HANDOUT 1

Higher Education Supply/Demand Gap Analysis

DEPARTMENT OF TRANSFORMATION AND SHARED SERVICES
DIVISION of information systems

Arkansas Division of information Systems

Education Through Workforce Analysis

- Align academic programs with workforce needs
- Match academic programs around needs in a specific region
- Placement rates for graduates
- Support students in exploring options about earnings potential

Arkansas Employer Demand
vs
Arkansas Education Supply

Methodology

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ARKANSAS DIVISION
OF HIGHER EDUCATION

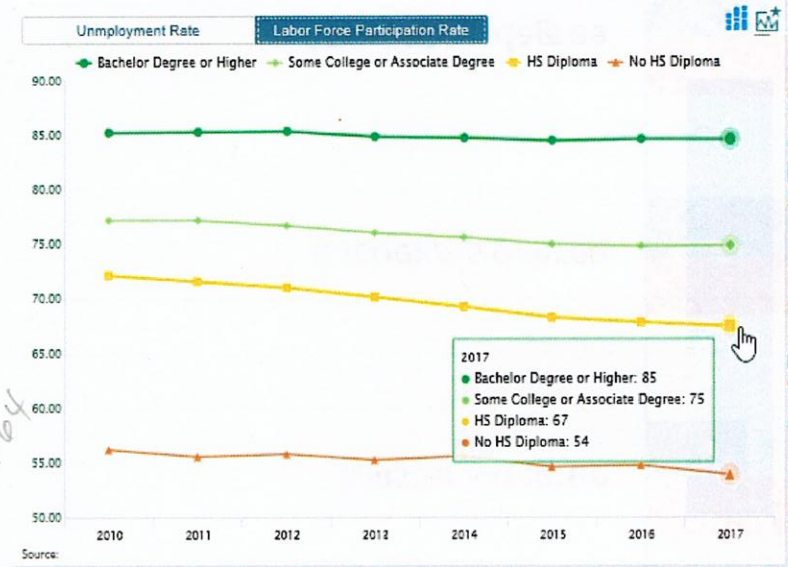
CIP to SOC crosswalk

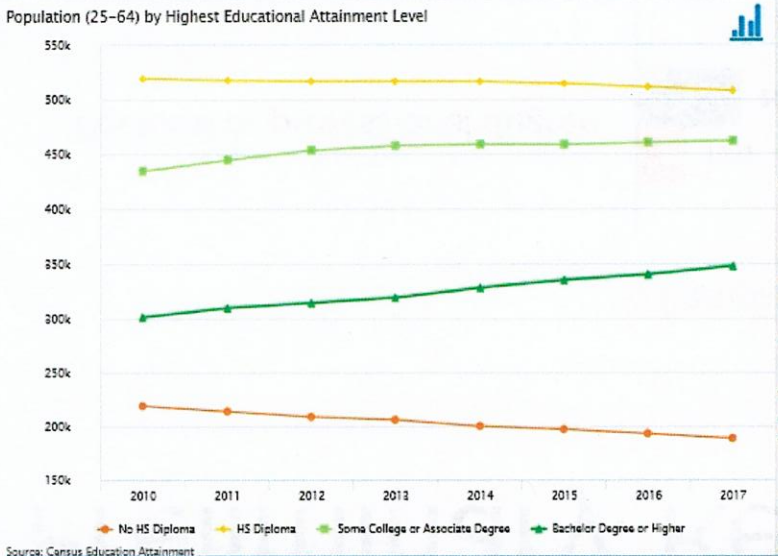
Gaps by degree and occupation

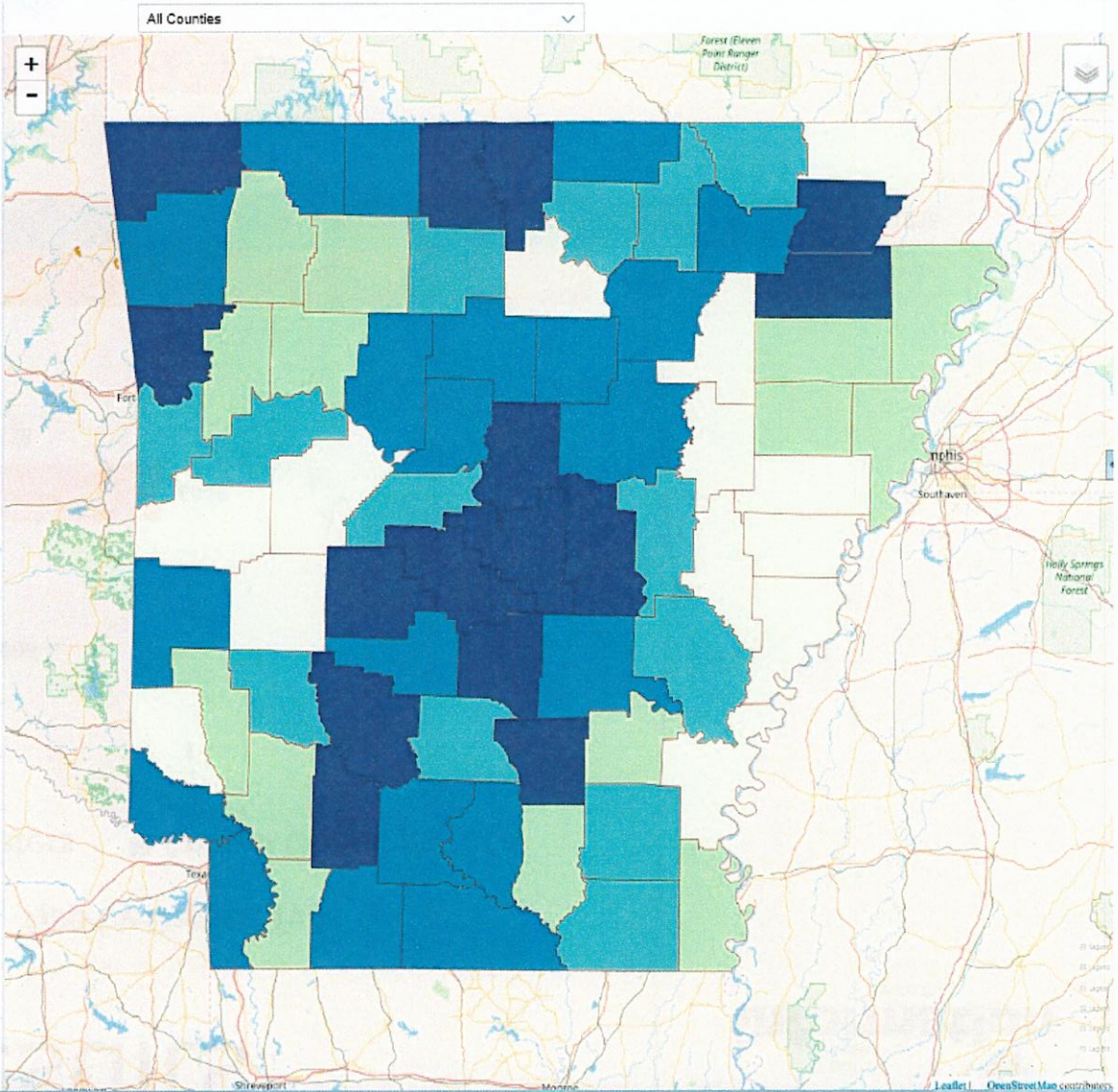
Dashboard Preview
Education

Arkansas Division of information Systems

POPULATION | EDUCATION | WORKFORCE | OCCUPATION | INDUSTRY | ECONOMY

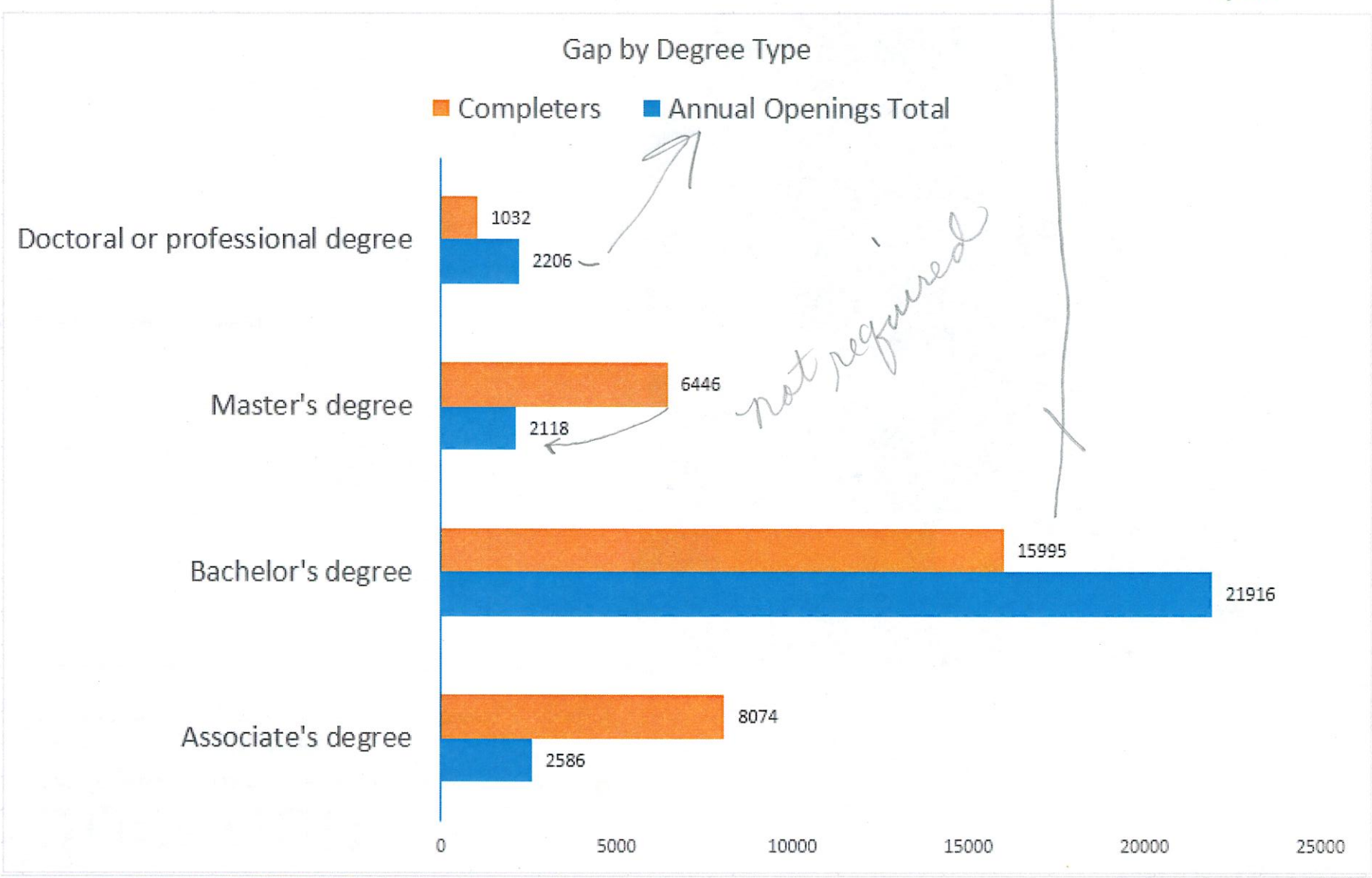






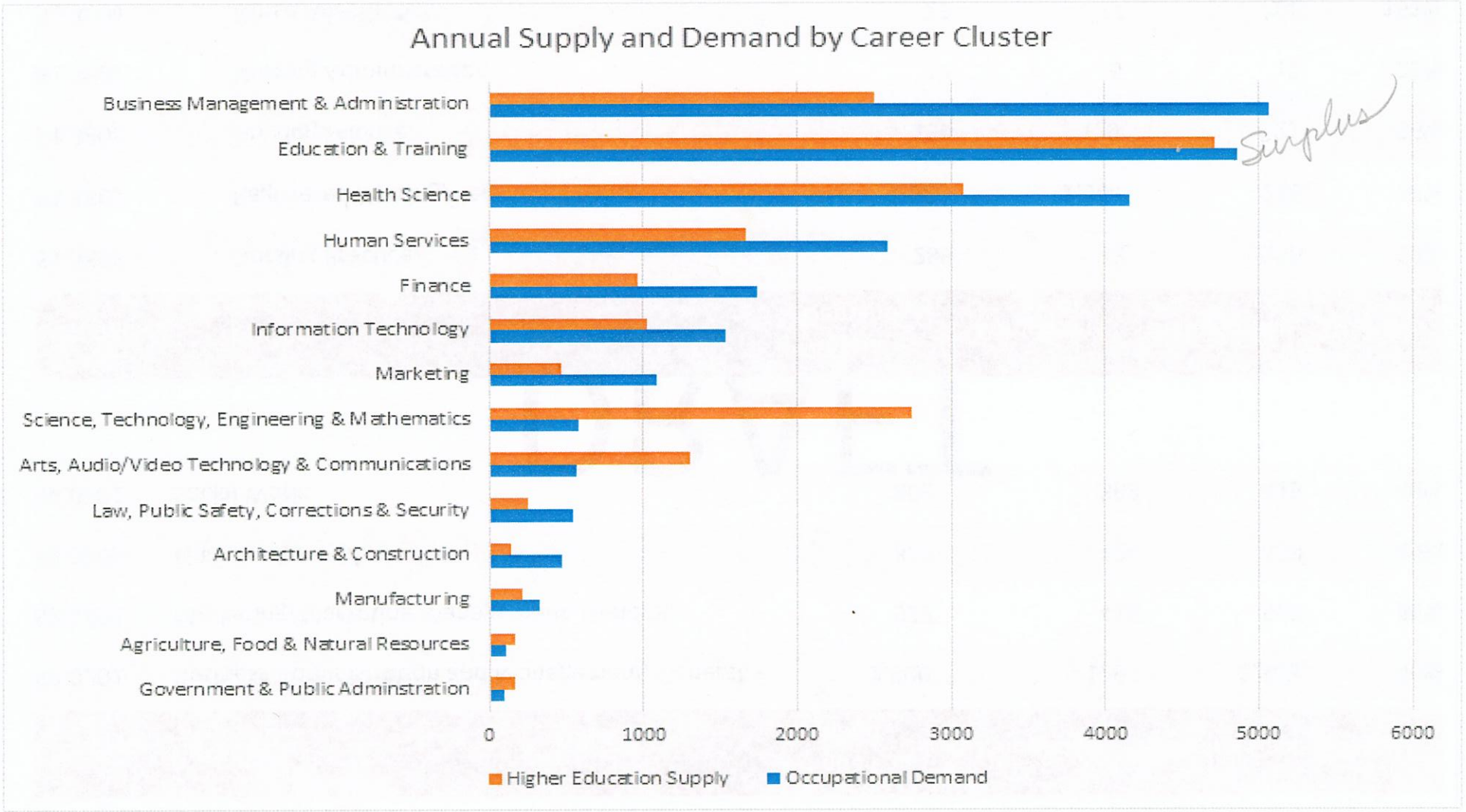
Preliminary Results

Arkansas Division of information Systems



Preliminary Results

Arkansas Division of information Systems



Degree Supply / Demand

Arkansas Division of information Systems

CIP Code	CIP Title	Annual Demand	Completers	Demand Gap	S/D Ratio
52.0201	Business Administration and Management, General.	2,800	1297	1,503	46%
52.1401	Marketing/Marketing Management, General.	923	416	507	45%
52.0801	Finance, General.	862	424	438	49%
44.0701	Social Work.	803	388	415	48%

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CIP Code	CIP Title	Annual Demand	Completers	Demand Gap	S/D Ratio
51.3818	Nursing Practice.	288	38	250	13%
51.3801	Registered Nursing/Registered Nurse.	1,520	1,304	216	86%
51.3808	Nursing Science.	150	129	21	86%
51.3802	Nursing Administration.	17	5	12	29%
51.3804	Nurse Anesthetist.	23	37	(14)	161%

IT Degree Supply / Demand

Arkansas Division of information Systems

CIP Code	CIP Title	Annual Demand	Completers	Demand Gap	S/D Ratio
11.0701	Computer Science.	405	50	355	12%
11.0103	Information Technology.	156	63	93	40%
14.0901	Computer Engineering, General.	87	40	47	46%
11.0201	Computer Programming/Programmer, General.	56	9	47	16%
11.0803	Computer Graphics.	50	15	35	30%
11.0501	Computer Systems Analysis/Analyst.	20	10	10	49%
11.0901	Computer Systems Networking and Telecommunications.	19	12	7	63%
11.0801	Web Page, Digital/Multimedia and Information Resources Design.	12	11	1	93%
11.0401	Information Science/Studies.	17	33	(16)	190%
11.0301	Data Processing and Data Processing Technology/Technician.	1	18	(17)	1500%
11.0101	Computer and Information Sciences, General.	705	769	(64)	109%
IT	**Total**	**1,530**	**1030**	**500**	**67%**

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Questions?
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