

SWEDISH MEDICAL CENTER CHERRY HILL MIMP SPACE NEEDS ANALYSIS

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CONSULTING

1. Purpose of Space Needs Analysis
2. The Context
 - Demographics: Existing and Projected
 - Trends in Health Care Delivery
 - The Region
3. Forecasts
 - Volumes
 - Space

To validate and refine future space needs on the Campus by type of space

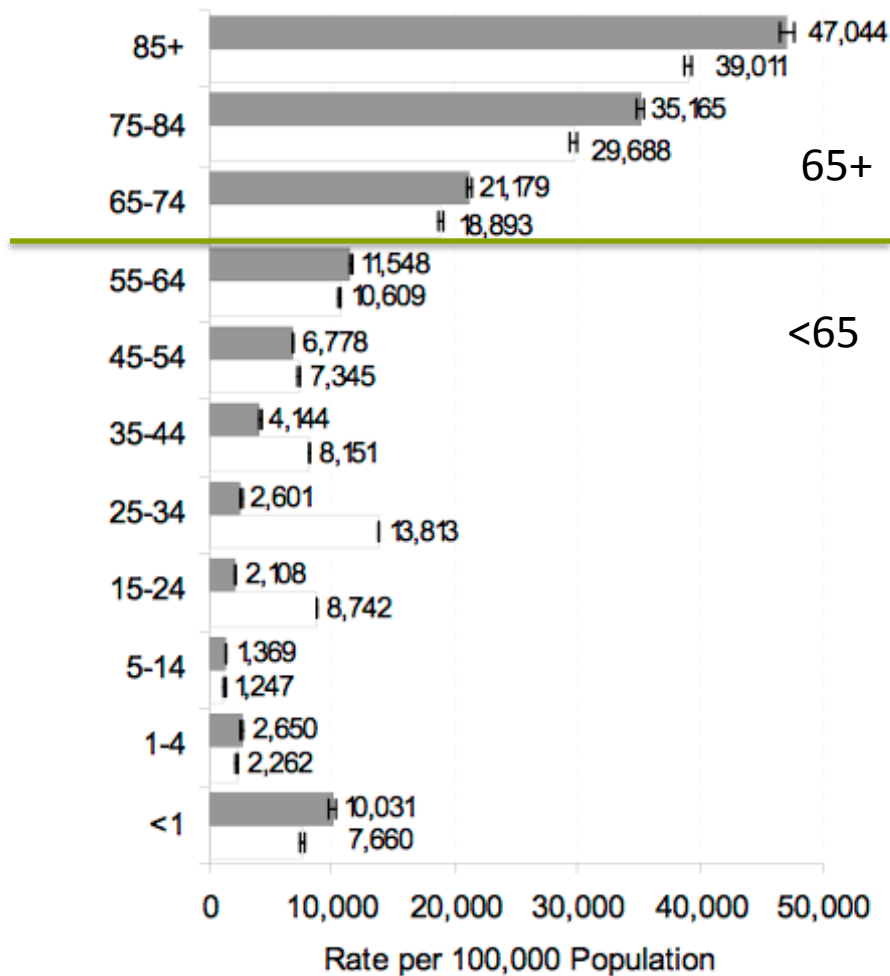
1. Hospital
2. Clinical/Research
3. Education
4. Hotel
5. Long Term Care/Assisted Living/ Skilled Nursing
6. Other Campus Support

Aging Population

year	1910	2013
Ave Life Expectancy	51.5	80.3

- People living longer means:
 - more elderly alive today because of medical interventions
 - more chronic disease
 - more complex medical conditions prevalent with the elderly
 - more support needed for elderly
 - Sicker inpatients
 - More fragile outpatients

Hospitalization
Age and Gender
Hospital Discharge Data 2002-2004

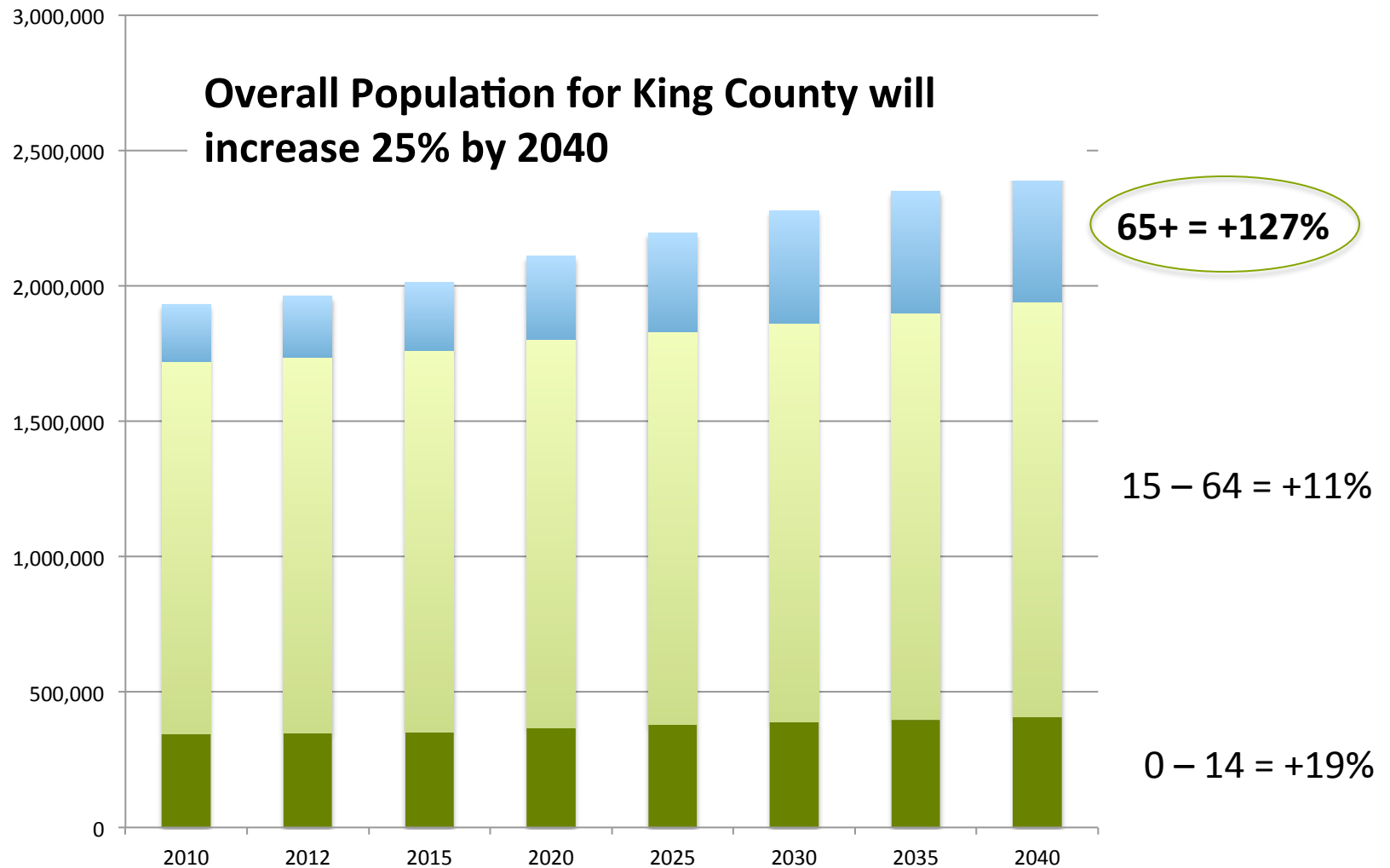


Those aged 65+ are
admitted to hospitals
3.5 times more often
than those under 65.

Source:
WA State Dept of Health

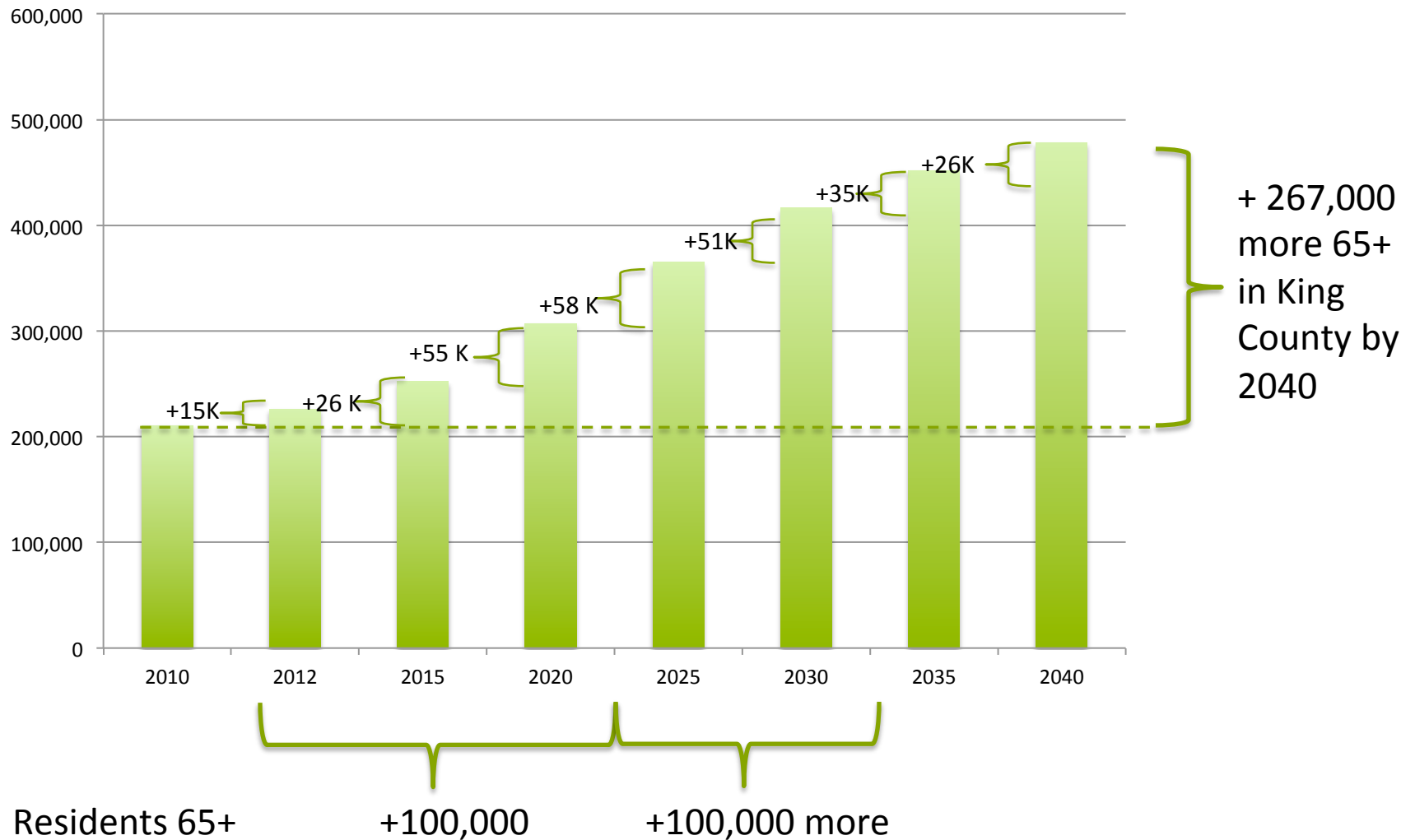
Female Male

HOSPITAL DISCHARGE RATES BY AGE: WASHINGTON STATE



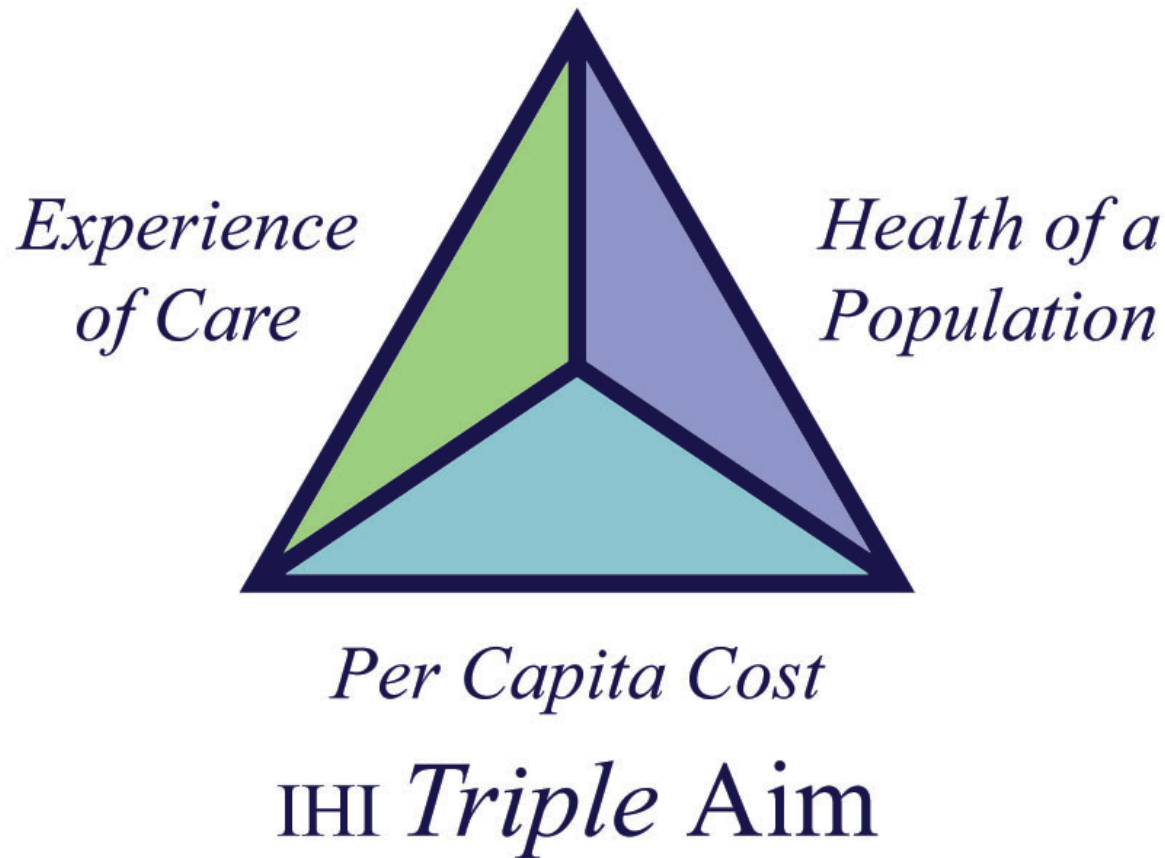
POPULATION GROWTH BY AGE

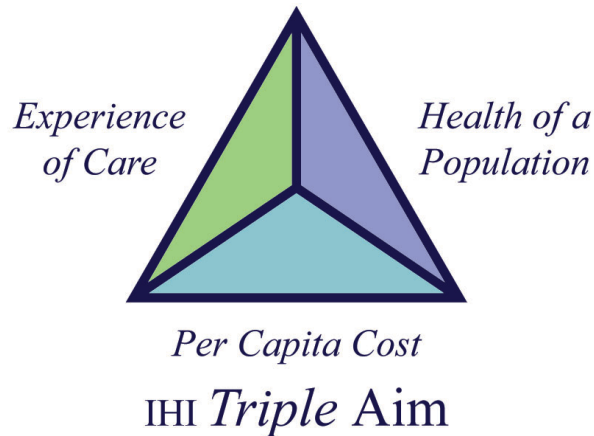
65+ Age Group



KING COUNTY 65+ POPULATION

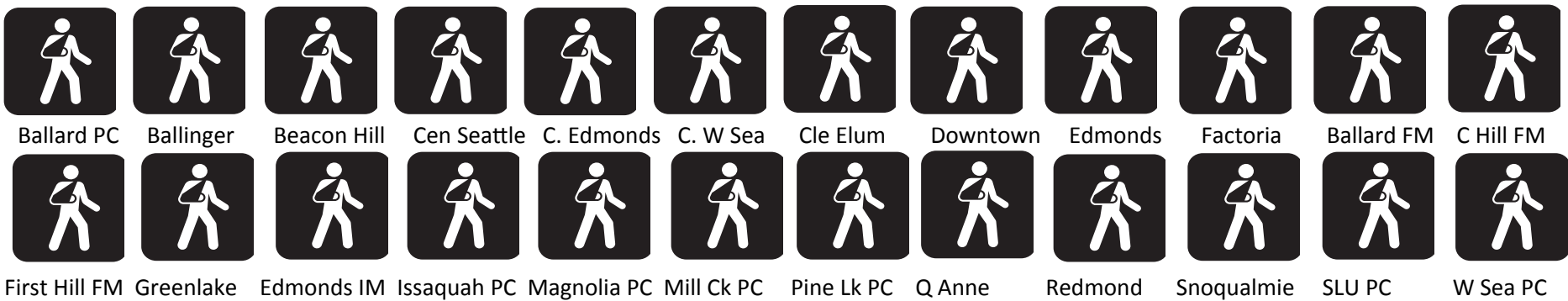
Major Trends in Health Care Delivery





- Improved access to the right care at the right time
- Shift from inpatient to outpatient
- Improved outcomes
- Integrated systems of care
 - Hospital mergers
- **Better care for lower cost**
- Prudent use of technologies
- Changing/evolving reimbursement systems
- **Breakthroughs in research**
 - Integration of clinical care and research
 - Innovative technologies
- **Challenges in medical professional staffing**
 - Optimize precious resources
- **Aging physical infrastructure**

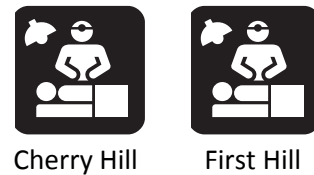
Primary Care Clinics



Community Hospitals / Emergency Rooms

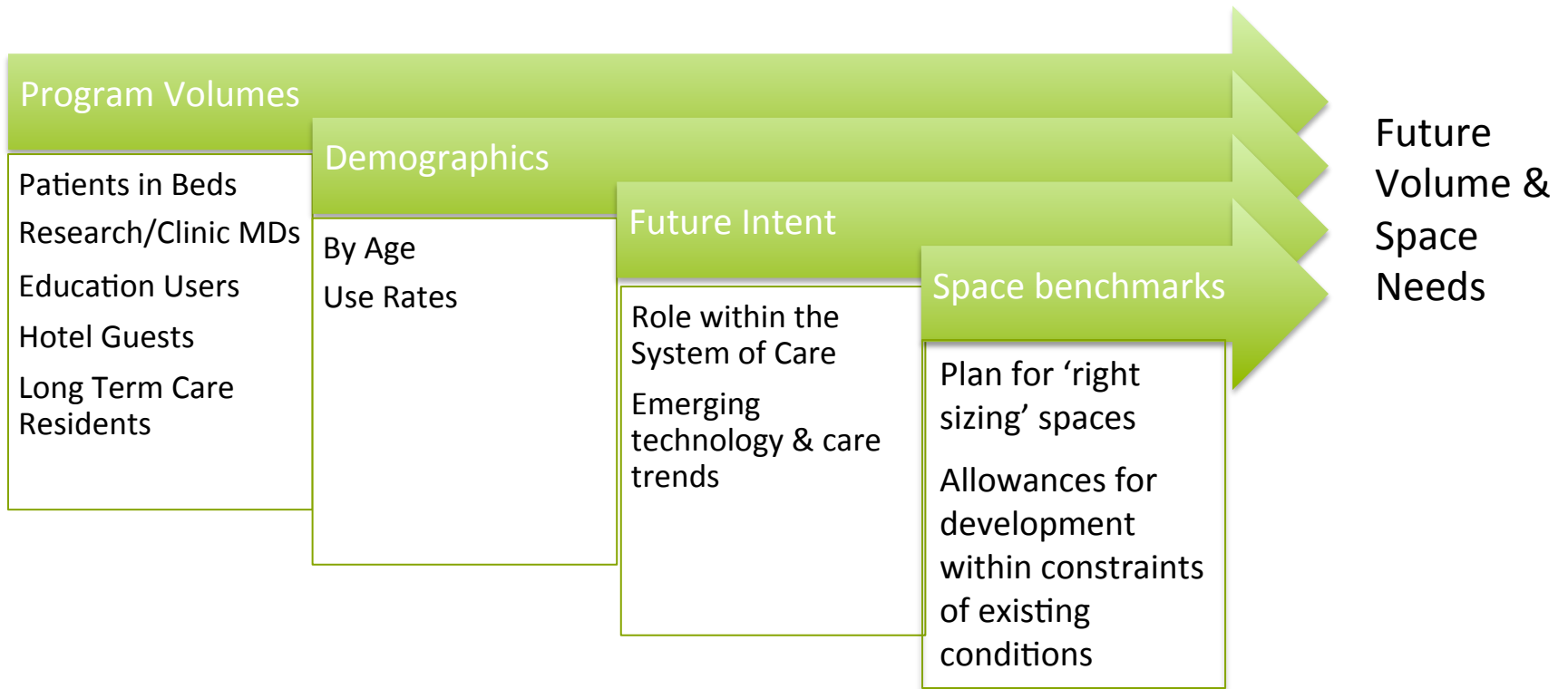


Medical Centers



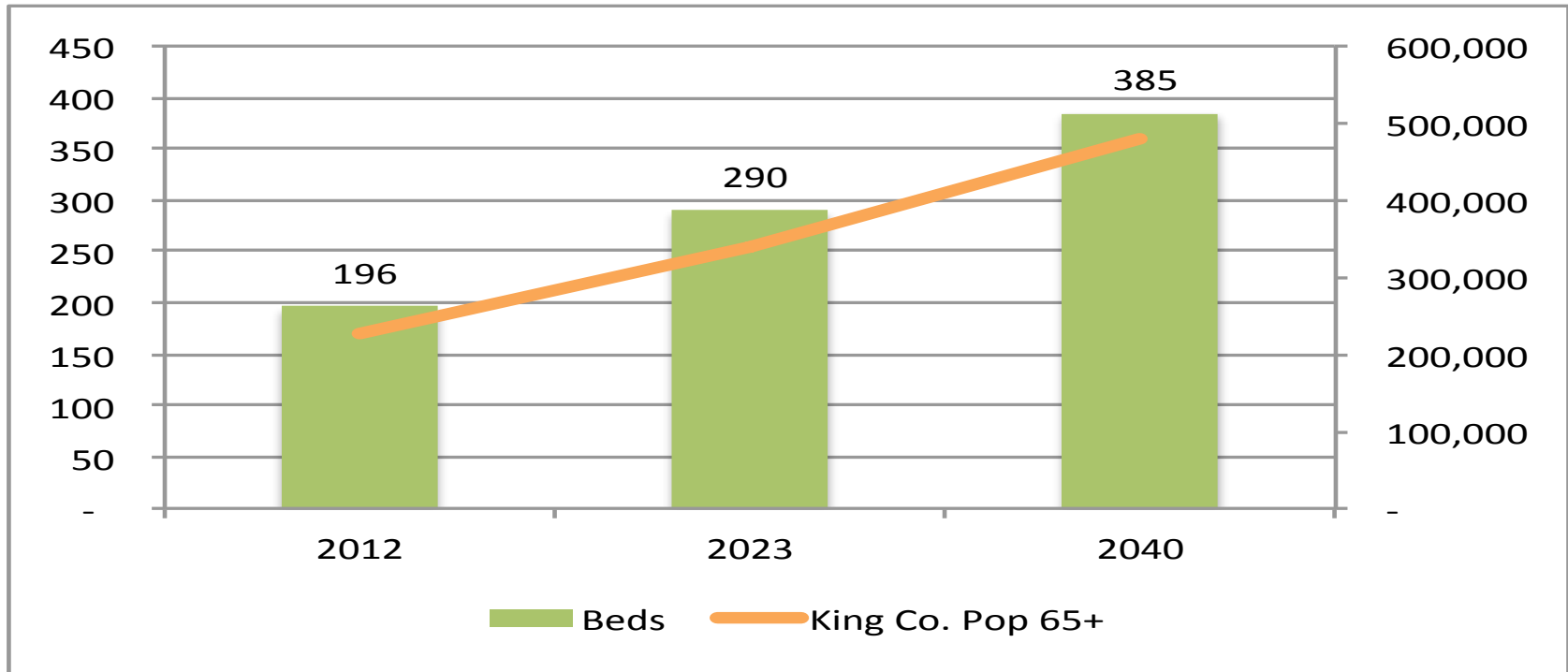
Special Equipment, e.g. Cath Labs,
specialized Surgeries, Gamma Knife

INTEGRATED SYSTEM COMPONENTS



FORECASTS

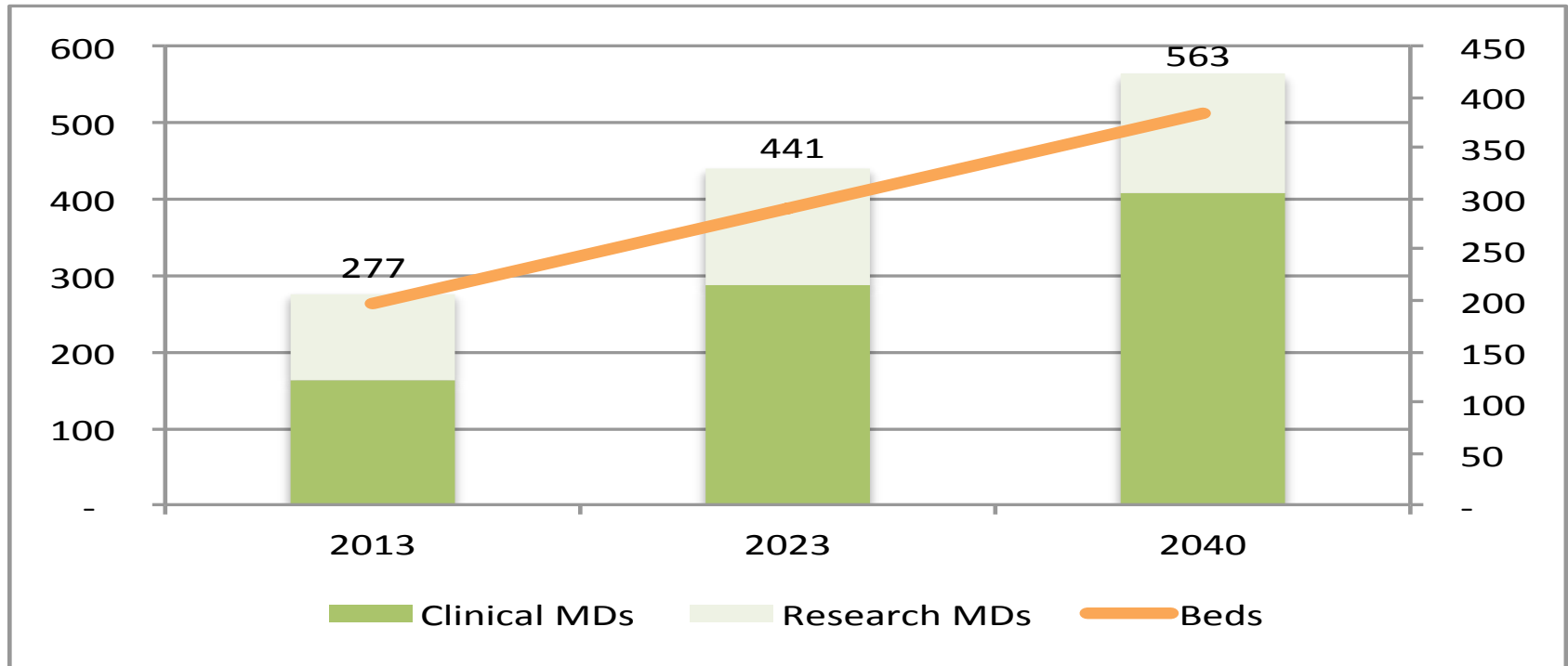
Hospital Bed Forecast



Bed forecasts influenced by population change, service demand, ACA (new patients), and average length of stay.

VOLUME FORECASTS

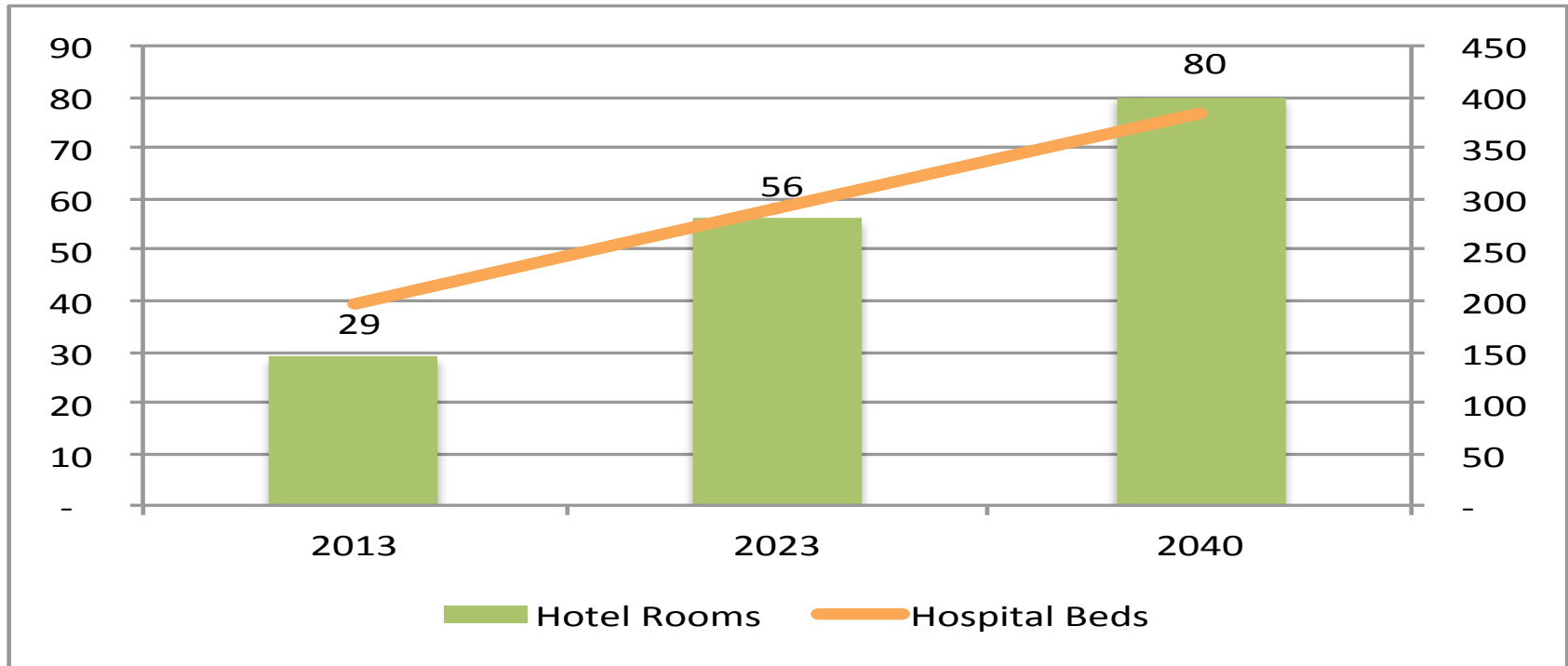
Clinical and Research MDs



Clinical & Research MD forecasts influenced by inpatient bed growth, enhancing specialty programs, and expanding to meet needs of ACA.

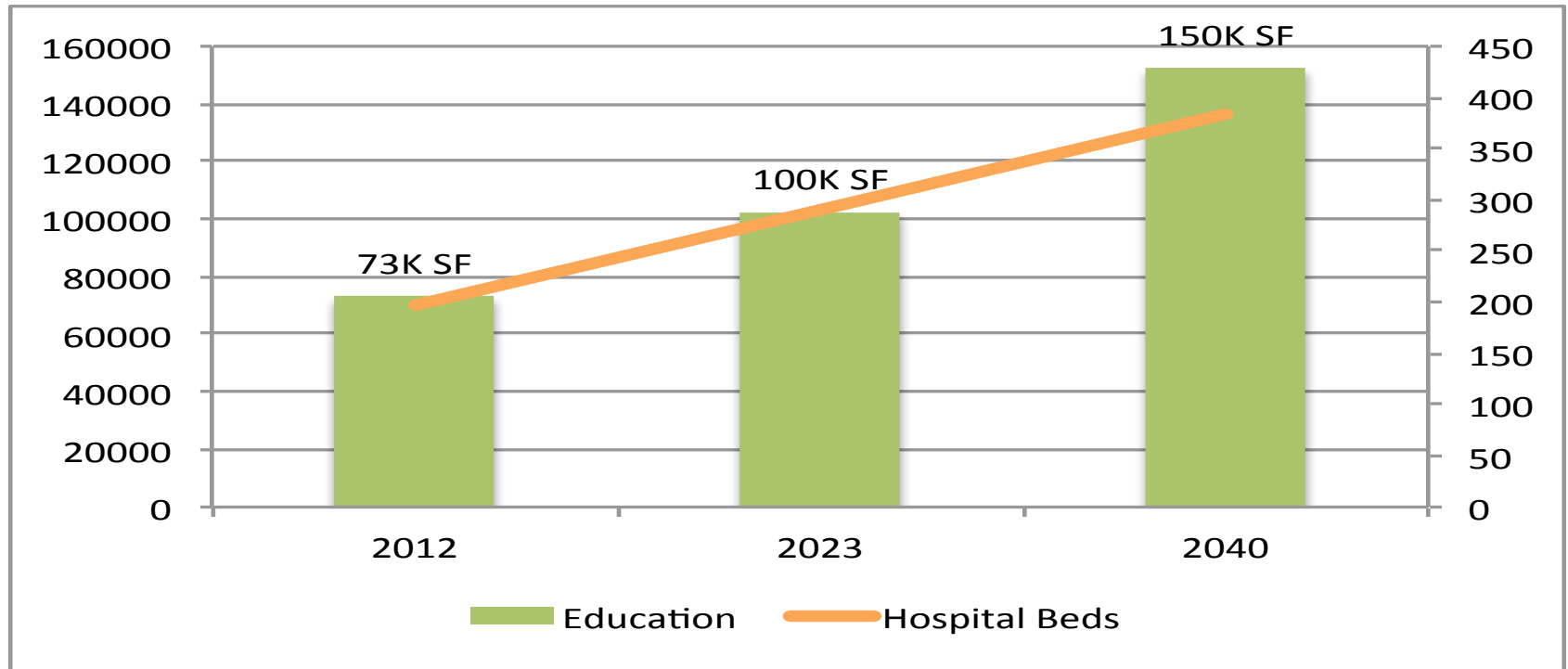
VOLUME FORECASTS

Hotel Rooms



Hotel Room forecast primarily influenced by inpatient bed growth. Some beds set aside for outpatients coming from out-of-town for treatment.

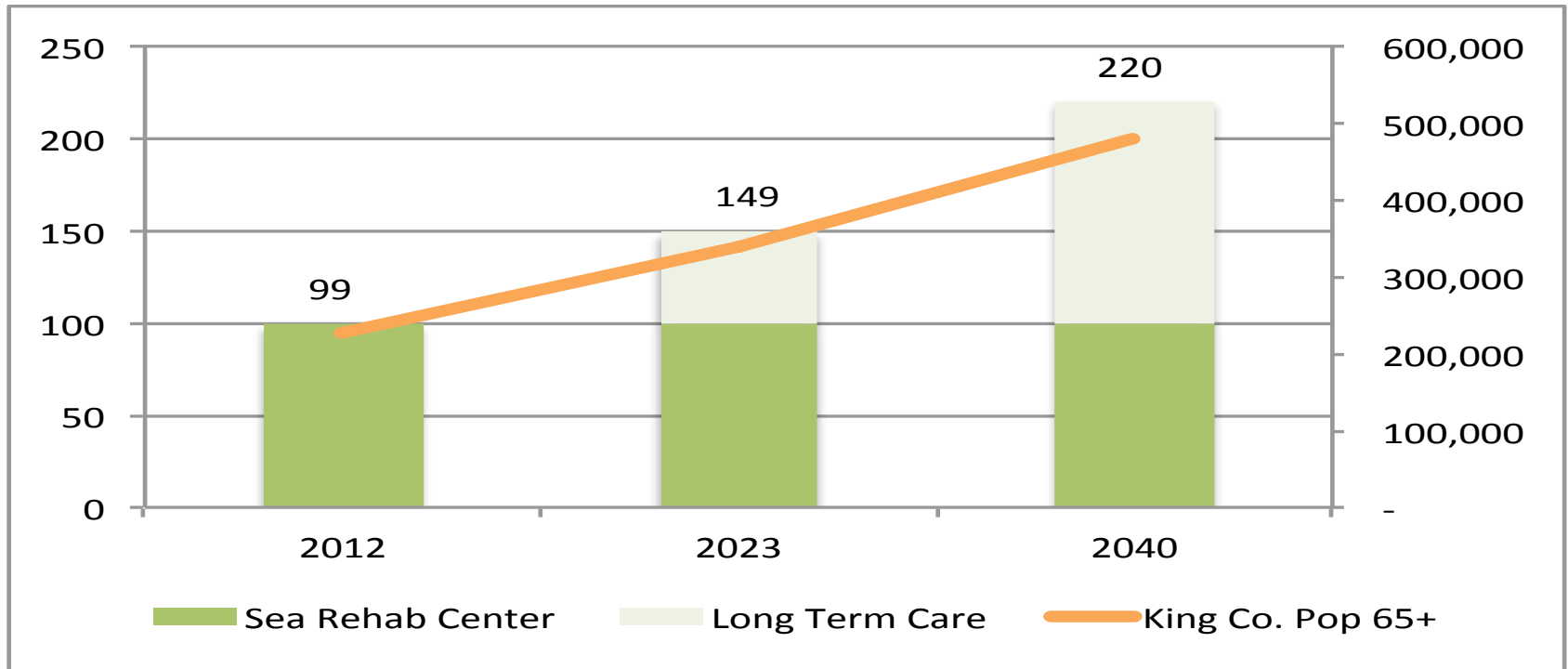
Education



Education forecast influenced by increases in patient volumes driving the need for additional staff, staff training for new technology and data/record systems, residency programs, and other teaching and training.

VOLUME FORECASTS

Long Term Care/Assisted Living/Skilled Nursing Beds



Long Term Care forecast assumes Seattle Rehab Center maintains existing program. Additional development on campus is assumed to be a mix of acute rehab and assisted living. Size is based on operational considerations.

VOLUME FORECASTS

Building Gross Square Feet

Year	Existing	2023	2040
Hospital	541,300	1,014,000	1,350,000
Clinical/Research	427,000	1,014,000	1,250,000
Education	73,000	100,000	150,000
Hotel	12,500	40,000	80,000
Long Term Care	43,000	93,000	220,000
Other Support	<u>50,000</u>	<u>50,000</u>	<u>50,000</u>
TOTAL	1,146,800	2,311,000	3,100,000

CAMPUS SPACE NEED PROJECTIONS