Mean is out of possible 5 points.

Q9-10 Mean is out of a possible 10 points.

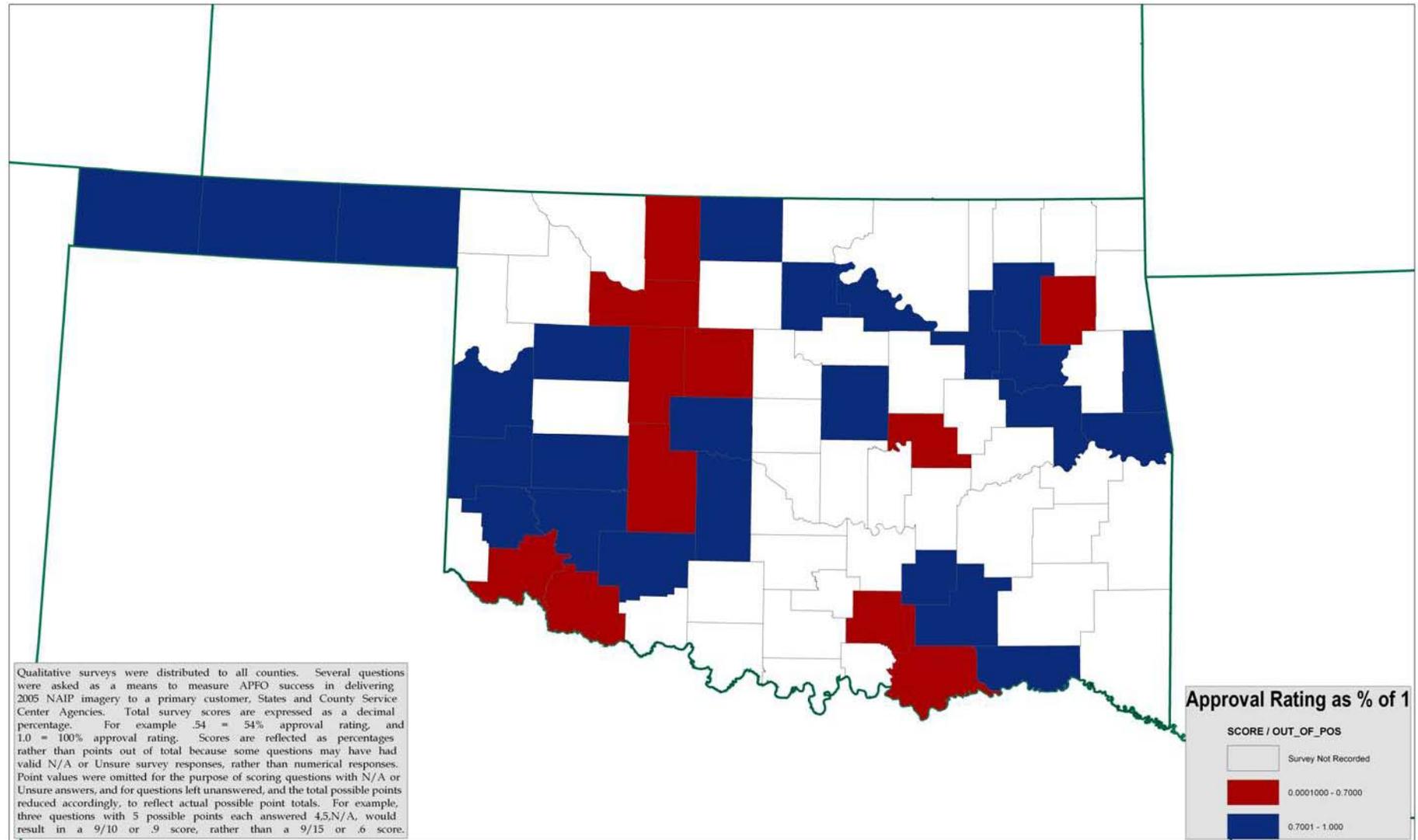
ST	CNTYNAME	FIPS	SCORE	OUT_OF_POS	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9_X2	Q10_X2	Q11	Q12
OK	MAJOR	40093	20	50	1	1	3	3		4		2	4		2 Winter Wheat	Hay (Alfalfa)
OK	JOHNSTON	40069	21	60	3	4	1	1	1	1	1	1	2		6 Hay (Other)	Other
OK	BRYAN	40013	22	60	4	2	1	1	1	1	1	1	6		4 Corn For Grai	Winter Wheat
OK	JACKSON	40065	27	55	4	1	3	3	2	4		2	2		6 Winter Wheat	Cotton
OK	CADDO	40015	30	60	1	3	5	5	3	3	3	3	2		2 Winter Wheat	Peanuts
OK	TILLMAN	40141	31	60	1	2	4	4	4	3	4	3	4		2 Winter Wheat	Cotton
OK	OKFUSKEE	40107	32	55	3	3	3	4	2	3		4	6		4 Winter Wheat	Other
OK	ALFALFA	40003	34	55	1	3	5	5	5	4			4		4	
OK	BLAINE	40011	38	60	2	1	5	5	3	5			6		6 Winter Wheat	Rye
OK	TEXAS	40139	38	50	4	4	4	3					8		8 Corn For Grai	Winter Wheat
OK	MAYES	40097	39	60	2	2	5	5	5	4					2 Winter Wheat	Soybeans
OK	LINCOLN	40081	40	50	4	4	4	4	4	4			8		8 Winter Wheat	Soybeans
OK	MUSKOGEE	40101	40	55	4	3	3	3	3	3			6		6 Corn For Grai	Soybeans
OK	KINGFISHER	40073	41	60	4	5	5	5	5	5	2		6		6 Winter Wheat	Rye
OK	KIOWA	40075	42	50	3	3	3	3	3	3		5	6		6 Winter Wheat	Cotton
OK	WAGONER	40145	42	50	5	5	5	5	5	4	5		8		6 Soybeans	Winter Wheat
OK	CANADIAN	40017	44	60	4	4	4	1	3	3	3	3	8		8 Winter Wheat	Hay (Alfalfa)
OK	DEWEY	40043	44	50	3	3	5	5	4	4	3	4	8		6 Winter Wheat	Sorghum For S
OK	NOBLE	40103	44	50	5	5	5	3	4	3	3		8		6 Winter Wheat	Soybeans
OK	CHOCTAW	40023	44	40	4	4	3	3	3	4	4	4	8		8 Corn For Grai	Soybeans
OK	COMANCHE	40031	44	40	4	5	5	5	3				4	10	10 Winter Wheat	Cotton
OK	BECKHAM	40021	44	60	2	2	5	5	5	3	4	5	10		8 Winter Wheat	Cotton
OK	GREER	40041	49	60	5	3	4	4	4	5	4	4	8		8 Winter Wheat	Cotton
OK	PAWNEE	40039	49	55	4	5	5	5	4	5		5	8		8 Winter Wheat	Soybeans
OK	ROGER MILLS	40049	49	60	4	3	5	5	4	5	4	5	8		6 Winter Wheat	Hay (Alfalfa)
OK	ADAIR	40001	50	60	5	5	3	5	4	4	4	4	8		8 Spring Wheat	Hay (Other)
OK	GRADY	40040	50	50	5	5	5	5		5		5	10		10 Winter Wheat	Hay (Alfalfa)
OK	SEQUOYAH	40135	50	60	5	5	3	5	4	4	4	4	8		8 Corn For Grai	Soybeans
OK	GRANT	40053	51	60	4	3	5	5	4	5	4	5	8		8 Winter Wheat	Sorghum For G
OK	CIMARRON	40025	55	55	5	5	5		5	5	5	5	10		10 Winter Wheat	Corn For Grai
OK	ROGERS	40131	55	60	4	3	4	5	5	5	5	4	10		10 Soybeans	Winter Wheat
OK	TULSA	40143	55	60	4	3	4	5	5	5	5	4	10		10 Soybeans	Winter Wheat
OK	ATOKA	40005	60	60	5	5	5	5	5	5	5	5	10		10 Other	Cotton
OK	BEAVER	40007	60	60	5	5	5	5	5	5	5	5	10		10 Winter Wheat	Sorghum For G
OK	COAL	40029	60	60	5	5	5	5	5	5	5	5	10		10 Other	Winter Wheat
OK	WASHITA	40149	60	60	5	5	5	5	5	5	5	5	10		10 Winter Wheat	Cotton
	Total		1562	2070												

This is Not An Eye Test Either

Derived from the Raw Data of Counties in OK that have Taken the Survey, 1562 Points were Accrued out of a Possible 2070.
 $1562/2070 = 75.46\%$ Overall Survey Scoring Average

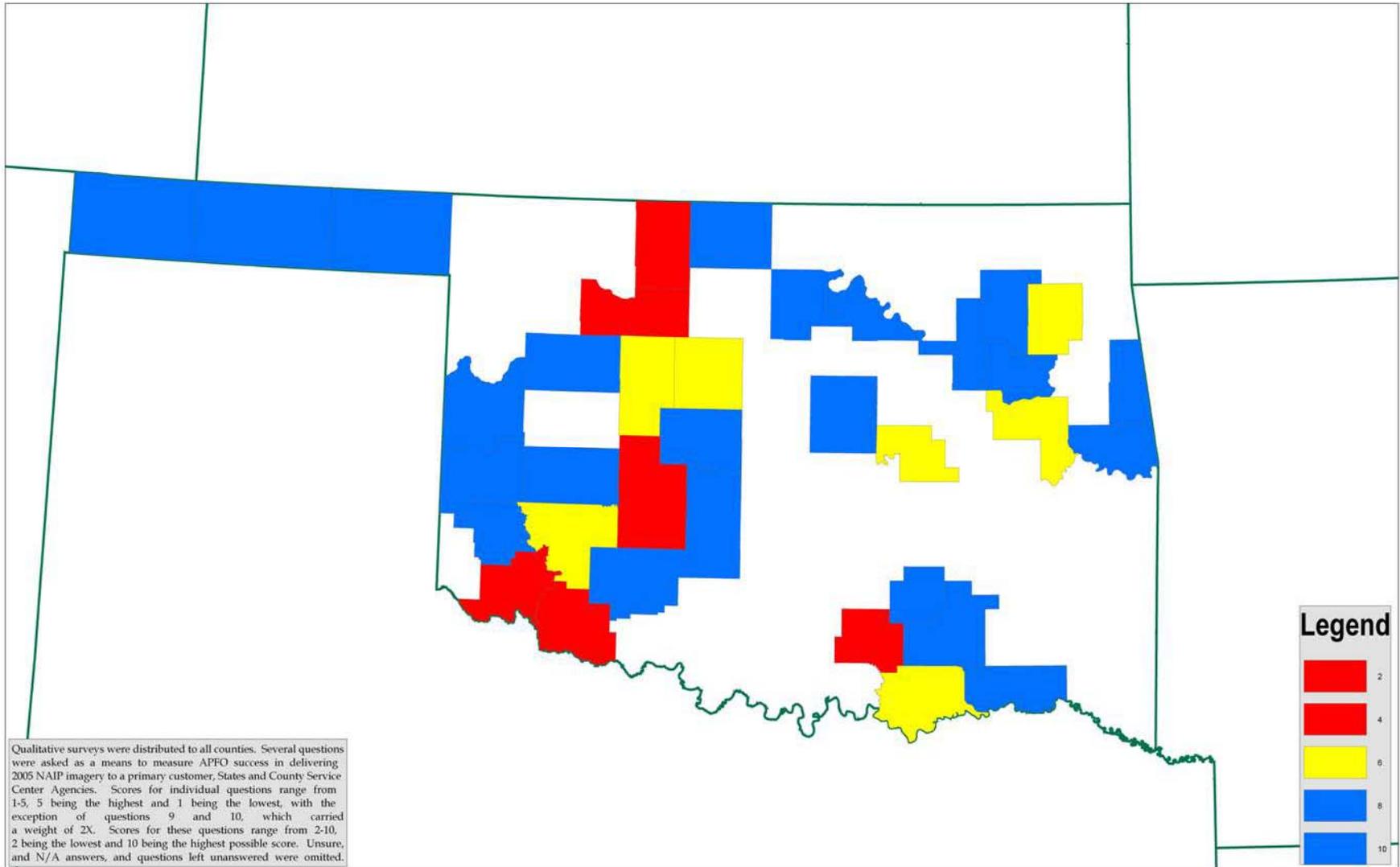
Survey Results - Oklahoma

2005 NAIP - Overall Qualitative Survey Results



Survey Results - Oklahoma

2005 NAIP - Q9 - Overall, how Satisfied are You with 2005 NAIP Acquisition and Delivery in Your County/State?



Qualitative surveys were distributed to all counties. Several questions were asked as a means to measure APFO success in delivering 2005 NAIP imagery to a primary customer, States and County Service Center Agencies. Scores for individual questions range from 1-5, 5 being the highest and 1 being the lowest, with the exception of questions 9 and 10, which carried a weight of 2X. Scores for these questions range from 2-10, 2 being the lowest and 10 being the highest possible score. Unsure, and N/A answers, and questions left unanswered were omitted.

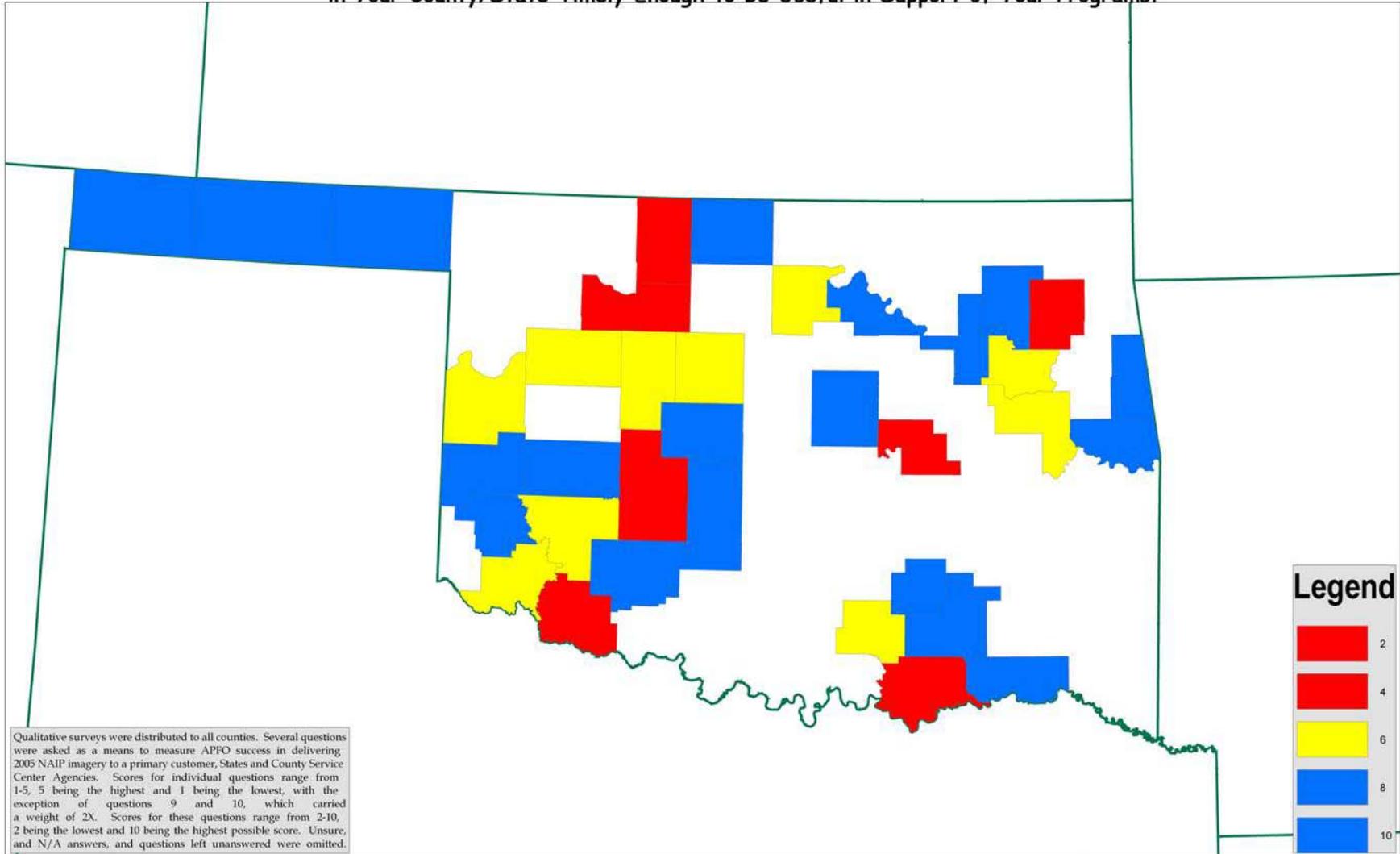


0 25 50 Kilometers



Survey Results - Oklahoma

2005 NAIP - Q10 - Overall, was 2005 NAIP Acquisition and Deliver
in Your County/State Timely Enough to be Useful in Support of Your Programs?

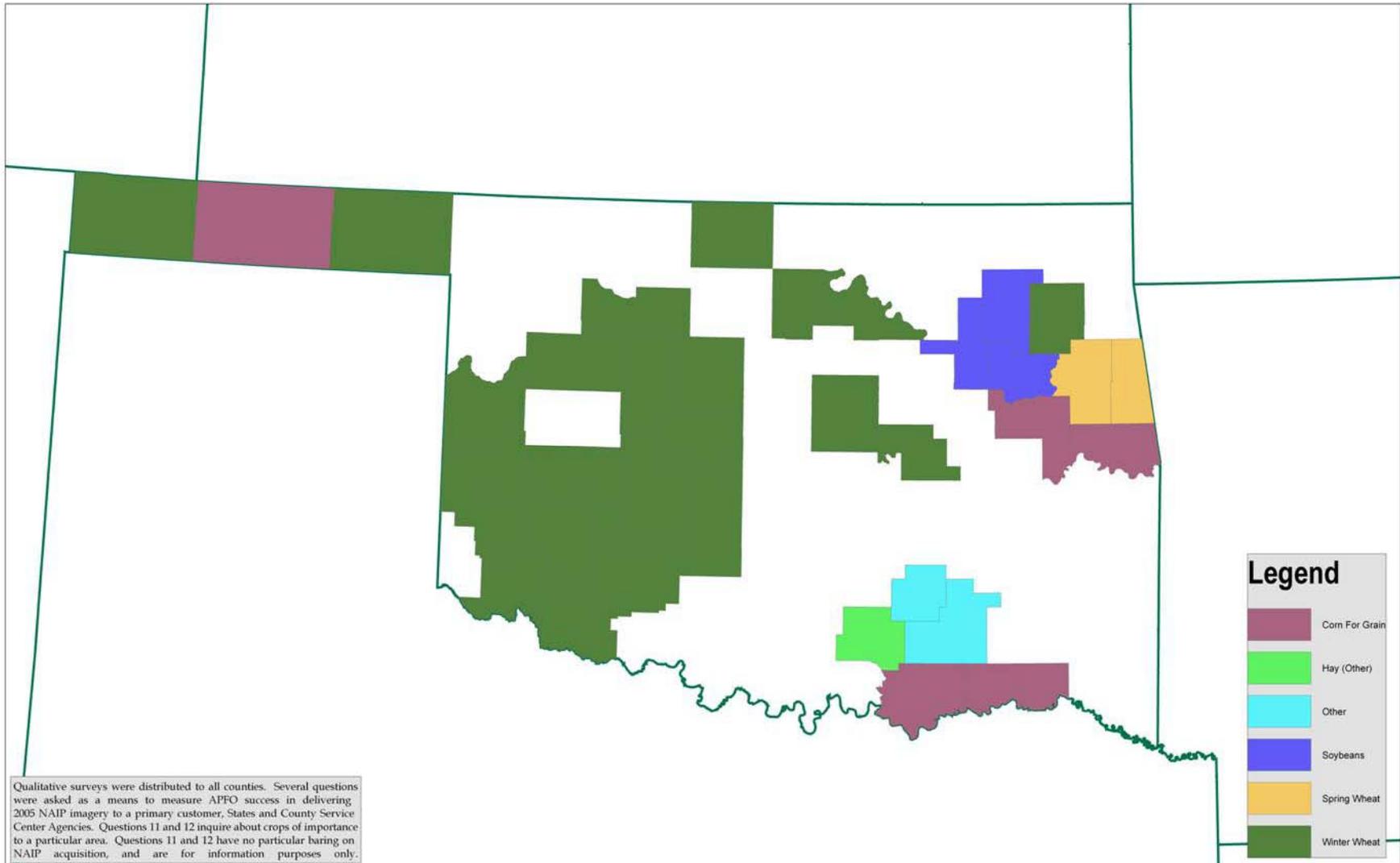


Qualitative surveys were distributed to all counties. Several questions were asked as a means to measure APFO success in delivering 2005 NAIP imagery to a primary customer, States and County Service Center Agencies. Scores for individual questions range from 1-5, 5 being the highest and 1 being the lowest, with the exception of questions 9 and 10, which carried a weight of 2X. Scores for these questions range from 2-10, 2 being the lowest and 10 being the highest possible score. Unsure, and N/A answers, and questions left unanswered were omitted.



Survey Results - Oklahoma

2005 NAIP - Q11 - What is the Crop Type of Primary Importance in Your Area?



Qualitative surveys were distributed to all counties. Several questions were asked as a means to measure APFO success in delivering 2005 NAIP imagery to a primary customer, States and County Service Center Agencies. Questions 11 and 12 inquire about crops of importance to a particular area. Questions 11 and 12 have no particular bearing on NAIP acquisition, and are for information purposes only.



Survey Results - Oklahoma

■ Survey Comments

- The newer color photography makes an acreage report more accurate, because producers seem to orient themselves better using it rather than the old black and white photography.
- The quality of the image is excellent, and I know that better imagery costs money, but when we can afford it let's buy the best quality we can afford. It would be better to get closer to the surface of the earth without blurring.
- The NAIP process is good, our problem is not technology but rather the lack of employees needed to utilize the technology. We have the NAIP imagery but have still not begun our 2005 compliance spot checks due to the CDP program, LAP program, NAP activity etc. and no extra help.
- Having the imagery at 1 meter instead of 2 would help with clarity.
- The quality of the 2005 NAIP was not as good as the previous year
- Need flights flown earlier (mid May); Need the imagery in office timely.

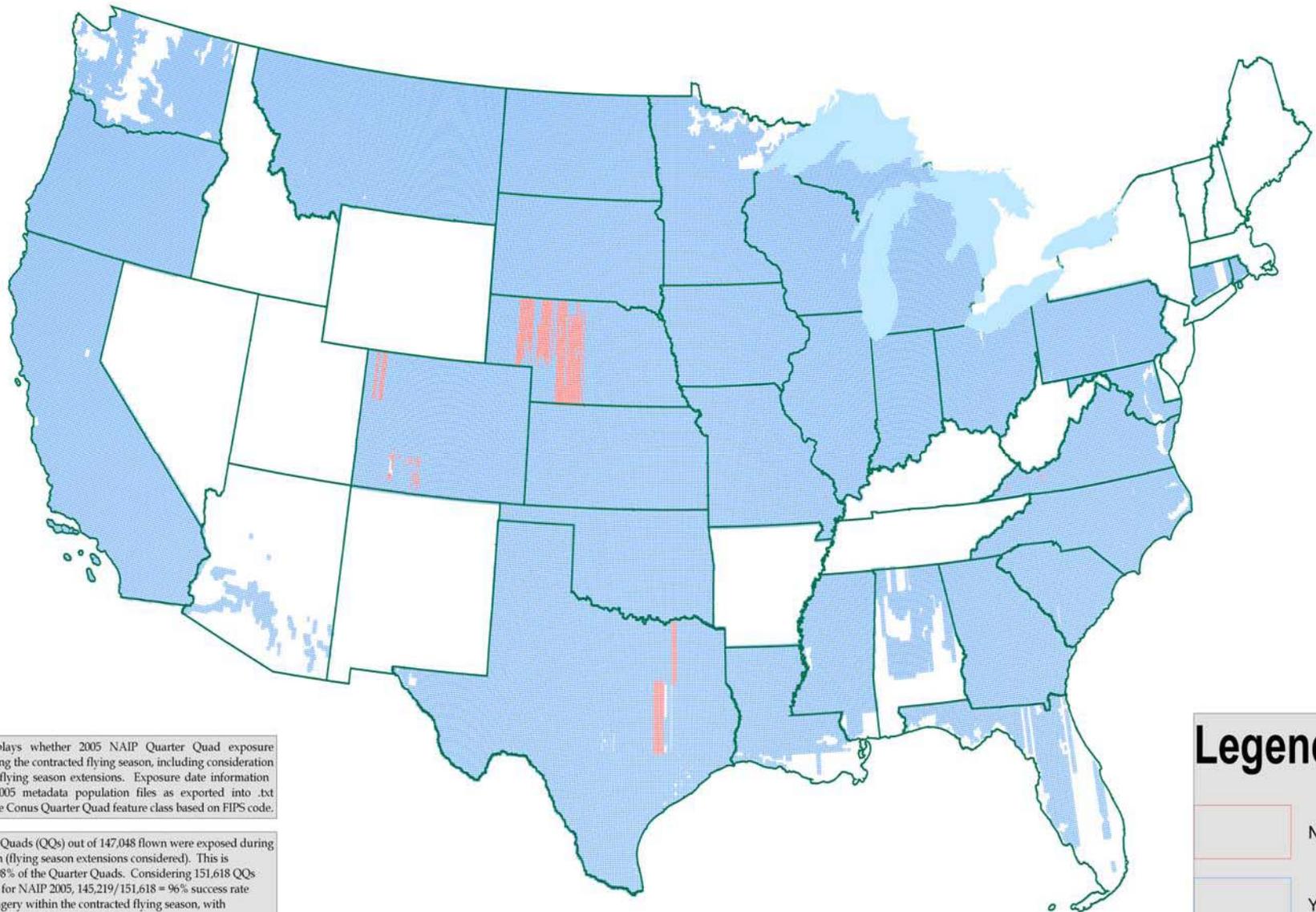
Survey Results - Oklahoma

■ Survey Comments

- Have the imagery taken on or very near to the dates that the county requests. If we could have the imagery available in the office earlier we could save a good number of trips to the field. Determination could be made earlier along with compliance activities.
- The 2005 NAIP was so bad that we were unable to use it for anything, much less for compliance purposes.
- It would be helpful to have our county flown twice a year for compliance.
- We are very satisfied with the timing and quality of the compliance imagery. Lower marks are due to the problems experienced with ArcMap Compliance software failure.
- Better training material should be provided to the user.
- I think late April or early May would be a good time to fly north central Oklahoma winter wheat counties, they may even be good in March?
- I have been with the agency for 27 years in December, and this is the best improvement to any program area I have seen in that time. I love it.

2005 NAIP - Were Exposure Dates During the Flying Season?

Contractual Flying Season Extensions Considered. Data Current as of 10 Nov 05



This map displays whether 2005 NAIP Quarter Quad exposure dates were during the contracted flying season, including consideration for contractual flying season extensions. Exposure date information acquired via 2005 metadata population files as exported into .txt and joined to the Conus Quarter Quad feature class based on FIPS code.

145,219 Quarter Quads (QQs) out of 147,048 flown were exposed during the flying season (flying season extensions considered). This is approximately 98% of the Quarter Quads. Considering 151,618 QQs were contracted for NAIP 2005, $145,219 / 151,618 = 96\%$ success rate in acquiring imagery within the contracted flying season, with consideration for flying season extensions.

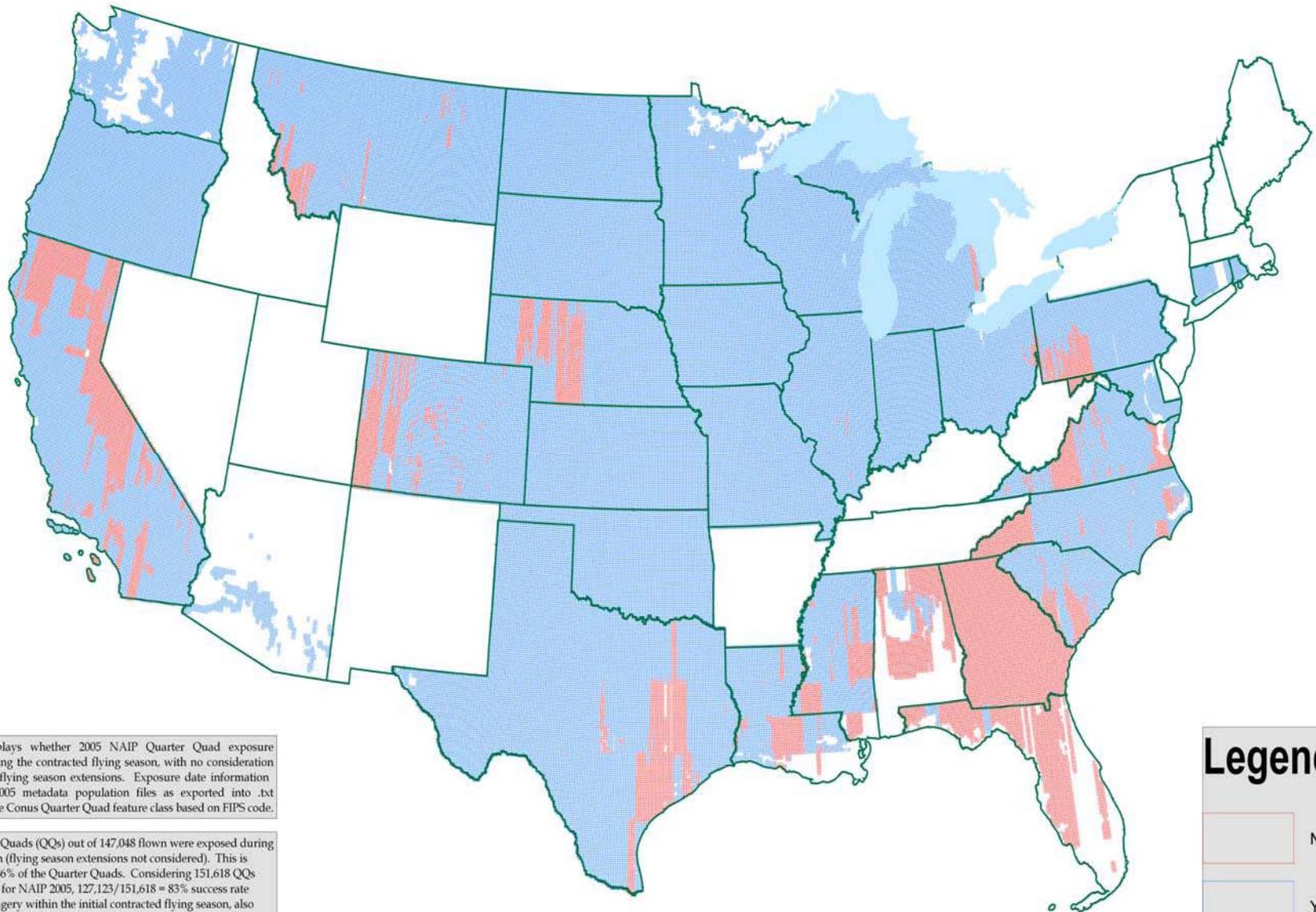
Legend

	No
	Yes



2005 NAIP - Were Exposure Dates During the Flying Season?

Contractual Flying Season Extensions Not Considered. Data Current as of 10 Nov 05



This map displays whether 2005 NAIP Quarter Quad exposure dates were during the contracted flying season, with no consideration for contractual flying season extensions. Exposure date information acquired via 2005 metadata population files as exported into .txt and joined to the Conus Quarter Quad feature class based on FIPS code.

127,123 Quarter Quads (QQs) out of 147,048 flown were exposed during the flying season (flying season extensions not considered). This is approximately 86% of the Quarter Quads. Considering 151,618 QQs were contracted for NAIP 2005, $127,123 / 151,618 = 83\%$ success rate in acquiring imagery within the initial contracted flying season, also referred to as the Planned Acquisition Period.

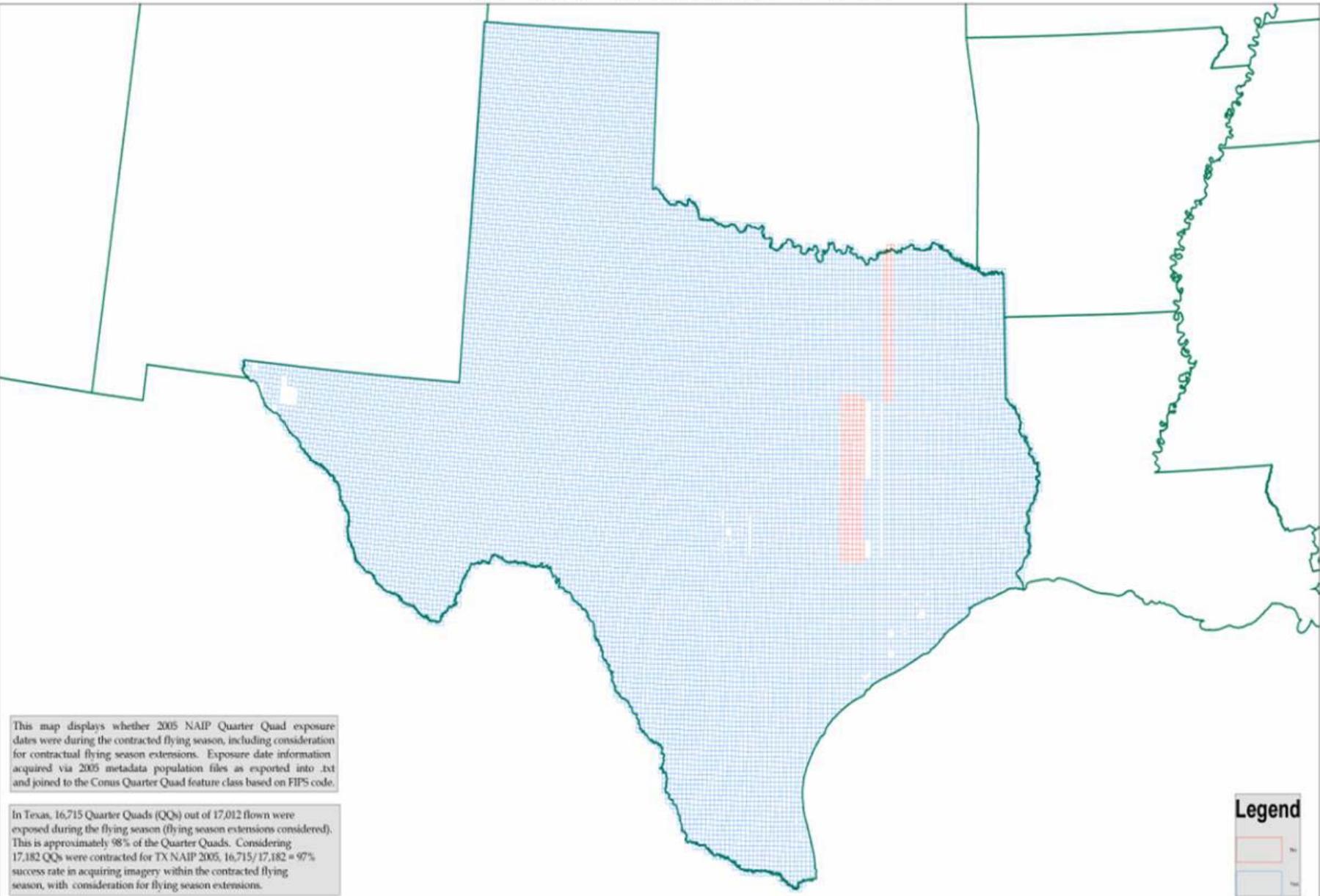
Legend

	No
	Yes



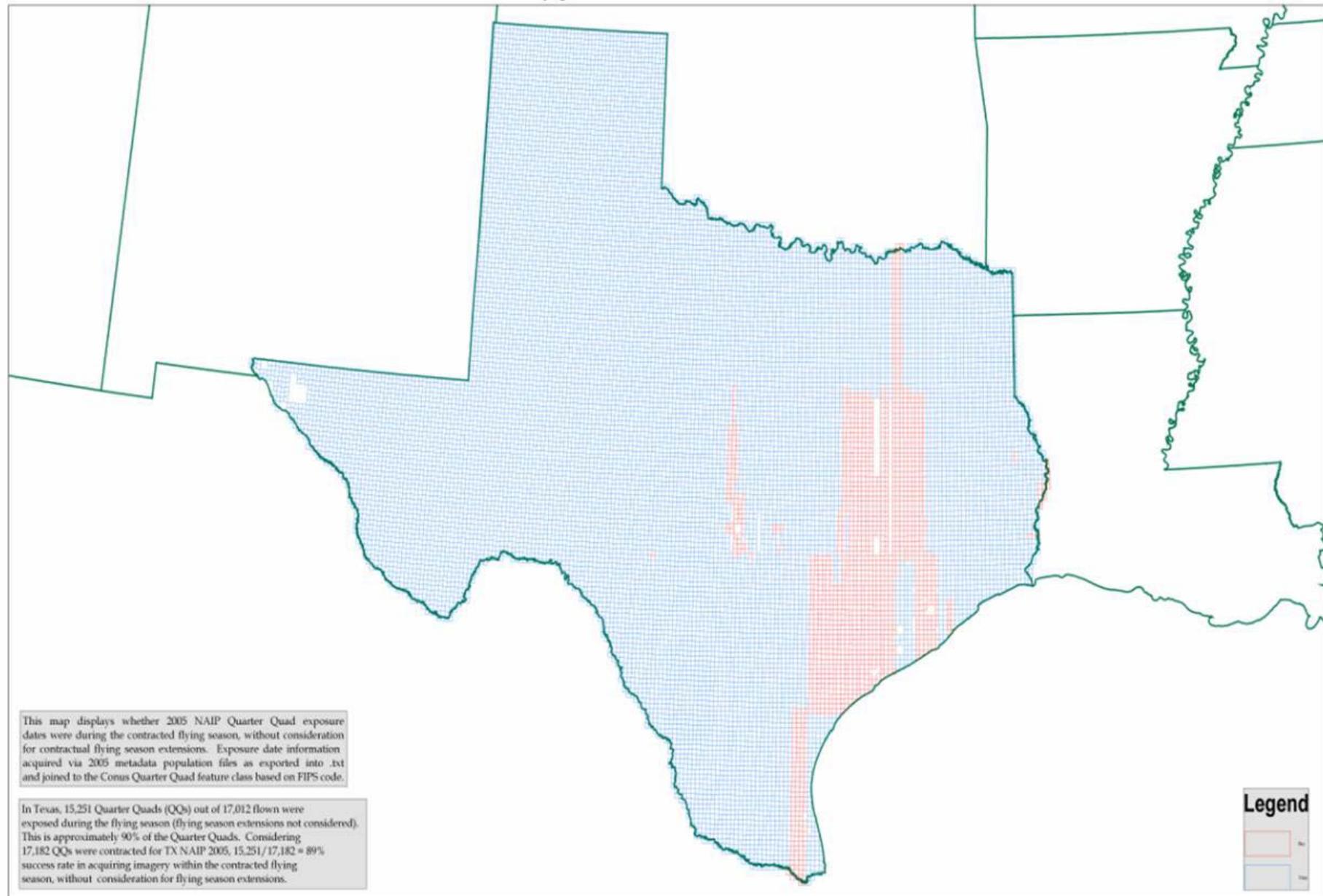
2005 NAIP - Were Exposure Dates During the Flying Season?

Contractual Flying Season Extensions Considered. Data Current as of 10 Nov 05

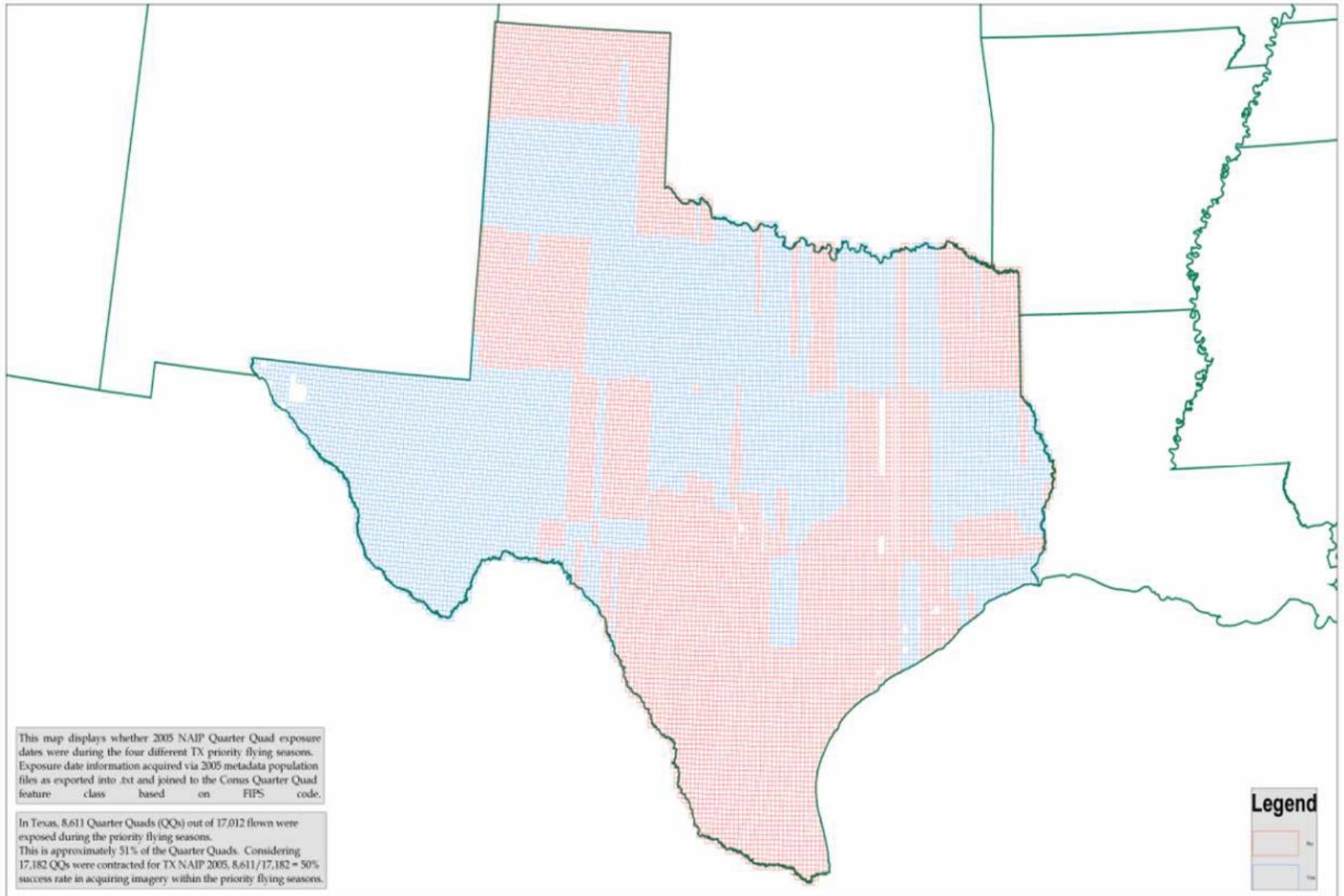


2005 NAIP - Were Exposure Dates During the Flying Season?

Contractual Flying Season Extensions Not Considered. Data Current as of 10 Nov 05



2005 NAIP - Were Exposure Dates During the Priority Flying Seasons?



Legend



This map displays whether 2005 NAIP Quarter Quad exposure dates were during the four different TX priority flying seasons. Exposure date information acquired via 2005 metadata population files as exported into .txt and joined to the Conus Quarter Quad feature class based on FIPS code.

In Texas, 8,611 Quarter Quads (QQs) out of 17,012 flown were exposed during the priority flying seasons. This is approximately 51% of the Quarter Quads. Considering 17,182 QQs were contracted for TX NAIP 2005, $8,611 / 17,182 = 50\%$ success rate in acquiring imagery within the priority flying seasons.

An aerial photograph of a rural landscape, likely a farm or agricultural area. The terrain is divided into numerous rectangular plots of varying sizes, creating a grid-like pattern. The colors of the plots range from dark green to light brown, suggesting different crops or stages of land use. A prominent road or path runs vertically through the center-left of the image. The overall scene is a complex mosaic of agricultural fields.

Questions?