



## Interior Community Health Center (IHC)

**Auditor:** Energy Audits of Alaska

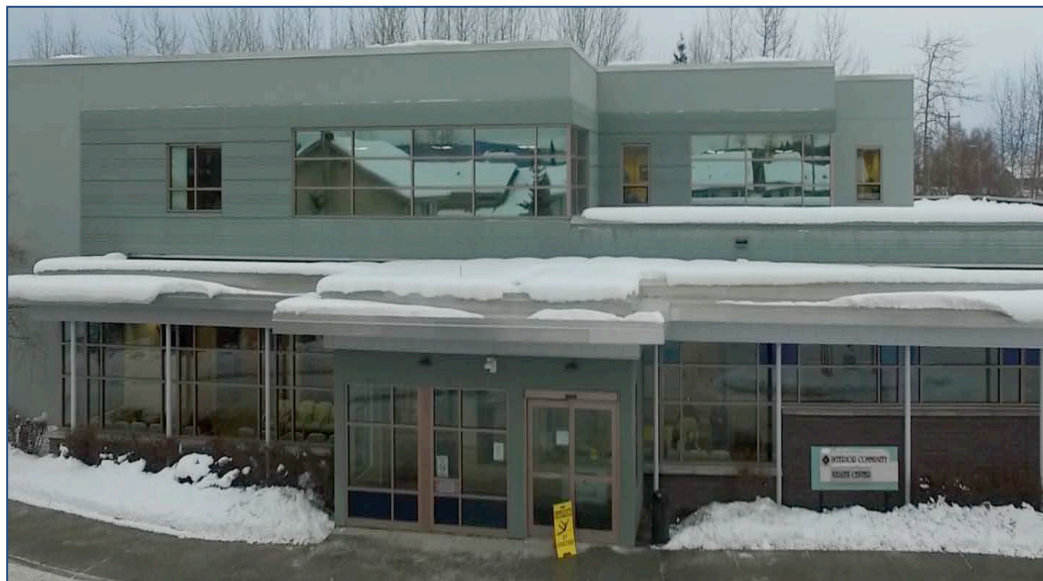
**Audit date:** September 2014

The Interior Community Health Center was established in 1993 to offer health care to poor and underinsured people. Initially it was located in the Carol Brice Family Center but moved to its current facility in 2004. Today the IHC offers well child screenings, physicals, treatment and management of chronic diseases, mental health services, and dental services. In 2013 it served 6,256 patients: 37% had no health insurance and 64% lived at or below 200% of the federal poverty line in Alaska.

IHC applied to participate in the pilot cohort and was admitted by the selection committee. Energy Audits of Alaska conducted a Level II building audit for \$11,495.

### Mission

To provide universal access to excellent primary health care. It is committed to delivering services in a manner that is sensitive, compassionate, and responsive to the needs of all members of the community.



### Building

**Size:** 19,590 ft<sup>2</sup>

### Fuel consumption

**Baseline annual fuel use:** 2,715 MBTU

Electricity (304,450 kWh / 1,039 MBTU)

Natural gas (16,761 therm / 1,676 MBTU)

**Baseline EUI:** 138.6 kBtu/ft<sup>2</sup>/yr

**Baseline annual energy costs:** \$100,303

Electricity (\$61,610)

Natural gas (\$38,692)



### Audit recommendations (Completed retrofits in black)

Recommendation	Predicted costs	Actual cost	Contractor	Date completed	Notes
<b>Lighting replacement</b>					ICHC considered all retrofits and discussed the pros and cons of each with the auditor. They did not implement several recommendations because they felt the construction cost was too great for the estimated payback.
1. Offices	\$229				
2. Clinic rooms (normal use)	\$394				
3. Exterior wall packs & sconces	\$610				
4. Toilet room	\$26				
5. Exam rooms (low use)	\$80				
6. Janitor/mechanical/fan Room	\$156				
7. Night lights (T8-32w)	\$2,415				
8. Night lights (CFL26w)	\$2,310				
9. Parking lot	\$6,630	\$13,000	Fulford Electric	October 2014	The actual cost is higher than the estimate because it includes a pole replacement as well as the LED light fixtures.
10. Exterior MH70 sconce	\$1,530				
11. Copy/mail rooms	\$1,008				
<b>Heating</b>					
12. Install setback thermostat in north vestibule	\$200				
<b>DHW</b>					
13. Install timer on DHW recirc pump	\$1,000				
14. Install clock timer on the potable water circulation pump	\$1,000				
<b>Ventilation</b>					
15. Reprogram air handling unit (AHU) to run only during occupied times	\$2,500	No cost	Siemens	September 2014	Typically, the AHU only runs during occupied hours; the audit discovered a programming error that had only recently resulted in the 24 hour setting. Siemens corrected this as part of its annual \$30,000 maintenance contract with ICHC.
16. Install demand controls to ventilate based on CO2 content	\$15,000				
	<b>Total:</b>	<b>Total:</b>			
	\$35,088	\$13,000			