Report to the Farm Financial Stress Task Force

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Bottom line

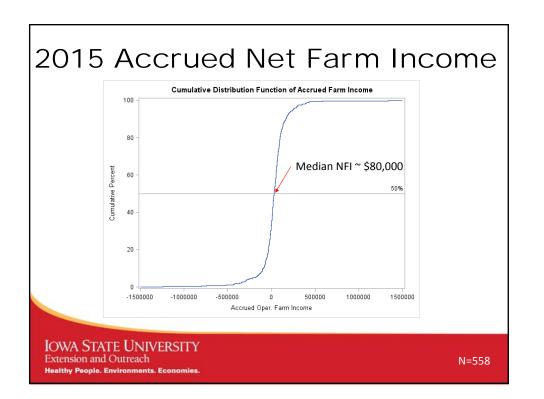
- Wide variability in financial performance of lowa farm operations
- On average, farms burned through \$92,000 of working capital in 2015
- Between Jan 1 2015 and Jan 1 2016:
 - 65% maintained their liquidity and solvency rating
 - 26% lower liquidity and/or solvency rating
- Successful farms: production mix, marketing, costs, yields

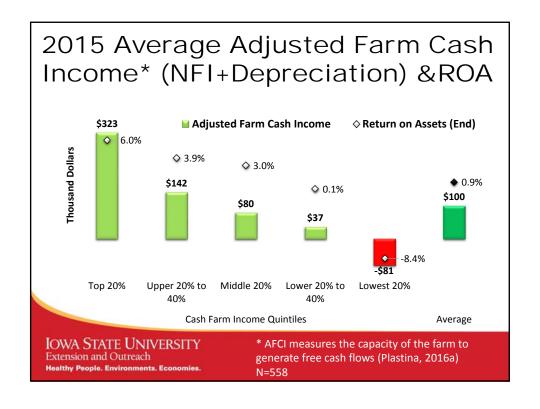
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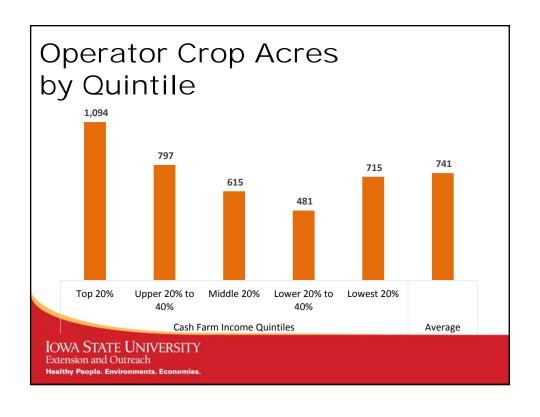
Sources of data

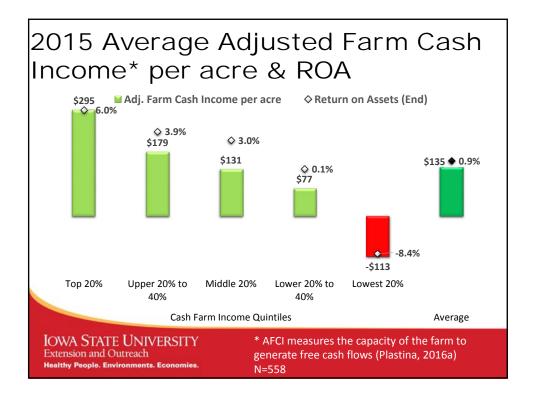
- Farm-level data from the Iowa Farm Business Association (IFBA)
- Commercial farms, typical size 750-800 acres
- 2 studies:
 - all farms (N=558);
 - farms with beginning and ending balance sheets (N=316).
- First time data shared with ISU in 8 years
- Working on new MOU between ISU and IFBA

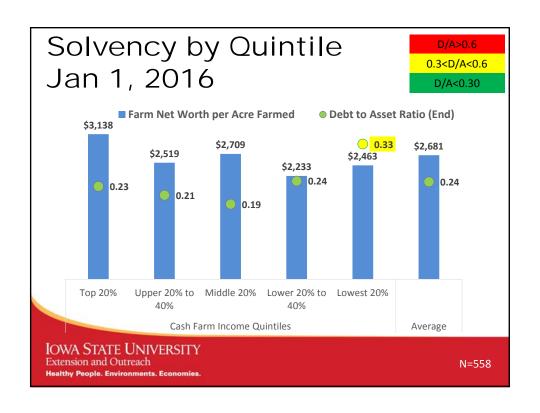
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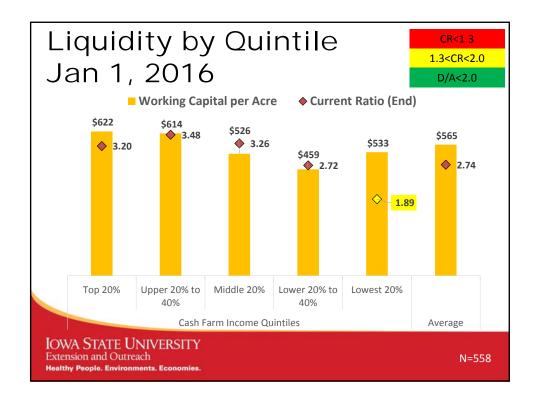


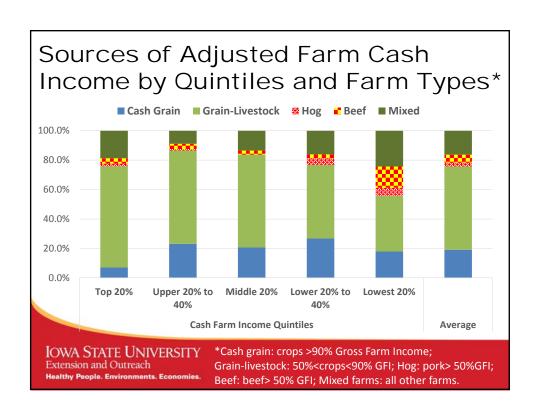


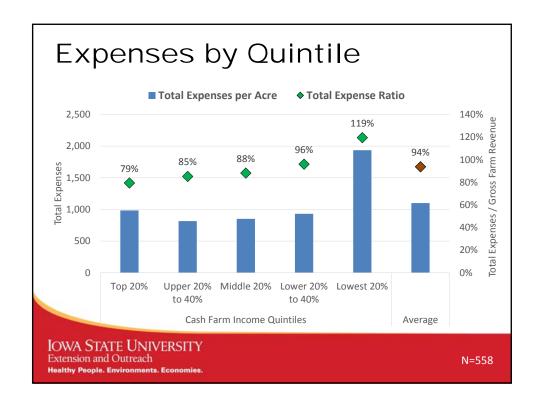


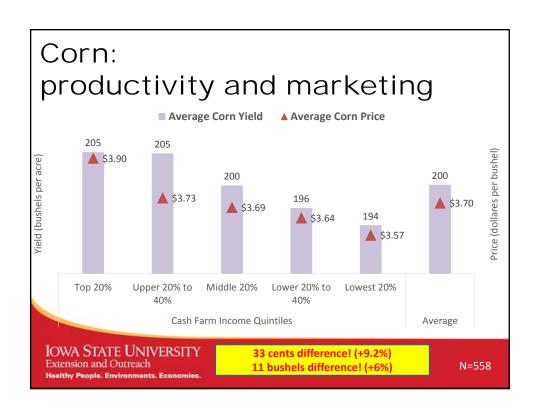


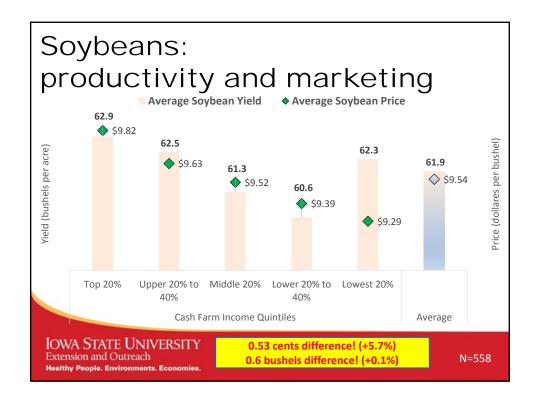


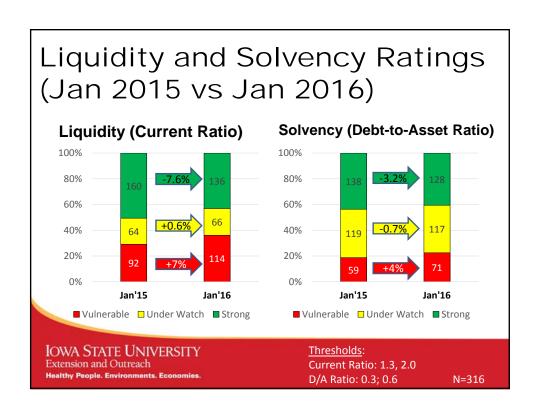












Liquidity and Solvency Classification Matrix

Table 2. Classification matrix for individual farms

		Solvency: Total Debt-to-Asset Ratio			
		<i>Vulnerable:</i> Above 60%	<i>Under Watch:</i> Between 30% and 60%	<i>Strong:</i> Under 30%	
Liquidity: Current Ratio	Vulnerable: Below 1.3	Category 1. Vulnerable liquidity and solvency	Category 2. Vulnerable liquidity and solvency under watch	Category 3. Vulnerable liquidity and strong solvency	
	Under Watch: Between 1.3 and 2.0	Category 4. Liquidity under watch and vulnerable solvency	Category 5. Liquidity and solvency under watch	Category 6. Liquidity under watch and strong solvency	
	Strong: Over 2.0	Category 7. Strong liquidity and vulnerable solvency	Category 8. Strong liquidity and solvency under watch	Category 9. Strong liquidity and solvency	

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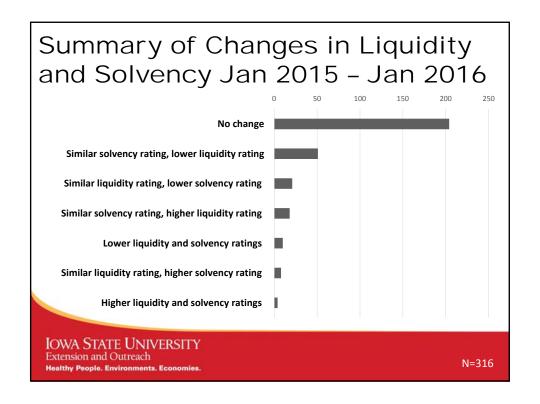
Liquidity and Solvency

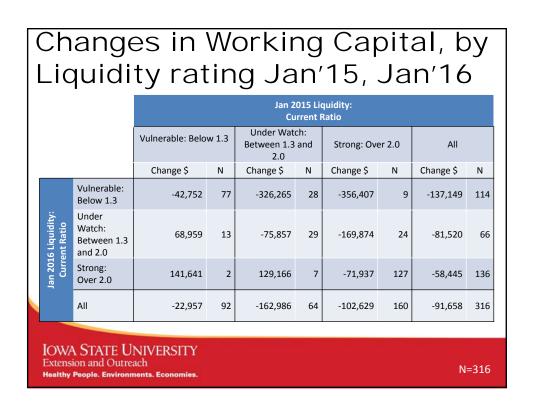
		Jan 2015 Solvency: Total Debt-to-Asset Ratio			
		<i>Vulnerable:</i> Above 60%	<i>Under Watdh:</i> Between 30% and 60%	<i>Strong:</i> Under 30%	All
Jan 2015 Liquidity: Current Ratio	Vulnerable: Below 1.3	13.3% (42)	13.6% (43)	2.2% (7)	29.1% (92)
	Under Watch: Between 1.3 and 2.0	3.5% (11)	10.4% (33)	6.3% (20)	20.3% (64)
	Strong: Over 2.0	1.9% (6)	13.6% (43)	35.1% (111)	50.6% (160)
	All	18.7% (59)	37.7% (119)	43.7% (138)	100% (316)

		Jan 2016 Solvency: Total Debt-to-Asset Ratio			
		<i>Vulnerable:</i> Above 60%	Under Watch: Between 30% and 60%	<i>Strong:</i> Under 30%	All
Jan 2016 Liquidity: Current Ratio	Vulnerable: Below 1.3	17.7% (56)	15.5% (49)	2.9% (9)	36.1% (114)
	Under Watch: Between 1.3 and 2.0	3.2% (10)	10.8% (34)	7% (22)	20.9% (66)
	Strong: Over 2.0	1.6% (5)	10.8% (34)	30.7% (97)	43% (136)
	All	22.5% (71)	37% (117)	40.5% (128)	100% (316)

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N=316





Summary

- Wide variability in financial performance of lowa farm operations
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Full Reports:

- Plastina, A. 2016a. "Iowa Farm Financial Conditions in 2015." Ag Decision Maker File C1-11.
- Plastina, A. 2016b. "Iowa Farms: From Strong to Vulnerable in a Year?" Ag Decision Maker File C1-12.
- Plastina, A. 2016c. "2015 lowa Farm Costs and Returns." Ag Decision Maker File C1-10.

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Thank you for your attention!

Questions?

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