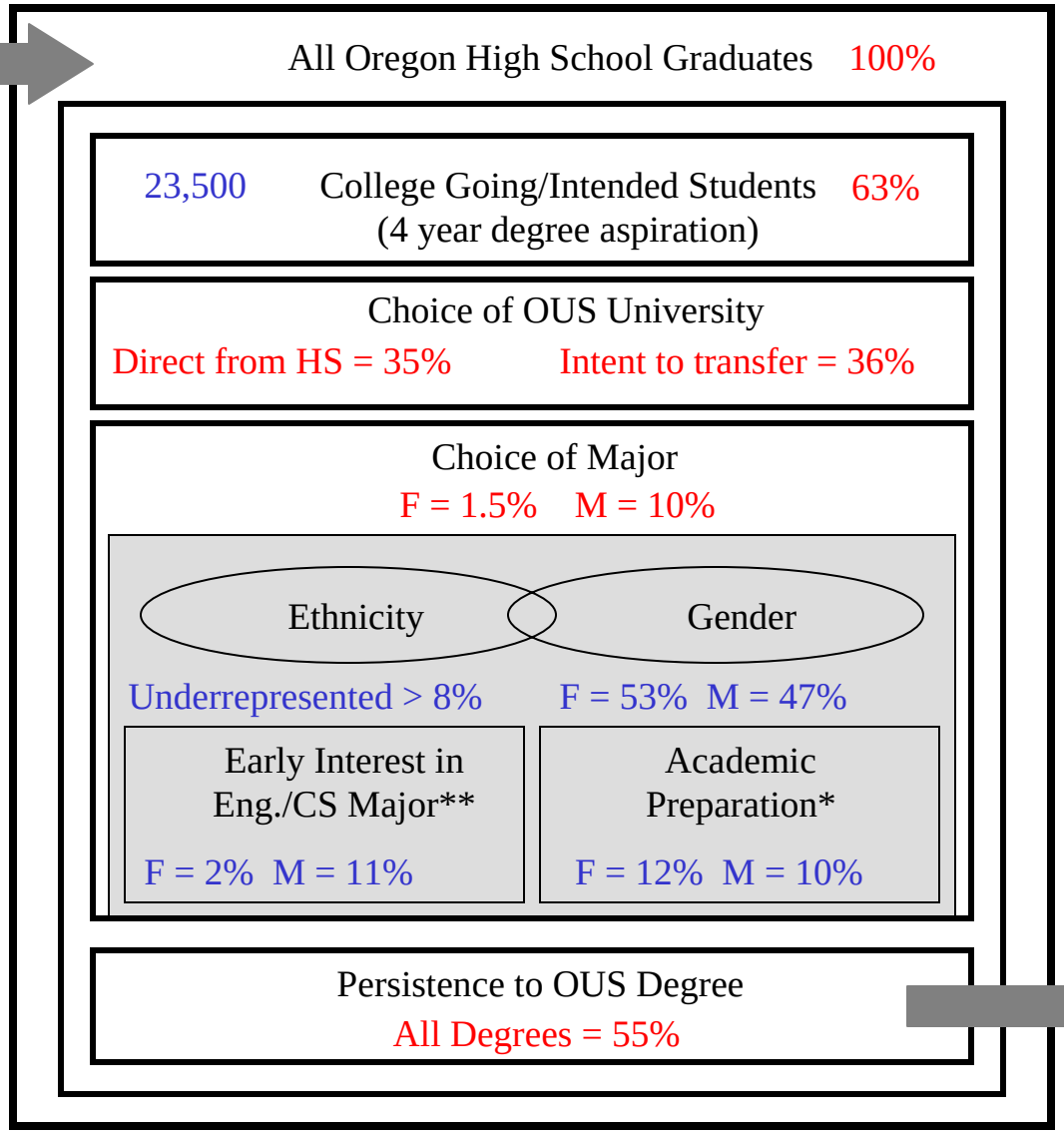
Model of Higher Education Degree Pipeline – fig. 1

New High School Graduates per Year

38,000



Engineering and Computer Science Degrees per Year

Predicts = 1075

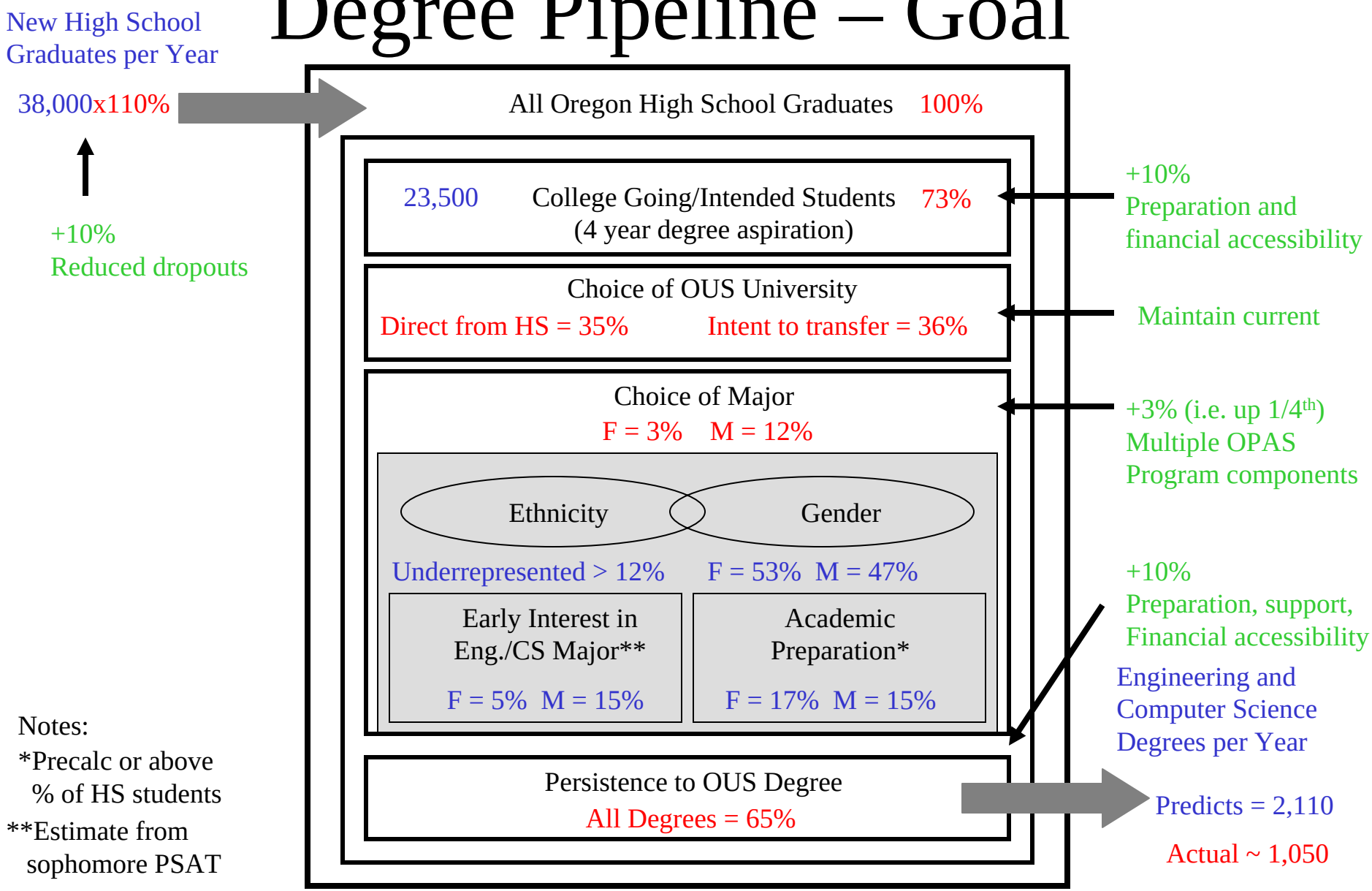
Actual ~ 1050

Notes:

*Precalc or above in high school as cutoff

**Estimate from sophomore PSAT

Model of Higher Education Degree Pipeline – Goal



Notes:
*Precalc or above % of HS students
**Estimate from sophomore PSAT

Summary of Impact

OPAS and Related Impacts are due to proposed OPAS initiatives in conjunctions with projects and investments being planned by ODE, local school districts, OUS, and community colleges.

		Current		After OPAS and Related Impacts		
Pipeline Sequence	**OPAS and Related Impacts**	**OUS Now**	**Students**	**OUS Now**	**Impacts**	**Students**
New high school graduates			38000			38000
	Drop out reduction				110.0%	41800
College going rate		63.0%	23940	63.0%		26334
	Preparation and financial assistance				115.9%	30513
Choice of university		71.0%	16997	71.0%		21664
	Maintain				100.0%	21664
Choice of major		11.5%	1955	11.5%		2491
	K-12 initiatives				130.4%	3250
Persistence to degree		55.0%	1075	55.0%		1787
	Barrier removal				118.2%	2112
Total engineering and CS graduates			**1075**			**2112**

Where the graduates will come from!