

Electronic ID to Enhance Lamb Productivity & Value-Based Marketing

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Objective

- Demonstrate to the US sheep industry how EID technology can be used to collect more information, share information across multiple sectors of the industry, and improve industry-wide profitability through value based marketing

Methods

- Implement an EID System with 4 MSLC Ranchers
 - David Arieux, Iowa
 - Brad Boner, Wyoming
 - David Fisher, Texas*
 - Paul Wipf, Montana



Project Management

- Mountain States
 - Initiate Project Guideline
 - Order Supplies and Provide EID Training to Rancher
 - Organize and Assist Data Collection
- Texas A&M
 - Consult and Assist Texas Producer
 - Analyze Data and Generate Reports
- Colorado State
 - Carcass Data Collection
- Iowa State
 - Consult and Assist Iowa Producer

Methods

- EID Tag 2016 Lamb Crop
- Collect Individual Lamb Production Data
 - Birth Records
 - Weaning
 - Feedlot Gain
 - Carcass Data
 - Cutability and VIG



Methods

- Provide Lamb Performance Reporting
 - Breed, Sire, Dam, etc
- Survey Ranchers
- Develop Case Studies

Progress Report

- David Ariuex - Iowa
 - Flock Management
 - Lambed during the Winter of 2016
 - Tagged at Birth
 - Feedlot Finished On-Farm
 - Polypay Ewe Flock
 - Terminal Sires
 - Hampshire & Suffolk
 - NSIP and non-NSIP
 - Data Collection Complete



Progress Report

- Brad Boner
 - Flock Management
 - Range Lambing during Summer of 2016
 - Lambs Tagged at Marking/Docking
 - Western White-face Ewe Flock
 - Lambs are Currently in Feedlot
 - Lamb Harvest - Winter of 2017

Progress Report

- David Fisher
 - Flock Management
 - Fall/Winter Lambing of 2015
 - Lambs Tagged at Marking/Docking
 - Lambs Fed at Denis Feedlot
 - 2 Loads
 - Rambouillet Base Ewe Flock
 - Sires
 - Rambouillet, MerinoX, Suffolk
 - PedigreeScan
 - Data Collection Complete



Progress Report

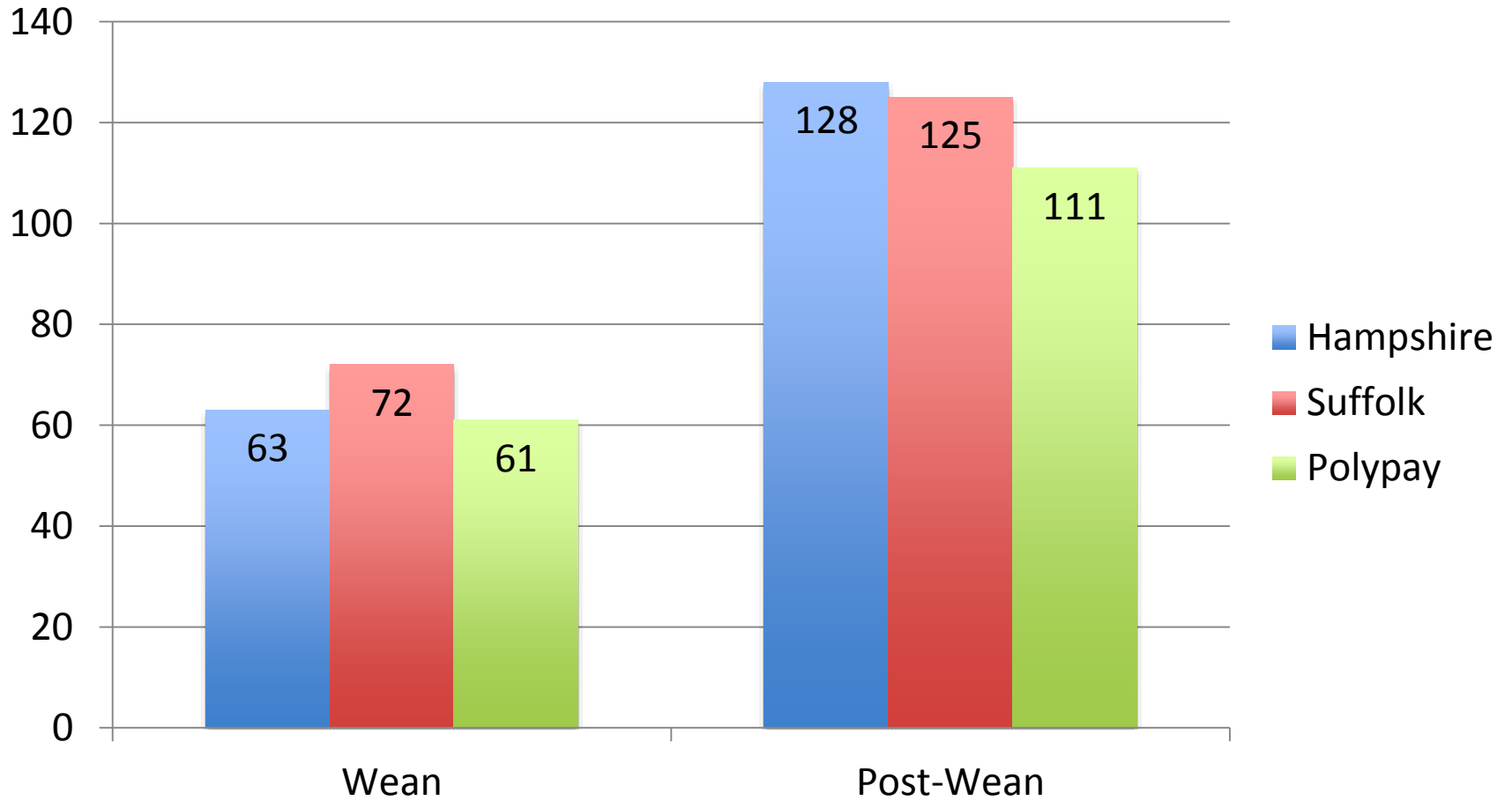
- Paul Wipf
 - Flock Management
 - Lambed during the Winter of 2016
 - Tagged at Birth
 - Feedlot Finished On-Farm
 - Multi-Breed Ewe Flock
 - Terminal Sires

David Fisher Datasheet

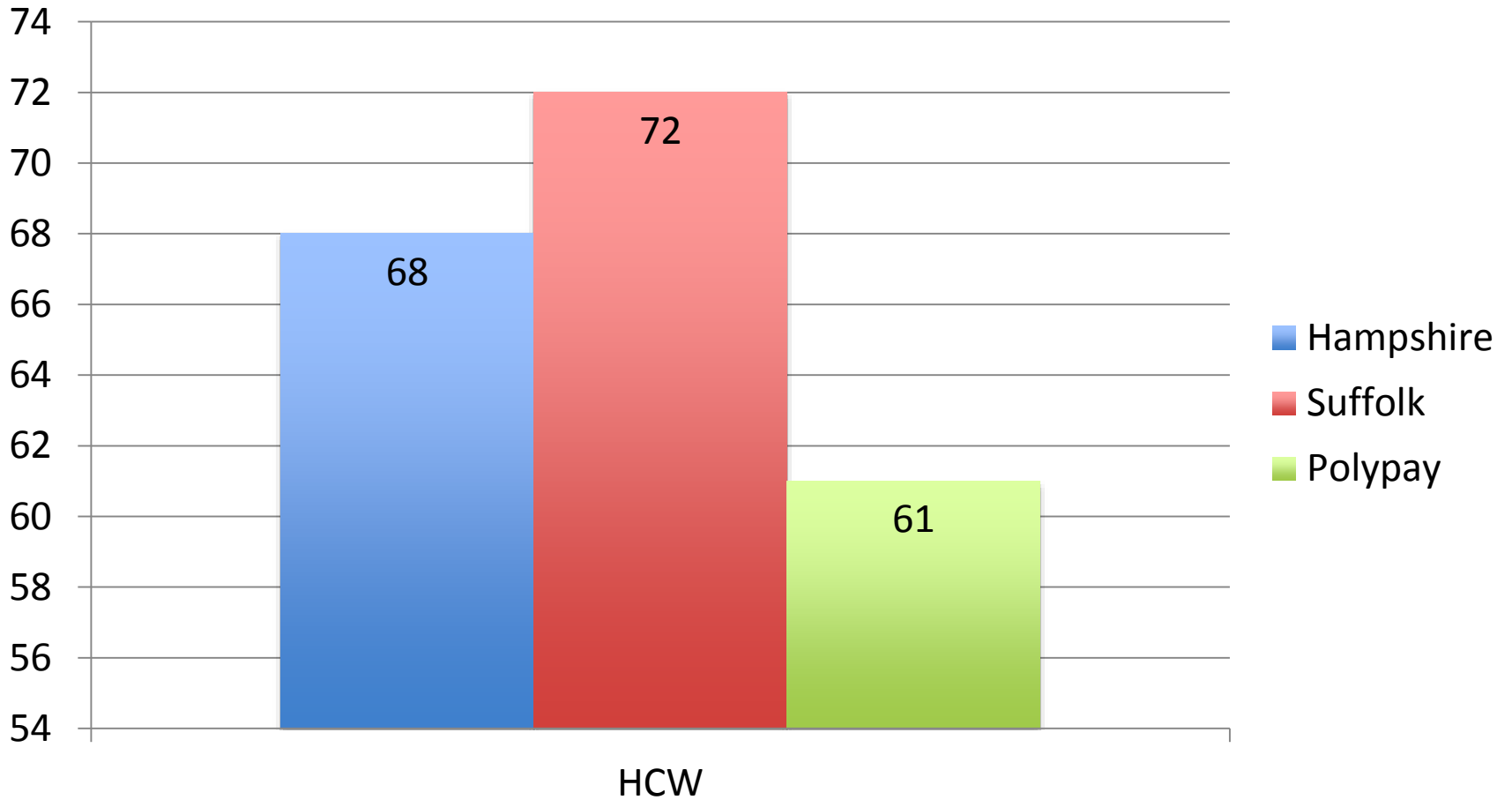
	Production			Economics		
<u>Rams</u>	<u>Wean</u> (lb)	<u>Feedlot</u> (lb)	Days on Feed	<u>Sales:</u> \$/ewe	<u>Cost:</u> \$/ewe	<u>Return:</u> \$ /ewe
Terminal	115	139	54	\$208	\$112	\$96
MerinoX	104	123	59	\$185	\$107	\$78
Ramb - S	96	127	66	\$190	\$117	\$73
Ramb - F	106	132	67	\$197	\$113	\$84

	Production				Economics		
<u>Ewes</u>	<u>Wean</u> (lb)	<u>Litter</u> (lb)	<u>Feedlot</u> (lb)	<u>Litter</u> (lb)	<u>Sales:</u> \$/ewe	<u>Cost:</u> \$/ewe	<u>Return:</u> \$/ewe
Single	110	110	135	135	\$203	\$113	\$90
Twin	85	170	128	256	\$384	\$162	\$222

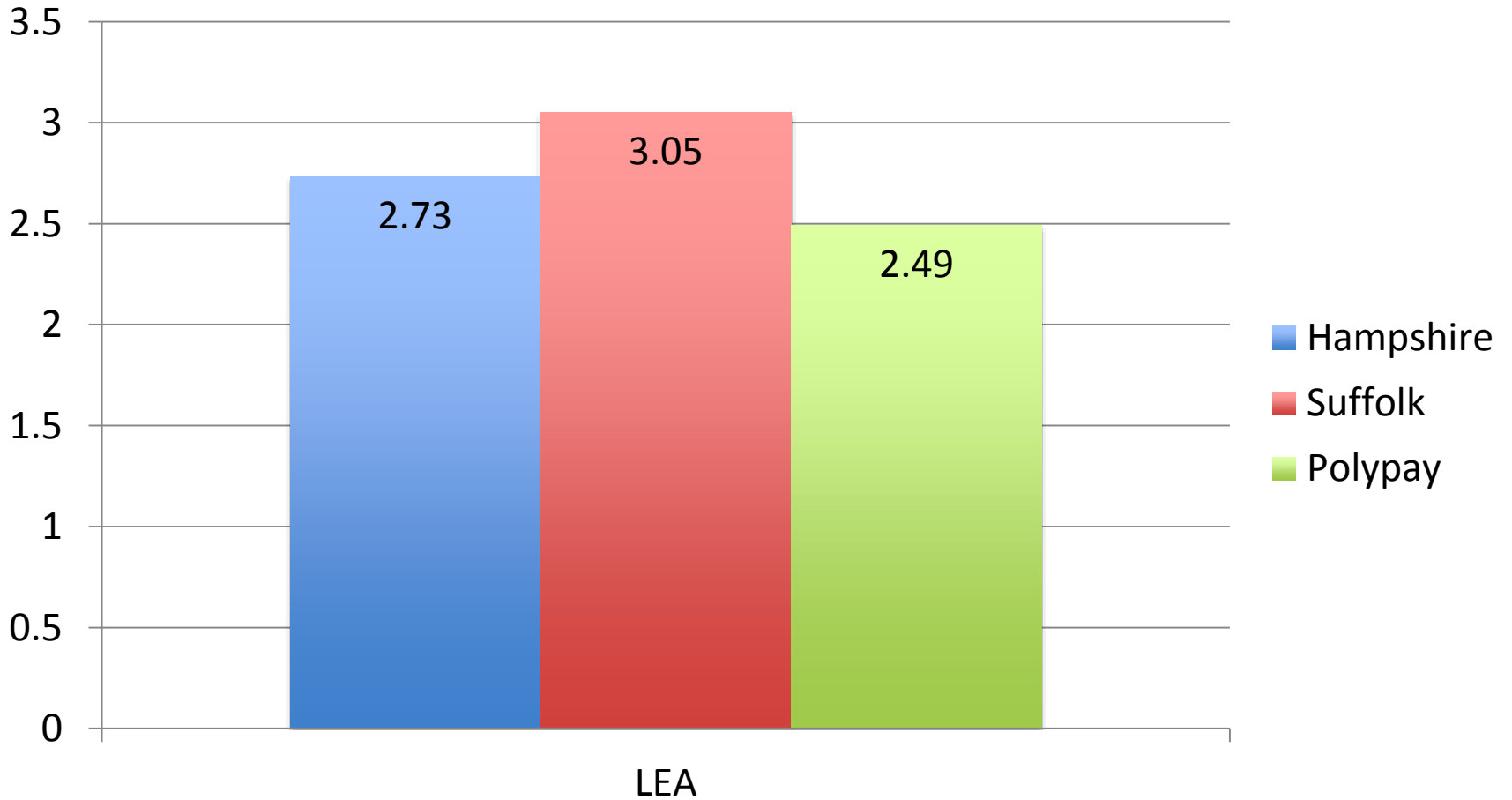
Preliminary Data



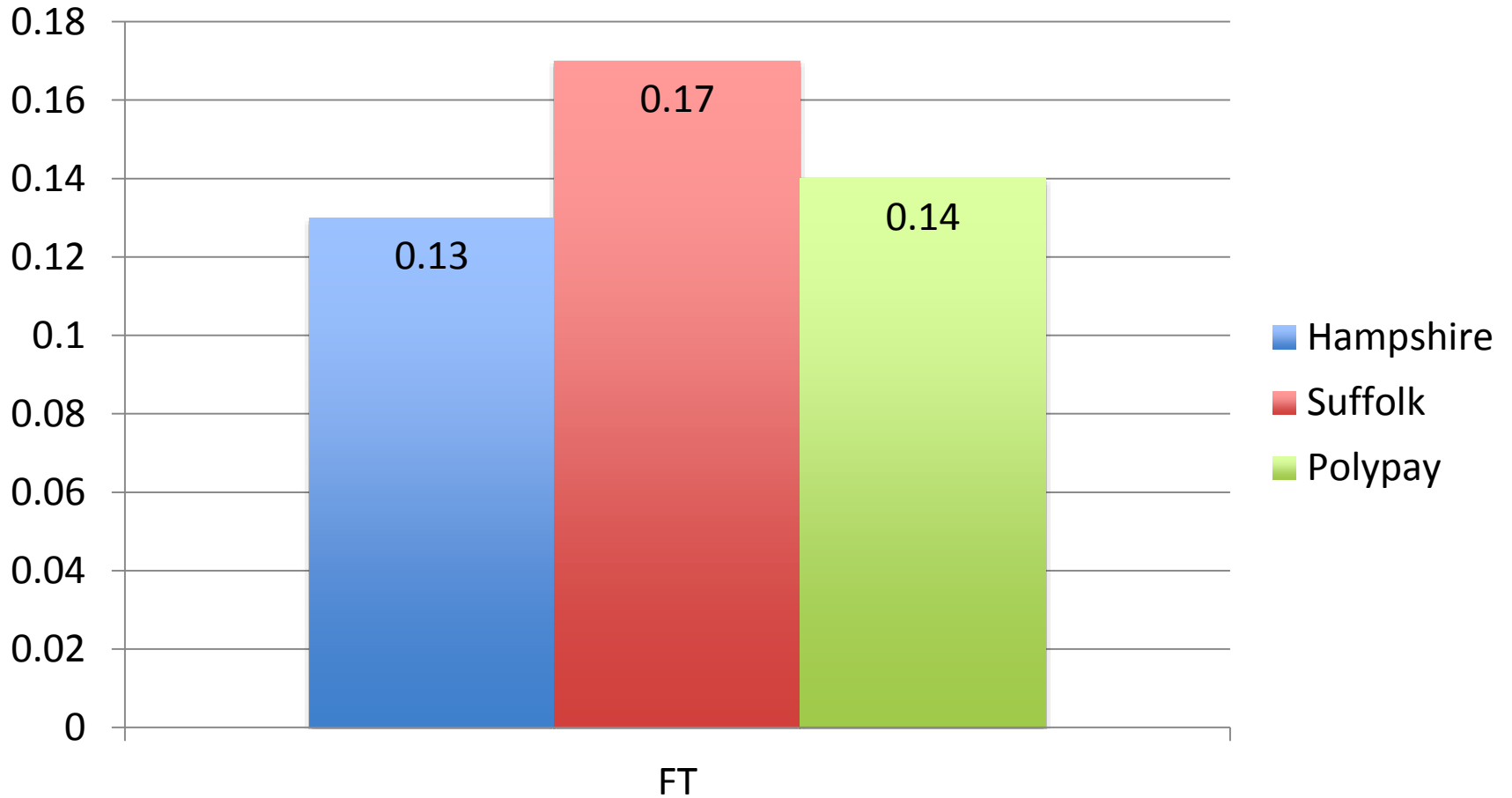
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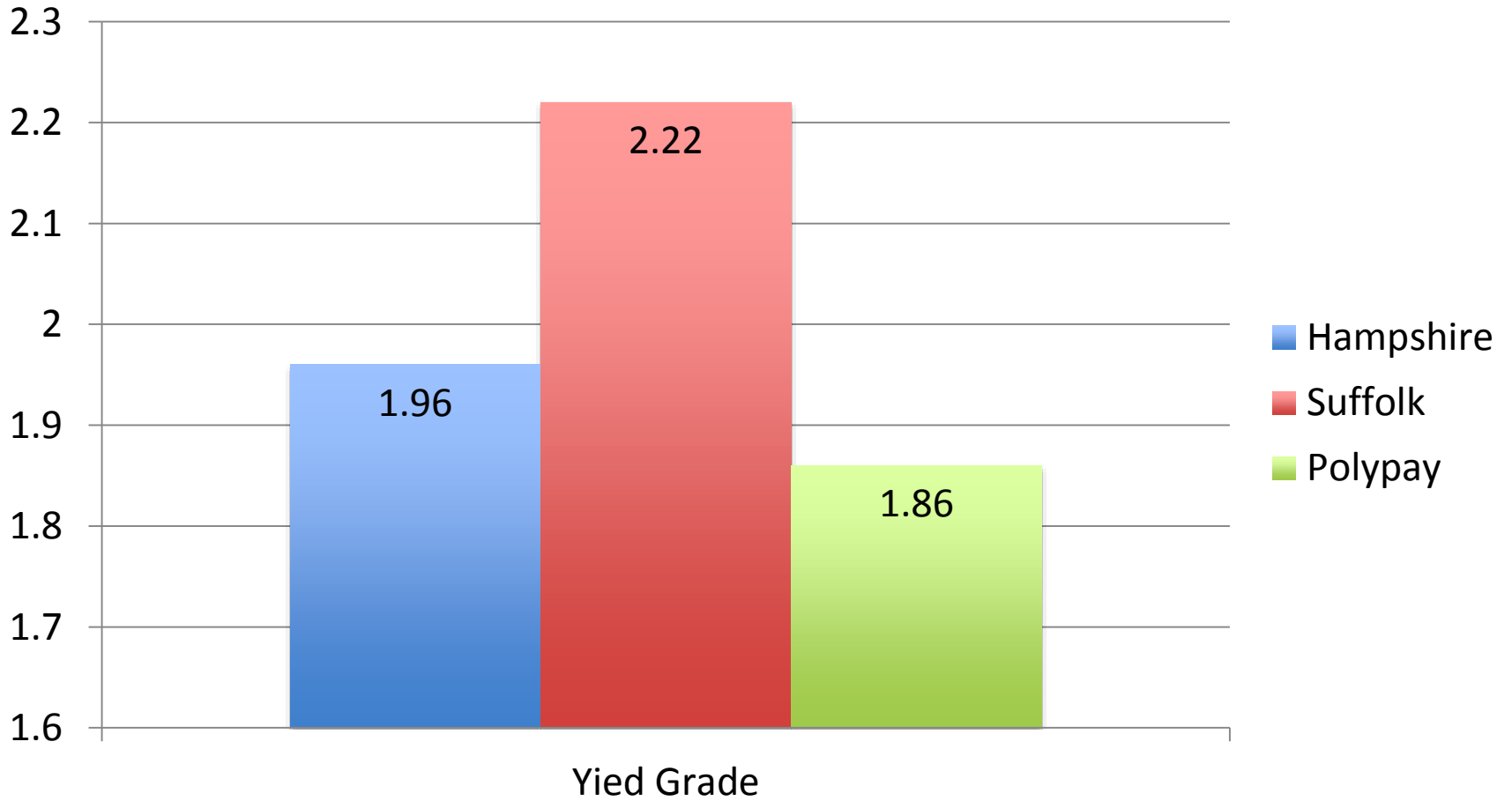
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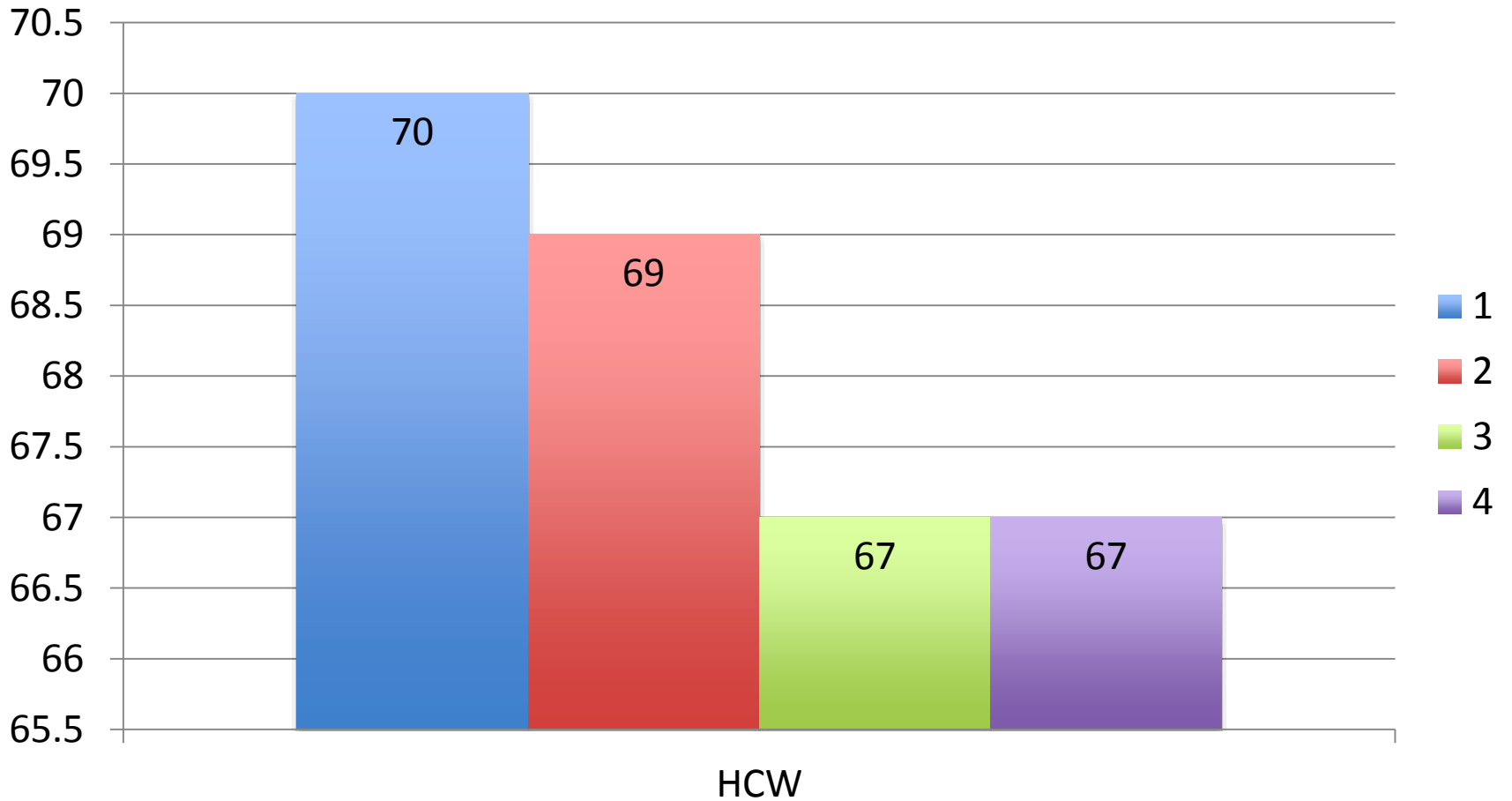
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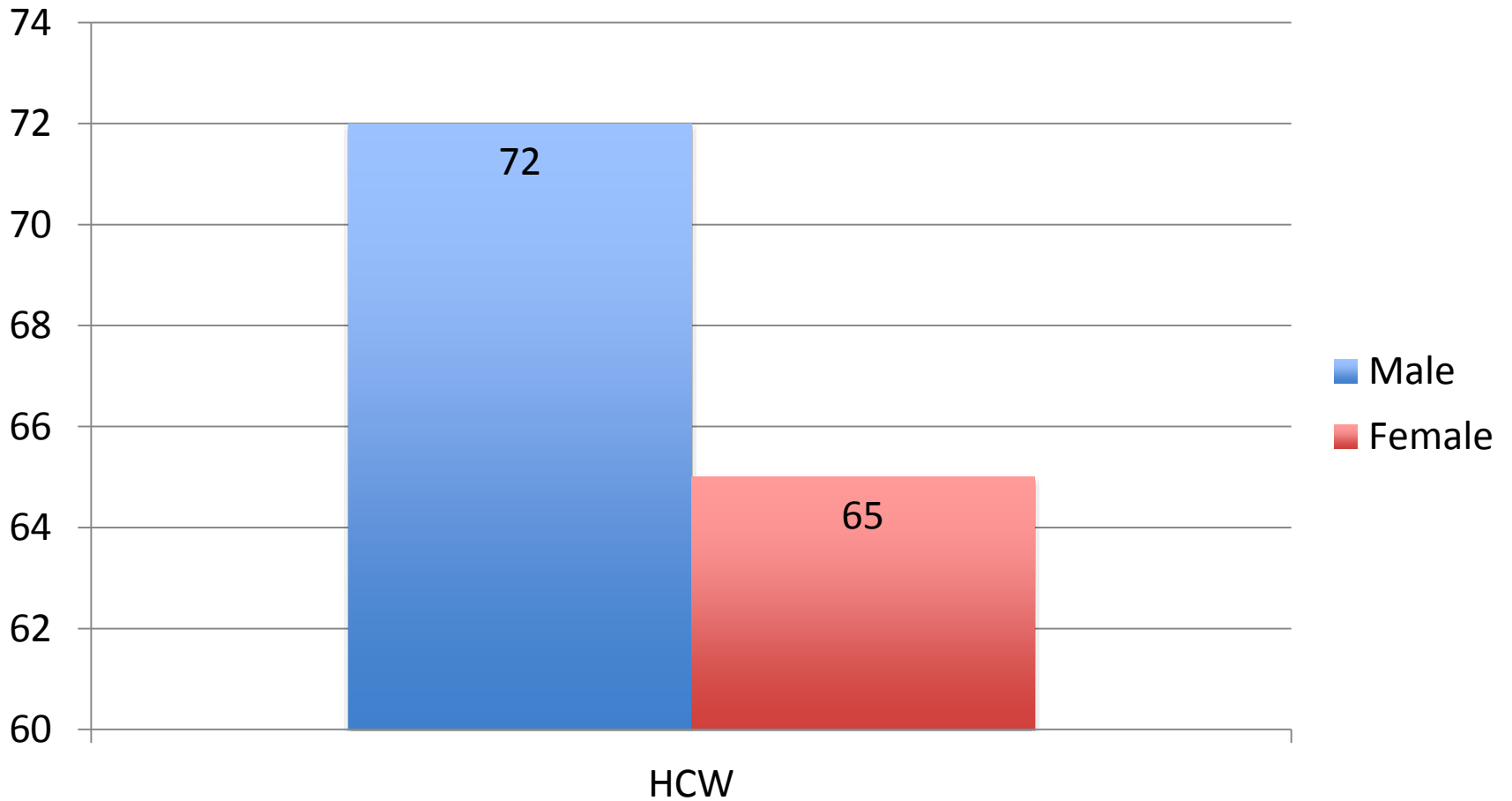
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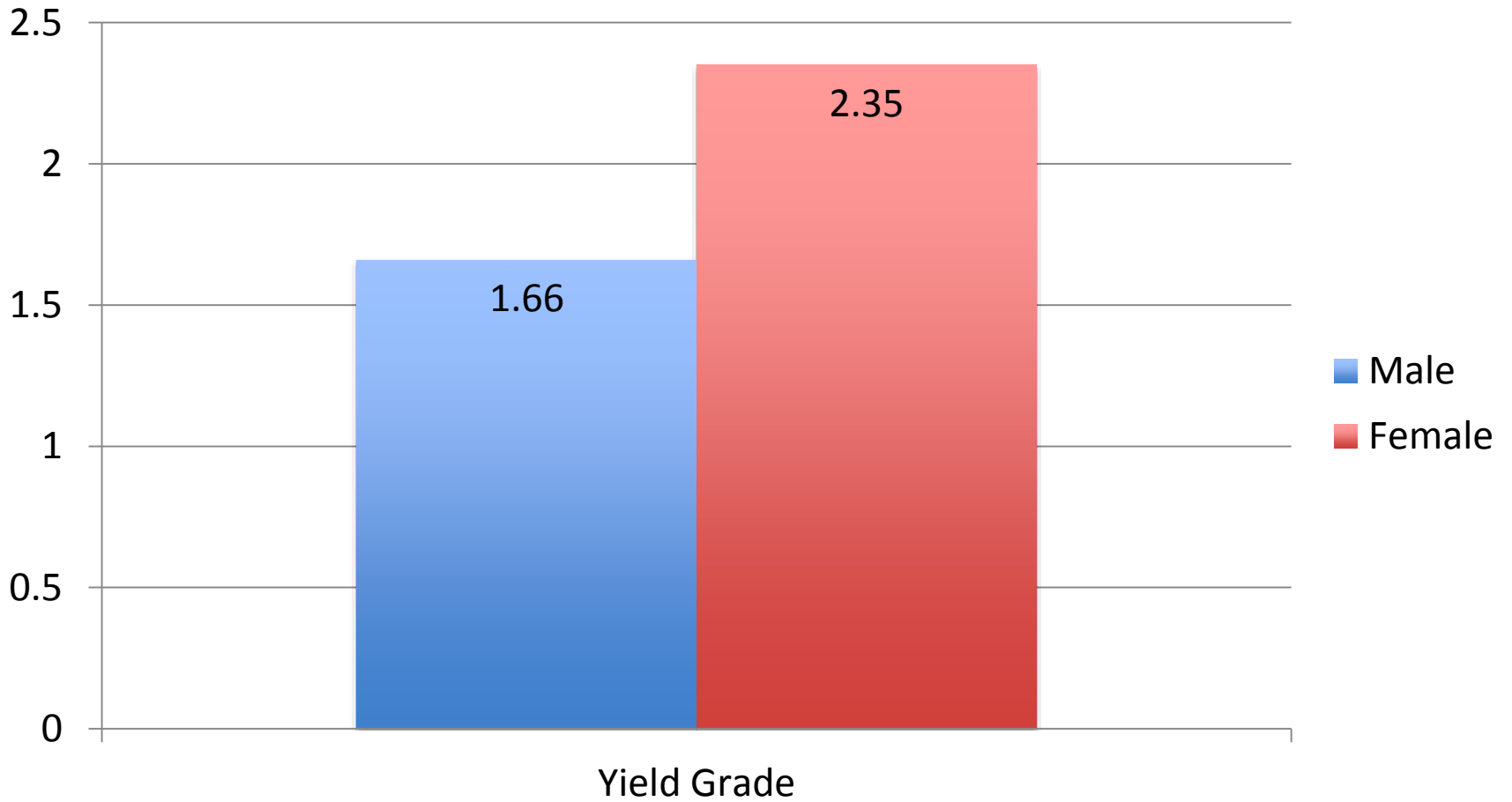
Preliminary Data



Preliminary Data



Preliminary Data



Summary

- Technology Provides Real Economical Data
 - Lots of Data
- Data Management Plan is Essential
- Need Automated System for Data Capture
 - At Each Step
- Final Report in 2018