

### STATE OF WASHINGTON DEPARTMENT OF HEALTH

Olympia, Washington 98504

September 20, 2019

CERTIFIED MAIL # 7017 3380 0000 0863 8611

Lorraine Wall, RN, MSN Hospital Chief Operating Officer Clallam County Public Hospital District #2 dba Olympic Medical Center 939 Caroline Street Port Angeles, WA 98362

Ralph Parker Clallam County Public Hospital District #2 dba Olympic Medical Center 939 Caroline Street Port Angeles, WA 98362

RE: Certificate of Need Application #19-42

Dear Ms. Wall and Mr. Parker:

We have completed review of the Certificate of Need application submitted by Clallam County Public Hospital District #2 dba Olympic Medical Center to establish a Medicare and Medicaid hospice agency in Clallam County. Enclosed is a written evaluation of the application.

For the reasons stated in this evaluation, the application submitted by Clallam County Public Hospital District #2 dba Olympic Medical Center is consistent with applicable criteria of the Certificate of Need Program, provided Clallam County Public Hospital District #2 dba Olympic Medical Center agrees to the following in its entirety.

### **Project Description:**

This certificate approves the establishment of a Medicare and Medicaid certified hospice agency in Port Angeles, within Clallam County. Hospice services provided at the new agency include physician and clinical services, nursing care, medical equipment and supplies, symptoms control and pain relief management, hospital based short-term care, respite care, home health aide and homemaker services, physical, speech and occupational therapy, social worker services, dietary counseling, grief and loss counseling. Respite care and outpatient drugs are each subject to a small co-payment and other services are covered in full. Hospice staff would be available 24/7 for emergencies. Additional hospice services include inpatient hospice services to nursing home residents. Olympic Medical Center will provide all services directly except dietary and pastoral care that would be contracted.

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### Conditions:

- 1. Approval of the project description as stated above. Clallam County Public Hospital District No. 2 dba Olympic Medical Center further agrees that any change to the project as described in the project description is a new project that requires a new Certificate of Need.
- 2. Clallam County Public Hospital District No. 2 dba Olympic Medical Center shall finance the project using cash reserves as described in the application.
- 3. Prior to providing Medicare and Medicaid certified hospice services, Clallam County Public hospital District No. 2 dba Olympia Medical Center will provide a copy of the final job description for the Medical Director. The final document will identify the medical director and shall be consistent with the draft document provided in the application.
- 4. Prior to providing Medicare and Medicaid certified hospice services, Clallam County Public Hospital District No. 2 dba Olympic Medical Center will provide a listing of its key staff to Certificate of Need Program for its review. The listing of key staff shall include the name and professional license number.
- 5. Clallam County Public Hospital District No. 2 dba Olympic Medical Center will maintain Medicare and Medicaid certification regardless of ownership.
- 6. The service are for the Medicare and Medicaid certified hospice agency is Clallam County. Consistent with Washington Administrative Code 246-310-290(13), Olympic Medical Hospice must provide services to the entire county for which the certificate of need is granted.

### **Approved Costs:**

The approved capital expenditure for the project is \$136,300 that is solely related to office equipment and furnishings.

Please notify the Department of Health within 20 days of the date of this letter whether you accept the above project description, conditions, and capital costs for your project. If you accept these in their entirety, your application will be approved and a Certificate of Need sent to you.

If you reject any of the above provisions, your application will be denied. The department will send you a letter denying your application and provide you information about your appeal rights.

Send your written response to the Certificate of Need Program, at one of the following addresses.

Mailing Address:
Department of Health
Certificate of Need Program
Mail Stop 47852
Olympia, WA 98504-7852

Physical Address:
Department of Health
Certificate of Need Program
111 Israel Road SE
Tumwater, WA 98501

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If you have any questions, please contact the Certificate of Need Program at (360) 236-2955.

Sincerely,

Nancy Tyson, Executive Director

Health Facilities and Certificate of Need

Enclosure

EVALUATION DATED SEPTEMBER 20, 2019, FOR THE CERTIFICATE OF NEED APPLICATION SUBMITTED BY CLALLAM COUNTY PUBLIC HOSPITAL DISTRICT #2 DBA OLYMPIC MEDICAL CENTER PROPOSING TO ESTABLISH A MEDICARE AND MEDICAID HOSPICE AGENCY IN CLALLAM COUNTY

### APPLICANT DESCRIPTION

Clallam County Public Hospital District No. 2 operates Olympic Medical Center, a 126-bed acute care hospital located at 939 Caroline Street, in Port Angeles [98362], within Clallam County. Olympic Medical Center serve the residents of Clallam County, including the north Olympic Peninsula and portions of western Jefferson County.

Services provided by Olympic Medical Center include surgical and birth center services, outpatient services, including cardiac, imaging, cancer care, rehabilitation therapy, laboratory, nutrition, and diabetes education. Olympic Medical Center also operates Olympic Medical Physicians a department that offers both primary and specialty care services and Olympic Medical Home Health a Medicare and Medicaid certified home health agency. [Source: Application, page 1 and CN Historical files]

Olympic Medical Center holds accreditation from Det Norske Veitas Healthcare Hospital GL (DNV GL) through April 11, 2020. [Source: DNV GL website and Application, p1] Olympic Medical Center also holds a level III adult trauma designation with the Washington State Department of Health. [Source: Washington State Emergency Medical Systems Trauma Designation website]

For this evaluation, Olympic Medical Center is referenced as the applicant, with the recognition that the hospital is operated by Clallam County Public Hospital District No. 2.

### PROJECT DESCRIPTION

Olympic Medical Center currently operates a Medicare and Medicaid home health agency in Clallam County. The agency, known as Olympic Medical Home Health, is located at 801 East Front Street in Port Angeles [98362]. The Medicare and Medicaid service area of the home health agency is Clallam County and West Jefferson County.

This project proposes to establish a Medicare and Medicaid certified hospice agency co located with the home health agency. The service area for the hospice agency is Clallam County. If approved the agency would be known as Olympic Medical Hospice. [Source: March 18, 2019, screening response page 1]

Under the Medicare payment system, hospice care benefit consist of the following services physician and clinical services, nursing care, medical equipment and supplies, symptoms control and pain relief management, hospital based short-term care, respite care, home health aide and homemaker services, physical and occupational therapy, social worker services, dietary counseling, grief and loss counseling. Respite care and outpatient drugs are each subject to a small co-payment and other services are covered in full<sup>2</sup>. Hospice staff would be available 24/7 for emergencies. Additional hospice services include inpatient hospice services to nursing home residents. Olympic Medical Center will provide all services directly except dietary and pastoral care that would be contracted. [Source: Application, page 5]

<sup>&</sup>lt;sup>1</sup> "DNV GL Healthcare is a part of DNV GL - Business Assurance, all of which is a part of the global DNV GL Group. Our mission in Business Assurance is to help complex organizations achieve sustainable business performance. Our services help simplify organizational processes and validate your commitment to excellence. Within healthcare, we help our customers achieve excellence by improving quality and patient safety through hospital accreditation, managing infection risk, management system certification, and training." [source: DNV GL website]

<sup>&</sup>lt;sup>2</sup> Medicare Hospice Benefits, page 8 Centers for Medicare & Medicaid Services. CMS Product No. 02154, Revised April 2017.

If approved, Olympic Medical Center expects the Medicare and Medicaid certified hospice agency would be available to the residents of Clallam County by the end of January 2020. Given this timing, year 2020 is the first calendar year of operation and year 2022 would be year three. [Source: Application, page 8]

The estimated capital expenditure for this project is \$136,300 that is solely related to office equipment and furnishings. Since the home health agency is currently providing healthcare services, no additional capital costs are required. [Source: Application, page 1 and Appendix J]

### APPLICABILITY OF CERTIFICATE OF NEED LAW

This application proposes to establish a Medicare and Medicaid certified hospice agency. This action is subject to review as the construction, development, or other establishment of new health care facility under Revised Code of Washington (RCW) 70.38.105(4)(a) and Washington Administrative Code 246-310-020(1)(a).

### **EVALUATION CRITERIA**

WAC 246-310-200(1)(a)-(d) identifies the four determinations that the department must make for each application. WAC 246-310-200(2) provides additional direction in how the department is to make its determinations. It states:

"Criteria contained in this section and in WAC", 246-310-220, 246-310-230, and 246-310-240 shall be used by the department in making the required determinations.

- (a) In the use of criteria for making the required determinations, the department shall consider:
  - (i) The consistency of the proposed project with service or facility standards contained in this chapter;
  - (ii) In the event the standards contained in this chapter do not address in sufficient detail for a required determination the services or facilities for health services proposed, the department may consider standards not in conflict with those standards in accordance with subsection (2)(b) of this section; and
  - (iii) The relationship of the proposed project to the long-range plan (if any) of the person proposing the project."

In the event WAC 246-310 does not contain service or facility standards in sufficient detail to make the required determinations, WAC 246-310-200(2)(b) identifies the types of standards the department may consider in making its required determinations. Specifically WAC 246-310-200(2)(b) states:

"The department may consider any of the following in its use of criteria for making the required determinations:

- (i) Nationally recognized standards from professional organizations;
- (ii) Standards developed by professional organizations in Washington State;
- (iii) Federal Medicare and Medicaid certification requirements;
- (iv) State licensing requirements;
- (v) Applicable standards developed by other individuals, groups, or organizations with recognized expertise related to a proposed undertaking; and
- (vi) The written findings and recommendations of individuals, groups, or organizations with recognized expertise related to a proposed undertaking, with whom the department consults during the review of an application."

WAC 246-310-290 contains service or facility specific criteria for hospice projects and must be used to make the required determinations. To obtain Certificate of Need approval, the applicant must demonstrate compliance with the applicable criteria found in WAC 246-310-210 (need); 246-310-220 (financial

feasibility); 246-310-230 (structure and process of care); 246-310-240 (cost containment); and WAC 246-310-290 (hospice standards and forecasting method).

### TYPE OF REVIEW

As directed under WAC 246-310-290(3) the department accepted this application under the 2018 concurrent review timeline for a hospice agency in Clallam County. Olympic Medical Center's application was the only project submitted for Clallam County, therefore, as allowed under WAC 246-310-290(6), the department converted the project to a regular review timeline. A chronological summary of the 2018 annual review for Clallam County is shown below.

APPLICATION CHRONOLOGY

Action	Olympic Medical Center
Letter of Intent Submitted	November 30, 2018
Application Submitted	December 26, 2018
Department's pre-review activities	
<ul> <li>DOH 1st Screening Letter</li> </ul>	January 31, 2019
<ul> <li>Applicant's Responses Received</li> </ul>	March 18, 2019
<ul> <li>DOH 2nd Screening Letter</li> </ul>	N/A
<ul> <li>Applicant's Responses Received</li> </ul>	N/A
Beginning of Review	April 26, 2019
End of Public Comment/No Public Hearing Conducted	
<ul> <li>Public comments accepted through end of public comment</li> </ul>	May 31, 2019
Rebuttal Comments Received <sup>3</sup>	June 14, 2019
Department's Anticipated Decision Date	July 29, 2019
Department's Anticipated Decision Date with 60-day extension <sup>4</sup>	September 27, 2019
Department's Actual Decision Date	September 20, 2019

### AFFECTED PERSONS

Washington Administrative Code 246-310-010(2) defines "affected person" as:

- "...an "interested person" who:
  - (a) Is located or resides in the applicant's health service area;
  - (b) Testified at a public hearing or submitted written evidence; and
  - (c) Requested in writing to be informed of the department's decision."

WAC 246-310-010(2) requires an affected person to first meet the definition of an 'interested person.' WAC 246-310-010(34) defines "interested person" as:

- (a) The applicant;
- (b) Health care facilities and health maintenance organizations providing services similar to the services under review and located in the health service area;
- (c) Third-party payers reimbursing health care facilities in the health service area;
- (d) Any agency establishing rates for health care facilities and health maintenance organizations in the health service area where the proposed project is to be located;
- (e) Health care facilities and health maintenance organizations, which, in the twelve months prior to receipt of the application, have submitted a letter of intent to provide similar services in the same planning area;

<sup>&</sup>lt;sup>3</sup> All public comments provided during this review were in support of the project. For that reason, Olympic Medical Center did not provide rebuttal comments.

<sup>&</sup>lt;sup>4</sup> Thirty-day extension letter sent to the applicant on August 1, 2019, and on August 28, 2019.

- (f) Any person residing within the geographic area to be served by the applicant; and
- (g) Any person regularly using health care facilities within the geographic area to be served by the applicant.

During the review of this project, the department did not receive any requests for interested or affected person status.

### SOURCE INFORMATION REVIEWED

- Clallam County Public Hospital District No. 2 dba Olympic Medical Center Certificate of Need application received December 26, 2018
- Clallam County Public Hospital District No. 2 dba Olympic Medical Center screening responses received March 18, 2018
- Licensing and/or survey data provided by the Department of Health's Office of Health Systems Oversight
- Department of Health Integrated Licensing and Regulatory System database [ILRS]
- Licensing data provided by the Medical Quality Assurance Commission, Nursing Quality Assurance Commission, and Health Systems Quality Assurance Office of Customer Service
- Clallam County Public Hospital District No. 2 dba Olympic Medical Center website at <a href="https://www.olympicmedical.org/">https://www.olympicmedical.org/</a>
- DNV GL website at <a href="https://www.dnvglhealthcare.com">https://www.dnvglhealthcare.com</a>
- CMS QCOR Compliance website: <a href="https://qcor.cms.gov/index">https://qcor.cms.gov/index</a> new.jsp
- International Organization for Standardization website <a href="https://www.iso.org">https://www.iso.org</a>
- Certificate of Need historical files

### **CONCLUSION**

For the reasons stated in this evaluation, the application submitted by Clallam County Public Hospital District No. 2 dba Olympic Medical Center proposing to establish a Medicare and Medicaid certified hospice agency in Clallam County is consistent with applicable criteria of the Certificate of Need Program, provided Clallam County Public Hospital District No. 2 dba Olympic Medical Center agrees to the following in its entirety.

### **Project Description:**

This certificate approves the establishment of a Medicare and Medicaid certified hospice agency in Port Angeles, within Clallam County. Hospice services provided at the new agency include physician and clinical services, nursing care, medical equipment and supplies, symptoms control and pain relief management, hospital based short-term care, respite care, home health aide and homemaker services, physical, speech and occupational therapy, social worker services, dietary counseling, grief and loss counseling. Respite care and outpatient drugs are each subject to a small co-payment and other services are covered in full. Hospice staff would be available 24/7 for emergencies. Additional hospice services include inpatient hospice services to nursing home residents. Olympic Medical Center will provide all services directly except dietary and pastoral care that would be contracted.

### **Conditions:**

- 1. Approval of the project description as stated above. Clallam County Public Hospital District No. 2 dba Olympic Medical Center further agrees that any change to the project as described in the project description is a new project that requires a new Certificate of Need.
- 2. Clallam County Public Hospital District No. 2 dba Olympic Medical Center shall finance the project using cash reserves as described in the application.
- 3. Prior to providing Medicare and Medicaid certified hospice services, Clallam County Public hospital District No. 2 dba Olympia Medical Center will provide a copy of the final job description for the Medical Director. The final document will identify the medical director and shall be consistent with the draft document provided in the application.
- 4. Prior to providing Medicare and Medicaid certified hospice services, Clallam County Public Hospital District No. 2 dba Olympic Medical Center will provide a listing of its key staff to Certificate of Need Program for its review. The listing of key staff shall include the name and professional license number.
- 5. Clallam County Public Hospital District No. 2 dba Olympic Medical Center will maintain Medicare and Medicaid certification regardless of ownership.
- 6. The service are for the Medicare and Medicaid certified hospice agency is Clallam County. Consistent with Washington Administrative Code 246-310-290(13), Olympic Medical Hospice must provide services to the entire county for which the certificate of need is granted.

### **Approved Costs:**

The approved capital expenditure for the project is \$136,300 and is solely related to office equipment and furnishings.

### **CRITERIA DETERMINATIONS**

### A. Need (WAC 246-310-210) and Hospice Services Standards and Need Forecasting Methodology (WAC 246-310-290)

Based on the source information reviewed and agreement to the conditions identified in the conclusion section of this evaluation, the department determines that the Clallam County Public Hospital District No. 2 dba Olympic Medical Center project **met** the applicable need criteria in WAC 246-310-210 and the availability and accessibility criteria in WAC 246-310-290(13).

(1) The population served or to be served has need for the project and other services and facilities of the type proposed are not or will not be sufficiently available or accessible to meet that need.

### WAC 246-310-290(8)-Hospice Agency Numeric Methodology

The numeric need methodology outlined in WAC 246-310-290(8) uses hospice admission statistics, death statistics, and county-level population projections to predict where hospice services will be needed in Washington State. If a planning area shows an average daily census of 35 unserved hospice patients three years after the application submission year, there is numeric need and the planning area is "open" for applications. The department published the step-by-step methodology in October 2018 – it is attached to this evaluation as Appendix A.

### Olympic Medical Center

Olympic Medical Center provided the department's year 2018 numeric need methodology posted to its website. The numeric methodology projected a need for two hospice agencies in Clallam County. [Source: Application, Appendix F]

### **Public Comment**

None

### Rebuttal Comment

None

### **Department Evaluation-Numeric Methodology**

The numeric methodology identified a need for two Medicare and Medicaid certified hospice agencies within Clallam County through projection year 2021. The results are shown in the table below.

Department's Table 1 Clallam County Hospice Methodology Summary for Years 2019- 2020

	Year 2019	<b>Year 2020</b>	Year 2021
Unmet Need for Patients Days	26,894	27,708	28,573
Unmet Patient Days divided by 365	74	76	78
Number of Agencies Needed (subtract 35)	2	2	2

In conclusion, the numeric methodology is a population-based assessment used to determine the projected need for hospice services in a county (planning area). Based solely on the numeric methodology applied by the department, need for two additional hospice agencies in Clallam County is demonstrated.

The department concludes that Olympic Medical Center has demonstrated numeric need for this project. In addition to the numeric need, the department must determine whether other services and facilities of

the type proposed are not or will not be sufficiently available and accessible to meet the planning area resident needs.

### Olympic Medical Center

In response to this sub-criterion, Olympic Medical Center provided the following statements.

"The unmet need for 2020 was determined to be an ADC (average daily census) of 74 over the calendar year. This projection of unmet hospice need is a clear indication that the existing Medicare hospice provider in Clallam County has not kept pace with the overall rate of hospice utilization in Washington. (See Appendix F for calculations.)

Exhibit 2 shows that, if Clallam County's population experienced the average hospice market penetration of all Washington counties, 407 more terminally ill persons, and their families in Clallam County would have received Medicare type hospice care in 2017.

Using a conservative average length of stay (ALOS) of 60 days, the 407 underserved patients shown in Exhibit 2 above would have represented an average daily census (ADC) of 67 hospice patients in 2017. Adopting the Department's assumption that an ADC of 35 is required for financial feasibility, this analysis further demonstrates the need for an additional hospice agency to address the unmet needs of Clallam County residents.

### Need for personal choice

Each family in Clallam County that wishes to consider hospice care has currently only one choice of Medicare certified hospice provider. Certainly, when making an end of life decision so intimate, so personal and values laden, it is preferable for there to be at least two hospices from which to choose.

### Need for a flexible approach to the provision of chemotherapy and radiation therapy for palliative care purposes

Palliative treatments, such as chemotherapy and radiation therapy, are what many providers classify as "uncovered services". These palliative treatments are intended to shrink tumors to relieve pain or other symptoms. Many hospices do not admit patients on expensive therapies. OMH is prepared to provide for these therapies as well as infusion therapy, ventilators, liquid oxygen and others as necessary to palliate the symptoms of terminal illness when these palliative treatments do not change the six months or less prognosis.

### Need for broader outreach and provision of bereavement support

OMC believes that providing bereavement support services only to the families of hospice patients is too limiting. With the specialized skills of the spiritual counselor and social work members of its team, OMH can reach out to a broader range of the community.

### Need for outreach and information services that will increase understanding of hospice among community members and the professional health care community.

OMH will develop an array of educational and informational tools to successfully bring the hospice benefit to more eligible patients in Clallam County. OMH outreach plans include the hospital's program of Honoring Choices educational seminars focusing on end of life issues for Clallam County professionals who work with end of life patients". [Source: Application, page 10-13]

### **Public Comments**

During this review, the department received public comments in support of the project. No public comments in opposition were submitted. Below are excerpts from the letters by community agencies and residents in the planning area.

### North Olympic Healthcare Network

"...as Chief Executive Officer of North Olympic Healthcare Network, a Federally Qualified Community Health Center in Port Angeles, providing integrated Primary Care, Behavioral Health, and Dental services to citizens of Clallam County regardless of their ability to pay. We provide primary care for nearly 13,000 patients in our service area.

As an Integral part of Primary Care, our Family Physicians and Advance Practice Clinicians provide full spectrum care through all the stages of a patient's life - from birth through advanced age. The nature of this comprehensive care inherently requires that we help patients through end-of-life care as well. As a consequence, we regularly must utilize Hospice Services to see that these needs are met in an effective, compassionate and dignified manner.

We understand that Olympic Medical Center (OMC), our lone rural community hospital with a long history of dedication to providing high-quality services to meet needs, has applied for a Certificate of Need for establishing a hospital-based Medicare-certified hospice service. We are in full support of this application, and request your approval of this CON.

Our support stems from a recognition of the reality that many of our patients with terminal illnesses frequently end up in the hospital (often repeatedly) for management of pain or symptoms associated with their term Ina I condition. Much lack the resources or family capacity to have the patient return to their homes to effectively receive hospice services, and the option to have those services made available through OMC would minimize their suffering and preserve their dignity. Further, patients commonly experience progression of their chronic illnesses to the terminal phase during a hospitalization, and a decision to transition to comfort care with hospice services could be seamlessly accomplished if OMC were able to make hospital-based services available". [Source: Michael S. Maxwell, MD Chief Executive Officer North Olympic Healthcare Network Public comment received May 31, 2019]

### Olympic Peninsula Community Clinic

"...OPCC is very supportive of Olympic Medical Center's (OMC) request of a CON for Medicare certified hospice services, and hopes the state will approve such. OMC has longstanding and well-recognized mission to provide quality medical care to patients on the Olympic Peninsula". [Source: Gerald B. Stephanz, Jr. MD. Medical Director Board of Directors Olympic Peninsula Community Clinic Public comment received May 31, 2019]

### Jamestown S'Klallam Tribe

"The Jamestown S'Klallam Tribe operates a primary care facility (Jamestown Family Health Clinic) that serves over 15,000 patients In the Sequim and Clallam County community. Over 50% of our patient population is over the age of 55. Consequently, we have a strong interest in the hospice care in our community.

We strongly support and request approval of the hospice CON for Olympic Medical Center (OMC). The Jamestown Tribe has worked closely and collaboratively with OMC over the years and finds them to be not only a health care leader but a strong asset to our community. The Clallam County community will see strong growth over the next several years and we will see more demand for hospice care. A Medicare-certified hospice agency run by Olympic Medical Center will fill a growing need and be

operated by a highly professional and committed organization". [Source: D. Brent Simcosky Director of Health Services Public comment received May 31, 2019]

Below are excerpts from the statements in some of the letters of support by residents in the planning area.

- "...Our population is aging and receives the vast majority of its health care from OMC through health care provider, inpatient hospital stays, outpatient diagnostic and therapy services and home health. OMC is prepared to develop comprehensive patient-centered hospice services as a component of its service. OMC has developed cooperative relationships with non-OMC-based primary health care providers, including a shared electronic record system, to support continuity of care. Patients will benefit from having the continuity provided by a hospice incorporated into their existing medical services system".
- "...As it is structured now, Volunteer Hospice does not have the capacity to offer more than limited inhome patient care, which basically supports and trains capable family members who do most of the actual patient care. But with the exponentially increasing senior population in Clallam County, I assume. Volunteer Hospice will reach a tipping point and no longer be able to offer in-home hospice care, no matter how limited, to all who wish it. This may create a heart-breaking lack of palliative care for people who are either alone or don't have capable family members to manage meds and patient care".
- "...I am a full-time employed resident of Sequim, WA, which as you may know has a very high population of folks over 65. I am not there myself yet, however I write to you today to express my support of the Olympic Medical Center's application for a Certificate of Need to establish Olympic Medical Hospice, a Medicare-certified hospice agency to serve Clallam County. The need is so great here, and from my own personal experience with Medicare hospice, I know that it makes it easier for terminally ill patients to die at home, if they wish."
- "I am a 77-year-old retiree and I have been living in Sequim for 16 years. I am a member of the League of Women Voters and have always been very concerned about access to health care, especially access to reproductive health for women and access to end-of life care for the elderly. I know a lot of people around my age. All of them support access to Hospice care, and they support the hospital's interest in providing a Medicare-benefit Hospice team through OMH..."
- "I am a full-time employed resident of Sequim, WA, which as you may know has a very high population of folks over 65. I am not there myself yet, however I write to you today to express my support of the Olympic Medical Center's application for a Certificate of Need to establish Olympic Medical Hospice, a Medicare certified hospice agency to serve Clallam County. The need is so great here, and from my own personal experience with Medicare hospice, I know that it makes it easier for terminally ill patients to die at home, if they wish..."
- "... strongly support an Olympic Medical Center hospice. It would improve coordination of care between providers and caregivers, relieve families of the stress of not having access to information on patient management 24/7. OMC provided us with excellent hospital and home care services and adding hospice care will mean more access to specialists in pain and symptom management for patients who chose to die at home".

### Rebuttal Comment

None

### **Department Evaluation**

Comments provided during this review demonstrate need for an additional Medicare and Medicaid certified hospice provider in Clallam County. The applicant assumed that majority of the hospice agency patients would come from its home health agency currently providing services in the planning area. While the home health agency is approved to serve west Jefferson County, if this project is approved, the hospice agency is limited to Clallam County. Further, consistent with WAC 246-310-290(13), the hospice agency must be available to provide hospice services to the entirety of Clallam County.

Olympic Medical Center states that its Medicare certified home health agency made 48,000 home visits in 2017 to homes throughout Clallam and western Jefferson counties. The department did not receive any comments from the only approved hospice agency located in the planning area. Given the department did not receive comments in opposition to this project; the department assumed that approval of this project would not have any adverse effect on current services provided in the planning area.

The department considers the rationale and assumptions relied upon by Olympic Medical Center to propose the establishment of a Medicare and Medicaid hospice agency in Clallam County to be reasonable. Olympic Medical Center anticipates that the new hospice agency would be located in Port Angeles and it will serve residents of Sequim and surrounding North Olympic Peninsula communities of Clallam County.

Olympic Medical Center the approval of second provider in the planning area will result in an additional hospice option for many terminally ill home health patients in the area. Based on the information above, the department concludes that Olympic Medical Center provided reasonable rationale to support its project and the statements in the application support need for this project. **This sub-criterion is met.** 

(2) <u>All residents of the service area, including low-income persons, racial and ethnic minorities, women, handicapped persons, and other underserved groups and the elderly are likely to have adequate access to the proposed health service or services.</u>

To evaluate this sub-criterion, the department evaluates an applicant's admission policies, willingness to serve Medicare and Medicaid patients, and to serve patients that cannot afford to pay for services.

The admission policy provides the overall guiding principles of the facility as to the types of patients that are appropriate candidates to use the facility and assurances regarding access to treatment. The admission policy must also include language to ensure all residents of the planning area would have access to the proposed services. This is accomplished by providing an admission policy that states patients would be admitted without regard to race, ethnicity, national origin, age, sex, pre-existing condition, physical, or mental status.

Medicare certification is a measure of an applicant's willingness to serve the elderly. With limited exceptions, Medicare is coverage for individuals age 65 and over. It is also well recognized that women live longer than men do and therefore more likely to be on Medicare longer.

Medicaid certification is a measure of an applicant's willingness to serve low-income persons and may include individuals with disabilities.

Charity care shows a willingness of a provider to provide services to individuals who do not have private insurance, do not qualify for Medicare, do not qualify for Medicaid, or are under insured. With the

passage of the Affordable Care Act, the amount of charity care is expected to decrease, but not disappear.

### **Olympic Medical Center**

Olympic Medical Center provided copies of the following hospital-wide policies that are currently used by the home health agency and would also be used by the hospice agency. [Source: Application, page 23, Appendices G, H, and I]

- Admission To Home Health or Hospice
- Admission at Olympic Medical Center
- Charity Care Policy Financial Assistance Program
- Patient Referral Policy
- Intake and Referral Process

The Admission to Home Health or Hospice Policy includes the following non-discrimination language.

"Patients and their families are accepted for care if their needs are compatible with services provided by the agency and criteria for acceptance are satisfied. Patients are accepted for treatment regardless of race, religious philosophy, nationality, marital status, age, sex, ethnic origin, sexual orientation, source of financial support, or disability, unless such disability cannot be effectively managed by Olympic Medical Home Health and Hospice".

The charity care policy provided by Olympic Medical Center states:

"Consistent with its mission to work together to provide excellence in healthcare, Olympic Medical Center is committed to providing financial assistance to uninsured and underinsured individuals who are in need of emergency or medically necessary treatment and have a household income between 100% and 300% of the Federal Poverty Level Guidelines (FPL)". [Source: Application, page 23, Appendix H]

Olympic Medical Center currently provides Medicare and Medicaid certified acute care services and home health services in Clallam County. For its proposed Clallam County hospice agency, Olympic Medical Center would also be available for both Medicare and Medicaid patients. Olympic Medical Center provided the projected payer mix for hospice services in Clallam County. [Source: Application, Page 28]

Department's Table 2
Olympic Medical Hospice Projected Payer Mix and Percentage

Payer	Percent
Medicare and Medicare Managed Care	90%
Medicaid	5%
Commercial/Tricare, private etc.	5%
Total	100%

Olympic Medical Center provided the following clarification to the information in table above.

"The table below indicates the estimated percentage payer mix for the proposed project. The percentages are not expected to change over time". [Source: Application, page 28]

Public Comment

None

Rebuttal Comment

None

### **Department Review**

Olympic Medical Center has been providing Medicare and Medicaid hospice services to the residents of Clallam County for many years. The Admission to Home Health or Hospice Policy provided by the applicant describes the process Olympic Medical Center would use to admit a patient to its hospice agency and outlines rights and responsibilities for both Olympic Medical Center and the patient.

The Admission to Home Health or Hospice Policy includes language to ensure all patients would be admitted for treatment without discrimination. The policy states: "Patients are accepted for treatment regardless of race, religious philosophy, nationality, marital status, age, sex, ethnic origin, sexual orientation, source of financial support, or disability, unless such disability cannot be effectively managed by Olympic Medical Home Health and Hospice".

The Admission to Home Health or Hospice Policy provided within the application is a draft document. To ensure that the proposed hospice agency will admit all resident of the planning area who qualifies for hospice services, if this project is approved, the department would attach a condition requiring Olympic Medical Center to provide an executed Admission to Home Health or Hospice Policy consistent with the draft provided in the application.

Olympic Medical Center anticipates its Medicare and Medicaid revenues for the proposed hospice agency will be approximately 95% of its total revenues. Olympic Medical Center does not expect a significant change in its Medicare and Medicaid revenues over time. Additionally, the financial data provided in the application shows that Medicare and Medicaid revenue is expected.

Olympic Medical Center also provided a copy of it proposed charity care policy that would be used at the hospice agency. The policy provides the circumstances that a patient may qualify for charity care and outlines the process to be used to obtain charity care. Additionally, the pro forma financial statements provided in the application show a charity care line item.

The Charity Care Policy – Financial Assistance Program provided within the application is a draft document. To ensure that the proposed hospice agency will provide charity care, if this project is approved, the department would attach a condition requiring Olympic Medical Center to provide an executed Charity Care Policy – Financial Assistance Program consistent with the draft provided in the application.

With the conditions identified above and Olympic Medical Center agreement to the conditions, the department concludes **this sub-criterion is met**.

- (3) The applicant has substantiated any of the following special needs and circumstances the proposed project is to serve.
  - (a) <u>The special needs and circumstances of entities such as medical and other health professions schools, multidisciplinary clinics and specialty centers providing a substantial portion of their services or resources, or both, to individuals not residing in the health service areas in which the entities are located or in adjacent health service areas.</u>
  - (b) <u>The special needs and circumstances of biomedical and behavioral research projects designed to meet a national need and for which local conditions offer special advantages.</u>
  - (c) The special needs and circumstances of osteopathic hospitals and non-allopathic services.

- (4) The project will not have an adverse effect on health professional schools and training programs. The assessment of the conformance of a project with this criterion shall include consideration of:
  - (a) The effect of the means proposed for the delivery of health services on the clinical needs of health professional training programs in the area in which the services are to be provided.
  - (b) <u>If proposed health services are to be available in a limited number of facilities, the extent to which the health professions schools serving the area will have access to the services for training purposes.</u>
- (5) The project is needed to meet the special needs and circumstances of enrolled members or reasonably anticipated new members of a health maintenance organization or proposed health maintenance organization and the services proposed are not available from nonhealth maintenance organization providers or other health maintenance organizations in a reasonable and cost-effective manner consistent with the basic method of operation of the health maintenance organization or proposed health maintenance organization.

### **Department Evaluation**

This sub-criterion under WAC 246-310-210(3), (4), and (5) is not applicable to this application.

### B. Financial Feasibility (WAC 246-310-220)

Based on the source information reviewed and agreement to the conditions identified in the conclusion section of this evaluation, the department determines that the Clallam County Public Hospital District No. 2 dba Olympic Medical Center project **met** the applicable financial feasibility criteria in WAC 246-310-220.

(1) The immediate and long-range capital and operating costs of the project can be met.

WAC 246-310 does not contain specific WAC 246-310-220(1) financial feasibility criteria as identified in WAC 246-310-200(2)(a)(i). There are also no known recognized standards as identified in WAC 246-310-200(2)(a)(ii) and (b) that directs what the operating revenues and expenses should be for a project of this type and size. Therefore, using its experience and expertise the department evaluates if the applicant's pro forma income statements reasonably project the proposed project is meeting its immediate and long-range capital and operating costs by the end of the third complete year of operation.

To evaluate this sub-criterion, the department reviews the assumptions provided by an applicant, projected revenue and expense (income) statements, and projected balance sheets. The assumptions are the foundation for the projected statements. The income statement is a financial statement that reports a company's financial performance over a specific period—either historical or projected. Projected financial performance is assessed by giving a summary of how the business expects its revenues to cover its expenses for both operating and non-operating activities. It also projects the net profit or loss incurred over a specific accounting period.<sup>5</sup>

The purpose of the balance sheet is to review the financial status of company at a specific point in time. The balance sheet shows what the company owns (assets) and how much it owes (liabilities), as well as the amount invested in the business (equity). This information is more valuable when the balance sheets for several consecutive periods are grouped together, so that trends in the different line items can be viewed.

<sup>&</sup>lt;sup>5</sup> One purpose behind the income statement is to allow key decision makers to evaluate the company's current situation and make changes as needed. Creditors use these statements to make a decision on loans it might make to the company. Stock investors use these statements to determine whether the company represents a good investment.

In financial accounting, a cash flow statement, also known as statement of cash flows, is a financial statement that shows how changes in balance sheet accounts and income affect cash and cash equivalents, and breaks the analysis down to operating, investing and financing activities. Essentially, the cash flow statement is concerned with the flow of cash in and out of the business. The cash flow statement is typically distributed with a company's income statement and balance sheet.

Olympic Medical Center is an existing provider of healthcare services in Washington State. As a part of this Certificate of Need review, the department must determine that an approvable project is financially feasible – not just as a stand-alone entity, but also as an addition to its own existing operations. To complete its review, the department requested that Olympic Medical Center provide the following financial statements.

### Olympic Medicare Center

Olympic Medical Center hospice agency is not an existing facility. If approved, it will be operated as a program of the hospital and its patient origin would be from the hospital patient's source. Olympic Medical Center provided the assumptions used to determine the projected number of patients and visits for the proposed Clallam County hospice agency. The assumptions are restated below.

"The unmet need for 2020 was determined to be an ADC (average daily census) of 74 over the calendar year. This projection of unmet hospice need is a clear indication that the existing Medicare hospice provider in Clallam County has not kept pace with the overall rate of hospice utilization in Washington. (See Appendix F for calculations.)". [Source: Application page 11]

Applicant's Exhibit 2 Recreated

	WA Statewide Use Rate (1)	Clallam County Actual Admits (2)	_	Clallam County Use Rate (3)	# of Clallam County Patients Underserved (4)
Patients Under 65	28.5%	14	51	8%	37
Patients 65+	60.9%	143	513	19%	370
Clallam Totals		157	564	15%	407

### Notes to Exhibit 2:

- (1) 2015-2017 avg. statewide admissions per DOH survey divided by 2015-2017 avg. deaths
- (2) Number of hospice admissions, Clallam County, 2017
- (3) Hospice admissions as % of deaths, Clallam County, 2017
- (4) Additional Clallam County patients that would have been served if 2017 Clallam County residents used hospice care as often as the state average

Exhibit 2 shows that, if Clallam County's population experienced the average hospice market penetration of all Washington counties, 407 more terminally ill persons, and their families in Clallam County would have received Medicare type hospice care in 2017.

Using a conservative average length of stay (ALOS) of 60 days, the 407 underserved patients shown in Exhibit 2 above would have represented an average daily census (ADC) of 67 hospice patients in 2017. Adopting the Department's assumption that an ADC of 35 is required for financial feasibility, this analysis further demonstrates the need for an additional hospice agency to address the unmet needs of Clallam County residents". [Source: Application page 11-12]

### "OMH Volume Projection Assumptions and Methodology

### Assumptions

*The basis for projected volumes at OMC Hospice:* 

- OMC Home Health currently has a very high percent of home health patients with terminal illnesses. A portion of these patients will begin to select the Medicare hospice option.
- As OMH becomes available to OMC inpatients and OMP outpatients with terminal illnesses, a portion of these patients will begin considering the Medicare hospice option and select OMH.
- OMH will receive referrals from Clallam County providers whose terminally ill patients wish to consider hospice care. These include major area providers such as Forks Community Hospital, S'Klallam Tribal Healthcare, North Olympic Healthcare Network, Volunteers in Medicine of the Olympics, and others.
- Clallam County residents facing terminal diagnoses and being discharged from Puget Sound regional referral hospitals will be referred to OMH.

### Methodology

Projection of OMH specific hospice workload through 2022 relies on two categories of patients:

- Existing OMC home health patients
- Hospice referrals from physicians and community and involves four steps:
  - 1. Develop three numerical input assumptions
  - 2. Calculate a baseline projection of OMH patients
  - 3. Project a 2022 hospice volume for OMH based on increased Clallam County market share toward the statewide average.
  - 4. Translate referrals to OMH into projected ADC, 2020-2022.

[Source: Application page 18]

Within the application, Olympic Medical Center provided a table showing the average national hospice and palliative diagnosis by patients using hospice services published by the National Hospice and Palliative Care Organization. The information and table is reproduced below. [Source: Application pages 16-17]

### Applicant's Table Recreated Olympic Medical Center National Hospice and Palliative Care Diagnosis

Diagnosis	Percent
Cancer	28
Heart/Cardiac/Circulatory	19
Dementia	16
Lung/Respiratory	11
Stroke/Coma	9
Other	17
Total	100%

Olympic Medical Center also provided the statements below.

"As a result of Clallam County community and provider reluctance to use Medicare hospice, OMC's home health agency serves an unusually large number of terminally ill patients. Based on its nurses' chart reviews, OMC's home health agency is providing skilled terminal care services to about 100 patients at any given time.

OMC discharge planners and home health staff estimate that patients with terminal illness will be more likely to choose Medicare hospice if more choices are presented to them. The average home health episode of care is 60 days, so it will take 23 months at start up before this group of OMC's home health patients starts selecting the hospice option and choosing OMH as their Medicare hospice.

For historic reasons of community and provider preference, the change will be gradual and only half of hospice eligible patients receiving home health services are projected to elect hospice by year

3. The table below shows the 2020-2022 estimated conversion of OMC terminally ill OMC home health patients who will elect hospice rather than home health. Assuming a quarterly turnover in home health patients and 100 hospice eligible patients per quarter, the table applies increasing annual conversion rates of 20%, 33%, and 50%. Thus, the annual number of OMC home health patients that will move into OMH or elect OMH instead of home health is shown in the right hand column as "Annual OMH Admissions.

Conversion of OMC Home Health patients to OMH Hospice

	HHA Terminal Patients per Quarter	% electing OMH	HHA referrals/qtr.	Annual OMH admissions*
2020	100	20%	20	60
2021	100	33%	33	132
2022	100	50%	50	200"

<sup>\*</sup> three quarters of 2020 only

Using the assumptions stated above, Olympic Medical Center projected the number of admission (unduplicated patient), patient's days, and average daily census for the proposed Clallam County hospice agency. The table below shows the information. [Source: Application page 16, Appendix J]

Department's Table 3 Olympic Medical Hospice Projected Utilization Years 2020 through 2022

•	CY 2020	CY 2021	CY 2022
Unduplicated Patients	108	120	304
Average Length of Stay	60	60	60
Patient Days	6,480	12,600	18,240
Average Daily Census	17.8	34.5	50.0

If this project is approved, Olympic Medical Center would be operated under Clallam County Public Hospital District No. 2 dba Olympic Medical Center. To assist in this evaluation, the applicant provided a pro forma financial statements for the hospital with and without the proposed hospice agency. Since, Olympic Medical Center currently provides Medicare and Medicaid home health services to the residents of Clallam County and west Jefferson County, the without scenario includes the hospital and the home health agency. [Source: Application Appendix J and March 18, 2018, OMC (Hospital without hospice) Proforma financials, 2020-2022]

- Pro forma Operating Statement
- Estimated Capital Expense and Depreciation
- OMC (Hospital without hospice) Pro forma financials 2020-2022

### Revised OMH Balance Sheet and Cash Flow

The assumptions used by Olympic Medical Center to project revenue, expenses, and net income for the hospice agency for projection years 2020 through 2022 are below. [Source: Application, page 28 and Appendix J]

- Years 2020-2022 are full calendar years of operation.
- Total revenue is broken down by Medicare, Medicaid, & Commercial/other
- Gross revenue includes commercial insurance such as Healthy Options, and CHAMPUS
- Contractual Allowances, bad debt, and charity care estimated at 1% of gross revenue
- Payroll Taxes and Benefits cost is 30% of salaries
- Staffing summary days of care x per diem rates (varies)
- Physician consulting fees based on \$2.28 DOC
- Pharmaceuticals/IVY are \$8.66 DOC
- Medical supplies are \$2.38 DOC
- General Inpatient Costs is \$782.67 per general inpatient day
- Inpatient Respite is \$180.84 per inpatient respite day
- Contract Labor costs include spiritual and dietary counseling
- All formulas & assumptions are in the pro forma statement

Department's Table 4 Olympic Medical Hospice Payer Mix

Payer	Percent
Medicare and Medicare Managed Care	90%
Medicaid	5%
Commercial/Tricare, private etc.	5%
Total	100%

As stated above, to complete its projected financial statements for this project, Olympic Medical Center provided the proposed hospice agency projected revenue, expenses, and net income for the hospice agency. Additionally, the hospital pro forma financial statement without the proposed hospice agency. [Source: Application Appendix J and March 18, 2018, screening responses OMC (Hospital without hospice) Pro forma financials, 2020-2022]

The hospital only pro forma agency shows the hospital is profitable. Table 3 below shows hospice agency only financial projection for years 2020 through 2022. [Source: Application page 16, Appendix J]

Department's Table 5 Olympic Medical Hospice

Revenue and Expense Statement for Projected Years 2020 through 2022

	CY 2020	CY 2021	CY 2022
Net Revenue	\$1,311,322	\$2,549,796	\$3,691,132
Total Expenses	\$1,263,645	\$1,794,341	\$2,327,471
Net Profit / (Loss)	\$47,677	\$755,455	\$1,363,661

Olympic Medical Center also provided the projected balance sheets for the proposed hospice agency only, and the hospital. Table 4 below shows year 2021, the third year of operation for the hospice agency. [Source: March 18, 2019, Screening response, Appendix S-6]

### Department's Table 6 Olympic Medical Hospice

U	lympic iv	icuicai 1108	pice	
<b>Balance</b>	Sheet for	r Projected	Year	2022
				Liahi

Assets		Liabilities	
Current Assets	\$72,305,243	Current Liabilities	\$21,365,820
Depreciation	\$142,077,016	Other Long Term Debt	\$47,549,145
Other Assets	\$2,406,266	Total Liabilities and Net Position	\$147,873,560
<b>Total Assets</b>	\$216,788,525	Total Liabilities and Equity	\$216,788,525

### **Public Comment**

None

### Rebuttal Comment

None

### **Department's Evaluation**

### **Utilization Assumptions**

An applicant's utilization assumptions are the foundation for the financial review under this subcriterion. Olympic Medical Center based its projected utilization of the hospice agency on specific factors:

- hospital patients that may use hospice services;
- home health patients that may use hospice services; and
- referrals from other healthcare providers in the county.

Specific to the home health agency, while it is approved to serve west Jefferson County, Olympic Medical Center limited its hospice assumptions to patients residing in Clallam County. Olympic Medical Center's utilization assumptions are reasonable.

### Pro Forma Financial Statements

Olympic Medical Center provided pro forma financial statements, including the Revenue and Expense Statements, Balance Sheets, and Cash Flow Statements, that allowed the department to evaluate the financial viability of the proposed Olympic Medical Center's hospice agency alone and combined with operations of the hospital. This approach is consistent with projects operated under another healthcare facility.

Olympic Medical Center based the revenue and expenses for its hospice agency on the assumptions referenced above. Olympic Medical Center expects a slow operation ramp up in year 2020, with an expected profit of \$47,678. By the end of year three or by year 2022, the hospice agency profits are expected to increase to \$1,363,661. Since Olympic Medical Center proposes to operate the hospice agency as part of the hospital department, it projected combined revenues and expenses for the hospital and the hospice agency. The projections show a net profit in years 2020 through 2022. A review of the projected balance sheet shows that the hospital expects its hospice operations would add to the hospital bottom line.

The hospice agency would be located in a building currently owned by Olympic Medical Center. Therefore, the hospital provided a copy of Clallam County tax assessor record of ownership to show the ownership of the property. [Source: Application page 9, and Appendix E]

Additionally, Olympic Medical Center provided a draft job description for its prospective medical director. The draft document states that under the hospital's chief physician officer, the prospective hospice medical director would be an administrative physician charged with medical oversight for Olympic Medical Hospice. The medical director position description identified the roles and responsibilities of both the hospital and proposed medical director, and the projected revenue and expense statements identify all costs associated with the position. [Source: Application page 4, and Appendix C]

Given the department did not receive any comments to suggest that approval of this project would have impact the hospital financial operation, based on the information reviewed in the application, the department concludes the immediate and long-range operating costs of Olympic Medical Hospice can be met. **This sub-criterion is met.** 

(2) <u>The costs of the project, including any construction costs, will probably not result in an unreasonable impact on the costs and charges for health services.</u>

WAC 246-310 does not contain specific WAC 246-310-220(2) financial feasibility criteria as identified in WAC 246-310-200(2)(a)(i). There are also no known recognized standards as identified in WAC 246-310-200(2)(a)(ii) and (b) that directs what an unreasonable impact on costs and charges would be for a project of this type and size. Therefore, using its experience and expertise the department compared the proposed project's costs with those previously considered by the department.

### Olympic Medicare Center

For its application, Olympic Medical Center projected an estimated capital expenditure of \$136,300 for the establishment of the hospice agency. Since the facility will be co-located with the home health agency, the costs are solely for office remodeling, furnishing, and office equipment. [Source: Application, page 28, and Appendix J]

Related to the capital expenditure, Olympic Medical Center provided these statements:

- Estimated furnishings and equipment costs are based on OMC historical purchases of similar items.
- Estimated cost of altering existing office building space for use by hospice staff is based on OMC in house construction estimate that relied on prior similar project costs and familiarity with materials costs. [Source: Application, page 26]

### **Public Comment**

None

### Rebuttal Comment

None

### **Department's Evaluation**

Olympic Medical Center projected an estimated capital expenditure of \$136,300 for the establishment of Olympic Medical hospice services. The costs are solely for office remodeling, furnishing, and office equipment. [Source: Application, page 27]

Olympic Medical Center provided a letter from its Chief Financial Officer demonstrating its financial commitment to this project, including the project capital expenditure and any cash flow requirements.

The cost to provide services by Olympic Medical Hospice is included in the projected operating revenue and expenses statement. As shown in the revenue and expense statement, adding Olympic Medical

Hospice to the hospital operations is not expected to significantly impact the financial viability of the hospital.

Based on the information above, the department concludes that approval of this project is not expected to have an unreasonable impact on the costs and charges of healthcare services in the planning area. Based on the information, the department concludes **this sub criterion is met.** 

### (3) The project can be appropriately financed.

WAC 246-310 does not contain specific source of financing criteria as identified in WAC 246-310-200(2)(a)(i). There are also no known recognized standards as identified in WAC 246-310-200(2)(a)(ii) and (b) that directs how a project of this type and size should be financed. Therefore, using its experience and expertise the department compared the proposed project's source of financing to those previously considered by the department.

### Olympic Medicare Center

To comply with this sub criterion, Olympic Medical Center provided the following statements.

- All project costs for initiation of Medicare hospice agency will be covered by available OMC funds. No financing costs will be incurred. [Source: Application, page 26]
- "There will be no financing costs for the proposed project. Accordingly, no analysis evaluating the alternatives is provided.
- OMC has identified the costs of initial development and startup of the OMC Hospice. Sufficient working capital will be provided by the hospital to cover the costs of operation until Medicare reimbursement is received.
- "Please see Appendix K for a letter from Darryl Wolfe, OMC Chief Financial Officer, committing sufficient funds to the working capital required". [Source: Application, page 29]

### **Public Comment**

None

### Rebuttal Comment

None

### **Department Evaluation**

Olympic Medical Center intends to finance this project using hospital reserves. As previously stated, Olympic Medical Center provided a letter from its Chief Financial Officer demonstrating its financial commitment to this project, including the project capital expenditure and any cash flow requirements.

Further, the cost to provide services by Olympic Medical Hospice is included in the projected operating revenue and expenses statement. As shown in the revenue and expense statement, adding Olympic Medical Hospice to the hospital operations is not expected to significantly impact the financial viability of the hospital.

This approach is appropriate, as Olympic Medical Center's assets are sufficient to cover this cost. If this project is approved, the department would attach a condition requiring Olympic Medical Center to finance the project consistent with the financing description in the application. With the financing condition, the department concludes **this sub-criterion is met.** 

### C. Structure and Process (Quality) of Care (WAC 246-310-230)

Based on the source information reviewed and agreement to the conditions identified in the conclusion section of this evaluation, the department determines that Clallam County Public Hospital District No. 2 dba Olympic Medical Center project **met** the applicable structure and process of care criteria in WAC 246-310-230.

### (1) <u>A sufficient supply of qualified staff for the project, including both health personnel and management personnel, are available or can be recruited.</u>

WAC 246-310 does not contain specific WAC 246-310-230(1) criteria as identified in WAC 246-310-200(2)(a)(i). There are also no known recognized standards as identified in WAC 246-310-200(2)(a)(ii) and (b) that directs what specific staffing patterns or numbers of FTEs that should be employed for projects of this type or size. Therefore, using its experience and expertise the department concludes that the planning would allow for the required coverage.

### **Olympic Medicare Center**

Olympic Medical Center provided a table with information showing its projected FTEs for years 2020 through 2022. Focusing on the identified staff in the table, Olympic Medical Center provided the following clarifications:

- The roles of the bereavement and volunteer coordinators are included in the Medical Social Worker role.
- The community outreach position is held by a hospital employee and is included as an indirect expense for the financial statement. [Source: March 18, 2019, screening response, Appendix S-2]

Department's Table 7
Olympic Medical Hospice FTE's Projection Year 2020- 2022

Category	Year 1 2020	Year 2 2021	Year 3 2022
Medical Director	0.20	0.20	0.30
Bereavement		-	1.5
Volunteer Coordinator	-	-	-
Physical Therapy	0.006	0.011	0.017
Occupational Therapy	0.003	0.05	0.07
Speech/Language	0.001	0.03	0.04
Hospice Manager	1.00	1.00	1.00
Registered Nurses	1.78	3.45	5.00
Medical Social Worker	1.01	1.49	2.03
Home Health Aide	1.78	3.45	5.00
Total	5.77	9.61	13.35

Administrative	Year 1 2020	Year 2 2021	Year 3 2022
Administrator	0.20	0.20	0.20
Reception/Intake/Referral	0.50	0.50	0.50
Billing Representative	0.50	0.50	0.50
Community Outreach	-	=	-
QAPI Coordinator	0.50	0.50	0.50
Total Administrative	1.70	1.70	1.70

TOTAL FTE'S	7.47	11.31	15.05
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Regarding retention and recruitment of staff, Olympic Medical Center provided the following statements. [Source: Application, page 31]

To support its ongoing recruitment of required staff, OMC provides a strong compensation and benefits package. And, to augment recruitment for hospice staff, OMC plans to offer specialized training and credentialing in hospice care through programs such as UW's Cambia Center and the online hospice training capabilities of NHPCO and others such as California State University".

Olympic Medical Center also provided its projected staff to visit ratio which is shown in Table 8 below. [Source: Application, page 30]

Department's Table 8
Olympic Medical Center Hospice Projected Staffing Ratios

Type of Staff	Staff/Patient Ratio
Skilled Nursing (RN & LPN)	1:10
Physical Therapist	As needed
Occupational Therapist	As needed
Medical Social Worker	1:35
Speech Therapist	As needed
Home Health/Hospice Aides	1:10 per patient
Spiritual Counselor	Contracted per visit

Within the application, Olympic Medical Center provided a draft job description for its prospective medical director for the hospice agency. The draft medical director job description describes the roles and responsibilities for the prospective medical director and identifies all costs associated with the services. [Source: Application, page 4 and Appendix C]

Olympic Medical Center provided the following statements related to its staff to visit ratio shown in the table above.

"These ratios correspond to national averages as published by the National Hospice and Palliative Care Organization". [Source: Application, page 31]

<sup>&</sup>quot;Based on OMC's successful staffing of its existing home health agency, OMC expects no problems with availability of qualified health manpower and management personnel.

Olympic Medical Center also provided the Quality Assessment /Performance Improvement to be used at the hospice agency. [Source: March 18, 2019, page 16, and Appendix S-1; Appendix S-3] The policies included are:

- Honoring Choices Materials
- QAPI examples
- Honoring Choices Materials

**Public Comment** 

None

Rebuttal Comment

None

### **Department Evaluation**

Olympic Medical Center is the only acute care hospital located in Clallam County and it has been providing healthcare services for many years. As an existing provider, Olympic Medical Center has an understanding of the appropriate staffing necessary to establish an agency in Clallam County. As shown in the Table 5 above, 7.47 FTEs are needed in year one, which increases to 15.05 FTEs by the end of year three. Olympic Medical Center also identified Olympic Medical Hospice year three projected staffing ratios. The ratios are reasonable and consistent with data provided in past hospice applications reviewed by the program.

Olympic Medical Center provided a draft job description for its prospective medical director. The draft job description identifies all roles and responsibilities and all costs associated with medical director services. Olympic Medical Center intends to use the strategies it has successfully used in the past for recruitment and retention of staff to the hospital. The strategies identified by Olympic Medical Center are consistent with those of other applicants reviewed and approved by the department.

The hospice agency's job description for the Medical Director provided within the application is a draft document. To ensure that the proposed hospice agency will have a medical director, if this project is approved, the department would attach a condition requiring Olympic Medical Center to provide an executed medical director job description consistent with the draft provided in the application.

With the condition identified above and Olympic Medical Center agreement to the condition, the department concludes Olympic Medical Center has the ability and expertise to recruit and retain a sufficient supply of qualified staff for this project. **This sub-criterion is met.** 

(2) <u>The proposed service(s) will have an appropriate relationship, including organizational relationship, to ancillary and support services, and ancillary and support services will be sufficient to support any health services included in the proposed project.</u>

WAC 246-310 does not contain specific WAC 246-310-230(2) criteria as identified in WAC 246-310-200(2)(a)(i). There are known recognized standards as identified in WAC 246-310-200(2)(a)(ii) and (b) that a facility must meet when it is to be Medicare certified and Medicaid eligible. Therefore, using its experience and expertise the department assessed the applicant's ability to establish and maintain appropriate relationships.

### Olympic Medicare Center

Olympic Medical Center provided the following statement related to the proposed hospice agency ancillary and support services. [Source: Application, page 33]

### Vendor relationships

As a part of the larger medical center, OMH will have access to all current and future vendor relationships and contracts in place for the hospital's inpatient and outpatient services.

### Provision of inpatient hospice care

"General Inpatient Care: As an acute care hospital, OMC is able to provide OMH patients with General Inpatient Care under the Medicare Hospice Benefit when that level of care is needed.

Respite Care: Respite Care under the Medicare Hospice Benefit will be provided in either OMC beds available for such care or under contract with Clallam County nursing homes. Initiation of such arrangements with area nursing homes will take place upon receipt of a hospice Certificate of Need".

### Public Comment

None

### Rebuttal Comment

None

### **Department Evaluation**

Olympic Medical Center is currently a Medicare and Medicaid home health provider in Washington State. This project proposes to establish a new service in Clallam County, but not a new agency. The proposed hospice agency would be co-located with the existing home health agency located in Port Angeles. Information provided in the application demonstrates that the proposed hospice agency would have access to all ancillary and support services used by both the home health agency and Olympic Medical Center.

Based on the information reviewed in the application, the department concludes that Olympic Medical Center has the experience and expertise to establish appropriate ancillary and support relationships for a new hospice agency. Based on the information, the department concludes **this sub criterion is met.** 

(3) There is reasonable assurance that the project will be in conformance with applicable state licensing requirements and, if the applicant is or plans to be certified under the Medicaid or Medicare program, with the applicable conditions of participation related to those programs.

WAC 246-310 does not contain specific WAC 246-310-230(3) criteria as identified in WAC 246-310-200(2)(a)(i). There are known recognized standards as identified in WAC 246-310-200(2)(a)(ii) and (b) that a facility must meet when it is to be Medicare certified and Medicaid eligible. Therefore, using its experience and expertise the department assessed the applicant's history in meeting these standards at other facilities owned or operated by the applicant.

As part of this review, the department must also conclude that the proposed services provided by an applicant would be provided in a manner that ensures safe and adequate care to the public. To accomplish this task, the department reviews the quality of care compliance history for all Washington State and out-of-state healthcare facilities owned, operated, or managed by an applicant, its parent company, or its subsidiaries.

<sup>&</sup>lt;sup>6</sup> WAC 246-310-230(5).

### **Olympic Medicare Center**

In response to this sub-criterion, Olympic Medical Center provided the following statements.

"The administrative and management staff of Olympic Medical Center possesses the clinical and management knowledge to successfully establish a hospice in Clallam County. Its current leadership will develop a team responsible for supporting implementation of the new hospice in accordance with rules and law for the establishment and operations of hospices in Washington".

"Please see Appendix L for copies of Olympic Medical Center's licensing and accreditation documents". [Source: Application, page 34-35]

Below is a summary of the attachment referenced above.

- Washington State Department of Health Olympic Medical Center Hospital Acute Care License
- Olympic Medical Center Certificate of Accreditation

### **Public Comment**

None

### Rebuttal Comment

None

### **Department Evaluation**

As stated in the applicant description section of this evaluation, Olympic Medical Center is a 126-bed acute care hospital located at 939 Caroline Street, in Port Angeles. The Department of Health licenses acute care hospitals, home health, and hospice agencies.

The Department of Health's Office of Health Systems Oversight (OHSO) conducted surveys for the facilities owned or operated by Olympic Medical Center. Using its own internal database, the department reviewed the historical survey data for the healthcare facilities associated with Olympic Medical Center. The survey data is summarized by in the table below. [Source: DOH Office of Health System Oversight]

Department's Table 9 Olympic Medical Center Facilities

Site Address/County	License #	Type of Survey	Year of State Survey
Olympic Medical Center	HAC.FS.00000038	Joint Commission	08/01/2011
939 Caroline Street		Det Norske Veitas	03/20/2014
Port Angeles, WA 98362-3909		Ongoing Routine	08/06/2015
		Det Norske Veitas	02/02/2017
		Ongoing Routine	08/09/2018
Olympic Medical Home Health	IHS.FS.00000393	Ongoing Deemed	01/25/2013
939 Caroline Street		Ongoing Deemed	01/21/2016
Port Angeles, WA 98362-3909		Ongoing Routine	01/15/2019

As shown above, the two facilities owned by Olympic Medical Center have had recent surveys. Information provided by the Department of Health internal database show that the two facilities are

<sup>&</sup>quot;There is no such history".

substantially compliant. For survey deficiencies identified, Olympic Medical Center provided plan of corrections that were accepted. OHSO has not taken action against any of two facilities licenses. [Source: ILRS]

### CMS Survey Data

Using the Center for Medicare and Medicaid Services Quality, Certification & Oversight Reports (QCOR) website, the department reviewed the historical survey information for Olympic Medical Center. Olympic Medical Center QCOR review shows that it has not been surveyed within the last three years—2016 through 2018. The most recent survey for Olympic Medical Center was year 2011. This survey showed one standard-level deficiency<sup>7</sup> that was corrected; a follow up survey was completed in July 2011.

Within the past three years (2016 through 2018), Olympic Medical Home Health was surveyed twice by CMS and the surveys show four standard-level deficiencies that were corrected. These four deficiencies did not necessitate a follow-up visit. [Source: QCOR Survey Activity Report for OMC]

In the application, Olympic Medical Center did not provide the names of the key staff necessary for the hospice agency; nor did it identify the timeline it would use to recruit the key staff. Within the application Olympic Medical Center states, "A medical director for the proposed hospice will be identified upon receipt of a hospice Certificate of Need. The medical director job description and qualifications are provided at Appendix C.

Final selection and hiring of the medical director for the Clallam County Medicare-certified hospice will be undertaken upon receipt of a Certificate of Need. The Medical Director will be a hospital employee. Please see Appendix C for a copy of the proposed medical director job description and position requirements". [Source: Application page 4]

To ensure the hospice agency has appropriate staffing, if this project is approved, the department would attached a condition requiring that prior to providing services, Clallam County Public Hospital District No. 2 dba Olympic Medical Center submit a listing of its key staff to the department. The listing of key staff shall include the names and professional license numbers.

With Clallam County Public Hospital District No. 2 dba Olympic Medical Center agreement to the condition identified above, and given the compliance history of the facilities own or operated by the applicant, the department concludes there is reasonable assurance the proposed hospice agency would be operated in conformance with applicable state and federal licensing and certification requirements. Based on the information reviewed, the department concludes **this sub criterion is met**.

(4) The proposed project will promote continuity in the provision of health care, not result in an unwarranted fragmentation of services, and have an appropriate relationship to the service area's existing health care system.

WAC 246-310 does not contain specific WAC 246-310-230(4) criteria as identified in WAC 246-310-200(2)(a)(i). There are also no known recognized standards as identified in WAC 246-310-200(2)(a)(ii) and (b) that directs how to measure unwarranted fragmentation of services or what types of relationships

<sup>&</sup>lt;sup>7</sup> There are two different types of citations that CMS can issue. The more serious, known as "condition-level" mean that a healthcare is not in substantial compliance with Medicare's Conditions of Participation. A "standard-level" deficiency means that the healthcare facility may be out of compliance with one aspect of the regulations, but is considered less severe than condition-level.

with a services area's existing health care system should be for a project of this type and size. Therefore, using its experience and expertise the department assessed the materials in the application.

### **Olympic Medicare Center**

Olympic Medical Center provided the following statements related to this sub criterion. [Source: Application, page 33]

### "The Medicare Hospice Benefit

Promoting continuity and avoiding unwarranted fragmentation are both at the heart of the Medicare certified hospice benefit. The interdisciplinary hospice team functions to provide continuity through shared development of each patient's plan of care and managing that care every day. Financially, the per diem payment to the hospice for all services puts the control of the full range of care in the hands of the interdisciplinary team.

### Community and Provider Education

To enhance continuity of care, OMH will provide community education about the need for early admission to hospice. The OMH relationship to OMC Home Health provides an opportunity to assure that terminally ill home health patients are aware of their hospice options. And, Olympic Medical Physicians will also be supported in identifying their terminally ill patients and providing information about hospice where appropriate.

### Death with Dignity

Olympic Medial Center is committed to Clallam County residents' having desired control over their own health care choices. The 61% majority vote by Clallam County residents for the "death with dignity" statewide ballot measure in 2008 indicated this is an important value to the community OMC serves. OMH intends to include in its network providers who will actively support patients pursuing their "death with dignity" options as available under Washington law. As part of this effort, OMH will reach out to End of Life Washington for their advice and support in policy development, staff training and in locating needed resources".

### **Public Comment**

None

### Rebuttal Comment

None

### **Department Evaluation**

Given that Olympic Medical Center currently operates a Medicare and Medicaid home health agency in the county, documentation in the application demonstrates that the basic infrastructure is already place for the hospice agency. For example, the site and much of the office equipment is already on site. Further, Olympic Medical Center demonstrated a reasonable patient base for the new hospice agency.

The key services identified in the application are hospice inpatient, respite, and home care services. With the approval of Olympic Medical Center's proposed project, residents in Clallam County would have access to hospice services. Therefore, the department concludes that approval of this project will promote continuity in the provision of healthcare and not result in an unwarranted fragmentation of Medicare and Medicaid certified hospice services in the county. **This sub-criterion is met**.

(5) There is reasonable assurance that the services to be provided through the proposed project will be provided in a manner that ensures safe and adequate care to the public to be served and in accord with applicable federal and state laws, rules, and regulations.

### Olympic Medicare Center

For this sub-criterion, Olympic Medical Center provided the same information as provided under WAC 246-310-230(3) above. Olympic Medical Center stated it has no criminal history and assures it will provide hospice services consistent with state and federal requirements.

### **Public Comment**

None

### Rebuttal Comment

None

### **Department Evaluation**

This sub-criterion is addressed in sub-section (3) above and is met for Olympic Medical Center.

### D. Cost Containment (WAC 246-310-240)

Based on the source information reviewed and agreement to the conditions identified in the conclusion section of this evaluation, the department determines that the Clallam County Public Hospital District No. 2 dba Olympic Medical Center project **met** the applicable cost containment criteria in WAC 246-310-240.

(1) <u>Superior alternatives, in terms of cost, efficiency, or effectiveness, are not available or practicable</u>. To determine if a proposed project is the best alternative, in terms of cost, efficiency, or effectiveness, the department takes a multi-step approach. First, the department determines if the application has met the other criteria of WAC 246-310-210 thru 230. If the project has failed to meet one or more of these criteria then the project cannot be considered to be the best alternative in terms of cost, efficiency, or effectiveness as a result the application would fail this sub-criterion.

If the project has met the applicable criteria in WAC 246-310-210 through 230 criteria, the department then assesses the other options considered by the applicant. If the department determines the proposed project is better or equal to other options considered by the applicant and the department has not identified any other better options this criterion is determined to be met unless there are multiple applications.

WAC 246-310-290(10) provides the following direction for review this sub-criterion of applications for hospice agencies. It states:

"In addition to demonstrating numeric need under subsection (7) of this section, applicants must meet the following certificate of need requirements:

- (a) Determination of need under WAC 246-310-210;
- (b) Determination of financial feasibility under WAC 246-310-220;
- (c) Criteria for structure and process of care under WAC 246-310-230; and
- (d) Determination of cost containment under WAC <u>246-310-240</u>."

If there are multiple applications, the department's assessment is to apply any service or facility superiority criteria is in WAC 246-310-290(11) provides the superiority criteria used to compare competing projects and make the determination between two or more approvable projects, which is the best alternative. This project is not competing; therefore, the superiority criteria does not apply.

### Olympic Medicare Center

### Step One

For this project, Olympic Medical Center met the applicable review criteria under WAC 246-310-210, 220, and 230. Therefore, the department moves to step two below.

### Step Two

Before submitting this application, Olympic Medical Center considered the following options. The options and Olympic Medical Center's rationale for rejecting them is below. [Source: Application, page 35-37]

"Olympic Medical Center considered the following alternatives when deciding to pursue the hospice project in 2018:

- Acquisition vs. start up
- Postponing action
- No action

The decision making criteria were:

- Acquisition availability
- Financial feasibility
- Conformance with OMC's strategic plan and 2018 objectives

The advantages and disadvantages identified in deciding to pursue a Certificate of Need include:

### • Conformance with OMC strategies:

Submitting a Certificate of Need application in 2018 to establish a Medicare hospice directly corresponds to OMC's 2018-2020 Strategic Plan and its specific 2018 objective to expand Medicare hospice availability in Clallam County.

### • Financial feasibility:

As a result of the large size of Clallam County's underserved population and the size of projected demand that stems from that unmet need, OMC's new hospice can confidently project steady growth and positive financial results. Comparing financial feasibility of an acquisition vs. startup would depend on the price OMC paid for the acquisition if one were available.

### • Acquisition available:

There is one Medicare certified hospice in Clallam County and it is not available for sale at this time. It was determined that area residents should not have to wait to have additional and needed access to hospice care.

### • Capital costs:

Olympic Medical Center can readily fund the required start up expense related to establishing a new hospice in Clallam County. The pro forma revenue and expense statement shows that the initial investment will be recouped within a reasonable time.

### • Staffing impact:

Acquisition of an existing hospice could be more cost efficient, depending on the staffing configuration and management organization of the acquired hospice. Yet, expansion of hospice services in Clallam County beyond current levels, via either method, would have an equal impact on staffing.

**Summary:** One alternative—acquisition—was eliminated because it is not feasible. Considering the other two alternatives, act now or wait in light of the criteria above, the advantages and disadvantages taken together make it clear that establishment of a new hospice agency now is the preferred alternative."

In response to the department's request to describe how the project would comply with Medicare conditions of participation, without exceeding the costs caps, Olympic Medical Center provided the following information. [Source: Application, pages 36-37]

"Low hospice lengths of stay in Washington and Clallam County, plus 2017 revisions to CMS payment formulas for hospice care, substantially reduce the potential for exceeding Medicare cost caps."

Olympic Medical Center provided the following description of how the project will promote staff or system efficiency or productivity. [Source: Application, page 37]

### "System Impacts

Health care system efficiency is embedded in the hospice concept. Patient who no long wish to undergo curative treatment have the opportunity to substitute palliative and comfort care for the remaining course of their illnesses. This means the resources expended are more appropriate to the patient and family's goals.

The avoidance of ICU admissions of terminally ill patients who do not wish to die in a hospital is an example of the cost efficiency of this approach.

Comprehensive hospice care is covered by a per diem payment across care settings. Coordination of the multi-disciplinary care by the hospice team also fosters system efficiency by providing the right care at the right time. This reduces expensive duplication and unnecessary re-work, typical of other parts of the health care system.

### Staff Efficiency'

Hospice fosters staff efficiency in the health care system by allocating scarce RN resources to those who need that level of care. Instead of a patient's requiring 1:1 or 1:2 RN staffing for 3 shifts a day in a hospital ICU, the patient is at home with sufficient personal care and nursing resources to provide necessary palliative and comfort care."

### **Public Comment**

None

### Rebuttal Comment

None

### **Department Evaluation**

The numeric methodology demonstrated need for at least one more agency in Clallam County. Olympic Medical Center provided information in the application to demonstrate its project would meet all review criterion to establish Medicare and Medicaid hospice services in the county. As a result, the options rejected by Olympic Medical Center are appropriate. The department did not identify any superior alternatives in terms of cost, efficiency, or effectiveness that is available or practicable for the applicant.

Since there are no construction costs, but modest remodeling costs necessary to establish a hospice agency in Clallam County, the department acknowledges that hospice services can be provided with very little financial impact to the applicant or the community.

Olympic Medical Center also provided comprehensive rationale regarding the staff efficiency and appropriateness of hospice care for patients who request it. Further, the information provided by the applicant related to system impacts and hospice care is accurate and rational.

The department concludes approval of Olympic Medical Center application is the best available alternative for Clallam County. **This sub-criterion is met.** 

- (2) *In the case of a project involving construction:* 
  - (a) The costs, scope, and methods of construction and energy conservation are reasonable;
  - (b) The project will not have an unreasonable impact on the costs and charges to the public of providing health services by other persons.

### Olympic Medical Center

This application does not involve construction, therefore this sub-criterion does not apply.

(3) <u>The project will involve appropriate improvements or innovations in the financing and delivery of health services which foster cost containment and which promote quality assurance and cost effectiveness.</u>

### **Olympic Medical Center**

In response to this sub-criterion, Olympic Medical Center provided the following statements. [Source: Application, pages 37-38]

- "Upon receipt of a hospice Certificate of Need, OMC will undertake a remodeling project in vacant space adjacent its home health agency office currently located near the hospital campus in a one-story office building already owned by the hospital. Chief aspects of the project that limit capital costs:
- a. The OMH office space is not located in expensive inpatient hospital space but in a one story existing office building.
- b. The construction of OMH office space is limited to that required for OMH staff and is adjacent OMC home health offices where OMC home health administrative staff to be shared with OMH is already housed.
- c. The construction consists of remodeling existing vacant space and will be undertaken by OMC internal construction staff rather than under contract to a potentially more expensive outside contractor."

### Public Comment

None

### Rebuttal Comment

None

### **Department Evaluation**

Olympic Medical Center provided sound and reasonable rationale for adding Medicare and Medicaid certified hospice services in Clallam County. If approved, Olympic Medical Center has the potential to improve delivery of necessary in home services to Clallam County. **This sub-criterion is met.** 

## Department of Health

2018-2019 Hospice Numeric Need Methodology

Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018 Health

## WAC246-310-290(8)(a) Step 1:

# Calculate the following two statewide predicted hospice use rates using department of health survey and vital statistics data:

by dividing the average number of unduplicated admissions over the last three years for patients sixty five and over by the average number WAC 246-310-290(8)(a)(i) The percentage of patients age sixty-five and over who will use hospice services. This percentage is calculated of past three years statewide total deaths age sixty-five and over.

dividing the average number of unduplicated admissions over the last three years for patients under sixty-five by the average number of past WAC246-310-290(8)(a)(ii) The percentage of patients under sixty-five who will use hospice services. This percentage is calculated by three years statewide total of deaths under sixty-five.

		, 0
Hospice	Hospice admissions ages 0-64	1-64
Year	Admissions	
2015	4,455	
2016	3,768	
2017	3,757	
	average: 3.9	3.993

Hospice	Hospice admissions ages 65+	+69 səbr
Year	Admissions	
2015	24,527	
2016	24,738	
2017	26,365	
	average:	25,210

Õ	Deaths ages 0-64	64
Year	Deaths	
2015	14,365	
2016	13,557	
2017	14,113	
	average:	14,012

0	Deaths ages 65+	3+
Year	Deaths	
2015	40,149	
2016	41,104	
2017	42,918	
	average:	41,390

Use Rates	28.50%	60.91%
	0-64	<b>62+</b>

Sources: 2018 Survey for CY2017 Hospice Data - facility self-report to department Vital Statistics 2017

Prepared by Beth Harlow - August 2018

Page 2

## **2018-2019 Hospice Numeric Need Methodology**Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018. Department of Health

Westington State Department of MHEalth

WAC246-310-290(8)(b) Step 2: Calculate the average number of total resident deaths over the last three years for each planning area by age cohort.

		0-64		
County	2015	2016	2017	Average Deaths
Adams	35	34	38	36
Asotin	62	20	49	54
Benton	372	352	385	370
Chelan	152	123	124	133
Clallam	203	172	180	185
Clark	881	781	883	848
Columbia	14	12	19	15
Cowlitz	280	290	351	307
Douglas	82	99	71	70
Ferry	23	20	30	24
Franklin	111	115	133	120
Garfield	4	4	9	2
Grant	197	191	203	197
Grays Harbor	238	233	238	236
Island	165	134	166	155
Jefferson	29	69	69	89
King	3,397	3,204	3,256	3,286
Kitsap	537	518	485	513
Kittitas	82	29	91	77
Klickitat	33	50	63	49
Lewis	236	194	210	213
Lincoln	20	26	20	22
Mason	184	164	169	172
Okanogan	128	110	119	119
Pacific	1.4	26	88	73
Pend Oreille	41	35	34	37
Pierce	1,892	1,883	1,936	1,904
San Juan	32	36	18	29
Skagit	279	248	271	266
Skamania	34	39	16	30
Snohomish	1,478	1,440	1,483	1,467
Spokane	1,230	1,168	1,147	1,182
Stevens	127	103	96	109
Thurston	581	485	530	532
Wahkiakum	5	10	3	9
Walla Walla	122	123	123	123
Whatcom	371	365	367	368
Whitman	74	42	57	28
Yakima	525	260	989	257

County         2015         2016         2017         Average Death Average Death Adams           Adams         102         92         78         91           Asotin         212         192         190         198           Bentin         212         192         190         198           Bentin         1,103         1,075         1,081         1,086           Clallam         543         535         556         548         1086           Clark         2,553         2,589         2,579         2,574           Columbia         48         48         116         71           Columbia         54         64         60         59           Ferry         54         64         60         59           Grafield         28         20 <t< th=""><th></th><th></th><th>+69</th><th></th><th></th></t<>			+69		
2015 2016 2017  102 92 78  102 102 100  212 192 190  1,103 1,075 1,081  2,553 2,589 2,579  2,553 2,589 2,579  2,503 2,589 2,579  2,503 2,27 232  2,504 60 60  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,57 242 284  2,50 17 17  2,50 2,70 17  2,50 2,70 17  2,50 2,70 17  2,50 2,70 105  2,50 3,76 10,039  1,610 1,704 1,780  2,58 222 262  2,109 1,007  2,58 2,22 262  2,109 1,007  2,10 3,361 3,356 3,527  2,10 3,361 3,356 3,527  2,10 3,361 1,661 1,768  2,10 3,361 3,356 3,527  2,12 2,36  2,1419 1,458 1,471					2015-2017
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1,103   1,075   190   1,103   1,075   1,081   1,103   1,075   1,081   1,103   1,075   1,081   1,103   1,075   1,081   1,103   1,075   1,081   1,481	Adams	102	92	78	91
1,103 1,075 1,081  543 535 556  754 762 842  2,553 2,589 2,579  864 863 917  230 227 232  54 64 60  257 242 284  28 20 17  28 20 17  488 479 509  1,610 1,704 1,780  223 243 237  223 243 237  1,610 1,704 1,780  1,610 1,704 1,780  1,610 1,704 1,780  1,610 1,704 1,780  223 243 237  223 243 237  223 243 237  223 243 237  223 243 237  223 243 237  348 479 509  9,308 9,766 10,039  78 102 105  78 102 105  78 102 105  78 102 105  78 102 105  78 102 105  78 102 105  78 102 105  8 330 33 350  909 979 1,007  8 53 64 65  sh 3,336 3,857 4,118  8 3,361 3,356 3,527  8 359 39 37  11,661 1,661 1,768  11,651 1,661 1,768  11,651 1,661 1,768  11,651 1,661 1,768  11,651 1,661 1,768  11,651 1,661 1,768  11,651 1,661 1,768  223 212 236  223 212 236	Asotin	212	192	190	198
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1257         242         284           28         20         17           488         479         509           rbor         555         606         622           597         565         630           1,610         1,704         1,780           1,610         1,704         1,780           1,610         1,704         1,780           1,610         1,704         1,780           119         145         151           667         676         721           667         676         721           78         102         105           499         494         550           499         494         550           118         102         105           499         494         550           118         126         115           118         126         115           118         126         115           118         100         376           390         376         376           350         385         376           160         1,661         1,768           11,67 </th <th>Ferry</th> <td>54</td> <td>64</td> <td>09</td> <td>69</td>	Ferry	54	64	09	69
rbor 555 606 622 509 17 565 606 622 630 5313 293 308 9,766 10,039 1,610 1,704 1,780 119 145 151 667 676 721 667 676 721 667 676 721 667 676 721 667 676 721 678 118 126 115 609 979 1,007 979 979 979 979 979 979 979 979 979	Franklin	257	242	284	261
rbor 555 606 622  597 565 630  1 313 293 308  9,308 9,766 10,039  1,610 1,704 1,780  223 243 237  223 243 237  119 145 151  667 676 721  667 676 721  340 303 350  258 222 262  iile 101 120 133  4,550 4,751 5,019  258 222 262  iile 101 120 133  258 383 3,857 4,118  sh 3,833 3,857 4,118  iii 3,361 3,356 3,527  iii 39 39 37  iii 468 485 501  1,262 1,353 1,329  223 212 236  223 212 236	Garfield	28	20	17	22
rbor 555 606 622  597 565 630  1313 293 308  9,308 9,766 10,039  1,610 1,704 1,780  223 243 237  223 243 237  119 145 151  667 676 721  667 676 721  78 102 105  499 494 550  340 303 350  258 222 262  iile 101 120 133  258 222 262  iile 101 120 133  53 64 65  sh 3,331 3,857 4,118  sh 3,331 3,356 3,527  sh 3,361 3,356 3,527  iil 4651 1,661 1,768  iiil 468 485 501  1,262 1,353 1,329  223 212 236  223 212 236	Grant	488	479	209	492
597 565 630     313 293 308     9,308 9,766 10,039     1,610 1,704 1,780     223 243 237     119 145 151     667 676 721     78 102 105     499 494 550     499 494 550     496 494 550     340 303 350     4,550 4,751 5,019     118 126 115     909 979 1,007     118 126 115     909 979 1,007     133 3,361 3,356 3,527     14651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,651 1,661 1,768     1,419 1,458 1,471		222	909	622	594
313 293 308   308   308   308   308   308   308   308   308   1,610   1,704   1,780   1,610   1,704   1,780   119   145   151   1667   667   676   721   258   222   262   118   258   222   262   118   258   222   262   118   258   222   262   2	Island	262	265	630	269
9,308 9,766 10,039 1,610 1,704 1,780 223 243 237 223 243 237 223 243 237 223 243 237 224 23 243 267 676 721 28 102 105 28 494 550 28 222 262 282 222 262 288 222 262 289 979 1,007 28 53 64 65 290 979 1,007 28 3,361 3,356 3,527 28 3,361 3,356 3,527 28 348 38 37 28 485 501 28 485 501 28 223 212 236 28 32 212 236 28 32 212 236 28 32 212 236	Jefferson	313	293	308	305
1,610 1,704 1,780  223 243 237  119 145 151  667 676 721  78 102 105  499 494 550  340 303 350  258 222 262  262 222 262  iile 101 120 133  4,550 4,751 5,019  4,550 4,751 5,019  118 126 115  909 979 1,007  8 53 64 65  8h 3,387 3,857 4,118  1,651 1,661 1,768  Im 39 39 37  Ila 468 485 501  1,262 1,353 1,329  223 212 236  223 212 236	King	808'6	992'6	10,039	9,704
223 243 237 119 145 151 667 676 721  n 340 303 350 258 222 262 311e 101 120 133 258 222 262 311e 101 120 133 350 4,751 5,019 3 4,550 4,751 5,019 3 53 64 65 3 3,361 3,356 3,527 3 3,361 3,356 3,527 3 369 39 39 37 3 369 39 39 37 3 369 39 39 37 3 369 39 39 37 3 369 39 39 37 3 369 39 39 37 3 37 3 389 39 39 39 37 3 389 39 39 37 3 389 39 39 37 3 389 39 39 37 3 389 39 39 37	Kitsap	1,610	1,704	1,780	1,698
119   145   151     667   676   721     78   102   105     499   494   550     340   303   350     258   222   262     116   101   120   133     4,550   4,751   5,019     118   126   115     909   979   1,007     148   53   64   65     53   64   65   3,527     3,361   3,356   3,527     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,468   236     1,262   1,353   1,329     223   212   236     1,419   1,458   1,471	Kittitas	223	243	237	234
667   676   721     78   102   105     499   494   550     340   303   350     258   222   262     11e   101   120   133     4,550   4,751   5,019     118   126   115     909   979   1,007     53   64   65     53   64   65     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,262   1,353   1,329     223   212   236     1,419   1,458   1,471	Klickitat	119	145	151	138
78   102   105     499   494   550     340   303   350     258   222   262     258   222   262     4,550   4,751   5,019     118   126   115     909   979   1,007     53   64   65     53   64   65     53   3,361   3,356   3,527     14,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,468   236     1,262   1,353   1,329     223   212   236     1,419   1,458   1,471	Lewis	299	929	721	688
499   494   550     340   303   350     258   222   262     228   222   262     4,550   4,751   5,019     118   126   115     909   979   1,007     53   64   65     53   64   65     3,833   3,857   4,118     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,353   1,329     1,262   1,353   1,329     223   212   236     1,419   1,458   1,471	Lincoln	78	102	105	95
116   340   303   350     258   222   262     126   133     4,550   4,751   5,019     118   126   115     909   979   1,007     53   64   65     53   64   65     3,361   3,356   3,527     3,361   3,356   3,527     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,469   485   501     1,262   1,353   1,329     223   212   236     1,419   1,458   1,471	Mason	499	494	550	514
116   101   120   133   14,550   4,751   5,019   118   126   115   118   126   115   118   126   14,007   13,833   3,857   4,118   13,361   3,361   3,361   3,361   3,561   1,661   1,768   11,651   1,661   1,768   1,262   1,353   1,329   1,212   2,236   1,419   1,458   1,471   1,419   1,458   1,471	Okanogan	340	303	350	331
ille 101 120 133 4,550 4,751 5,019 118 126 115 909 979 1,007 sh 53 64 65 sh 3,833 3,857 4,118 3,361 3,356 3,527 359 336 3,527 1,651 1,661 1,768 Im 39 39 37 Ila 468 485 501 1,262 1,353 1,329 223 212 236 1,419 1,458 1,471	Pacific	258	222	262	247
4,550     4,751     5,019       118     126     115       909     979     1,007       sh     53     64     65       sh     3,857     4,118       3,361     3,356     3,527       359     336     376       In     468     485     501       1,262     1,353     1,329       223     212     236       1,419     1,458     1,471	Pend Oreille	101	120	133	118
118   126   115     909   979   1,007     53   64   65     sh   3,833   3,857   4,118     3,361   3,356   3,527     359   336   376     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,661   1,768     1,651   1,353   1,329     1,262   1,353   1,329     223   212   236     1,419   1,458   1,471	Pierce	4,550	4,751	5,019	4,773
sh 3,833 3,857 4,118 sh 3,833 3,857 4,118 3,361 3,356 3,527 359 336 3,527 in 39 39 37 ila 468 485 501 1,262 1,353 1,329 223 212 236 1,419 1,458 1,471	San Juan	118	126	115	120
sh 3,833 3,857 4,118 3,361 3,356 3,527 359 336 3,527 1,651 1,661 1,768 1,651 1,661 1,768 11a 468 485 501 1,262 1,353 1,329 223 212 236 1,419 1,458 1,471	Skagit	606	979	1,007	965
sh     3,833     3,857     4,118       3,361     3,356     3,527       359     336     376       Ine     468     485     501       1,262     1,353     1,329       223     212     236       1,419     1,458     1,471	Skamania	53	64	65	61
3,361     3,356     3,527       359     336     376       Inest 1,661     1,768       Ina     468     485     501       1,262     1,353     1,329       223     212     236       1,419     1,458     1,471	Snohomish	3,833	3,857	4,118	3,936
359   336   376	Spokane	3,361	3,356	3,527	3,415
Inext     1,651     1,768       IIa     468     485     501       1,262     1,353     1,329       223     212     236       1,419     1,458     1,471	Stevens	359	336	376	357
IIa         468         485         501           1,262         1,353         1,329           223         212         236           1,419         1,458         1,471	Thurston	1,651	1,661	1,768	1,693
Ila         468         485         501           1,262         1,353         1,329           223         212         236           1,419         1,458         1,471	Wahkiakum	39	39	37	38
1,262     1,353     1,329       223     212     236       1,419     1,458     1,471	Walla Walla	468	485	501	485
223 212 236 1,419 1,458 1,471	Whatcom	1,262	1,353	1,329	1,315
1,419   1,458   1,471	Whitman	223	212	236	224
	Yakima	1,419	1,458	1,471	1,449

## Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018.

Washington State Department of Health

D-290(8)(c) Step 3.

WAC246-310-290(8)(c) Step 3. Multiply each hospice use rate determined in Step 1 by the planning areas' average total resident deaths determined in Step 2, separated by age cohort.

	0-64	
	2015-2017	Projected Patients -
County	Average Deaths	28.50% of Deaths
Adams	36	10
Asotin	54	15
Benton	370	105
Chelan	133	38
Clallam	185	53
Clark	848	242
Columbia	15	4
Cowlitz	307	87
Douglas	70	20
Ferry	24	7
Franklin	120	34
Garfield	5	-
Grant	197	56
Grays Harbor	236	29
Island	155	44
Jefferson	89	19
King	3,286	936
Kitsap	513	146
Kittitas	22	22
Klickitat	49	14
Lewis	213	61
Lincoln	22	9
Mason	172	49
Okanogan	119	34
Pacific	73	21
Pend Oreille	37	10
Pierce	1,904	543
San Juan	29	8
Skagit	266	9/
Skamania	30	8
Snohomish	1,467	418
Spokane	1,182	337
Stevens	109	31
Thurston	532	152
Wahkiakum	9	2
Walla Walla	123	35
Whatcom	368	105
Whitman	58	16
Yakima	222	159

	+59	
	2015-2017	Projected Patients -
County	Average Deaths	60.91% of Deaths
Adams	91	55
Asotin	198	121
Benton	1,086	662
Chelan	545	332
Clallam	786	479
Clark	2,574	1,568
Columbia	71	43
Cowlitz	881	289
Douglas	230	140
Ferry	59	36
Franklin	261	159
Garfield	22	13
Grant	492	300
Grays Harbor	594	362
Island	597	364
Jefferson	305	186
King	9,704	5,911
Kitsap	1,698	1,034
Kittitas	234	143
Klickitat	138	84
Lewis	688	419
Lincoln	95	58
Mason	514	313
Okanogan	331	202
Pacific	247	151
Pend Oreille	118	72
Pierce	4,773	2,907
San Juan	120	73
Skagit	965	588
Skamania	61	37
Snohomish	3,936	2,397
Spokane	3,415	2,080
Stevens	357	217
Thurston	1,693	1,031
Wahkiakum	38	23
Walla Walla	485	295
Whatcom	1,315	801
Whitman	224	136
Yakima	1,449	883

Prepared by Beth Harlow - August 2018

## Department of Health

**2018-2019 Hospice Numeric Need Methodology**Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018.

Washington State Department of Health

WAC246-310-290(8)(d) Step 4:

Using the projected patients calculated in Step 3, calculate a use rate by dividing projected patients by the three-year historical average population by county. Use this rate to determine the potential volume of hospice use by the projected population by age cohort using Office of Financial Management (OFM) data.

			*	0	0-64					
	Projected	2015-2017	2018	2019	2020	2021	2018	2019	2020	2021
County	Patients	Average	projected	projected	projected	projected	potential	potential		potential
Adams	10	18,446	18,911	19,143	19.376	19.593	10	11	Volume 11	volume 11
Asotin	15	16,815	16,568	16,444	16,320	16,207	15	15	15	15
Benton	105	161,501	164,332	165,748	167,164	168,613	107	108	109	110
Chelan	38	62,517	62,797	62,937	63,077	63,140	38		38	38
Clallam	53	53,075	52,690	52,498	52,305	52,006	52	52		52
Clark	242	389,473	395,662	398,757	401,851	404,783	246	248	249	251
Columbia	4	2,919	2,854	2,821	2,788	2,761	4	4	4	4
Cowlitz	87	86,538	86,536	86,535	86,534	86,408	87	87	87	87
Douglas	20	34,399	35,028	35,342	35,657	35,962	20	20	21	21
Ferry	7	5,803	5,663	5,593	5,523	5,484	7	7	7	7
Franklin	34	82,879	87,280	89,481	91,682	94,076	36	37	38	39
Garfield	1	1,685	1,646	1,626	1,606	1,593	_	-	-	1
Grant	56	84,556	86,837	87,977	89,117		58	58	59	09
<b>Grays Harbor</b>	29	59,608	59,033	58,746	58,459	58,190	29		99	99
Island	44	63,286	63,087	62,988	62,888	62,809	44	44	44	44
Jefferson	19	20,979	20,856	20,795	20,733	20,692			19	19
King	936	1,768,901	1,785,338	1,793,556	1,801,775	1,807,650	945	949	954	957
Kitsap	146	220,011	220,870	221,299	221,728	222,273	147	147	147	148
Kittitas	22	36,825	37,360	37,628	37,895	38,140	22	23	23	23
Klickitat	14	15,858	15,531	15,368	15,204	15,103	14		13	13
Lewis	61	63,222	63,540	63,699	63,858	63,908	61	61	61	61
Lincoln	9	8,074	7,979	7,932	7,885	7,827	9	9	9	9
Mason	49	50,468	51,025	51,303		51,817	20			90
Okanogan	34	33,301	32,964	32,795	32,627	32,500	34	33		33
Pacific	21	14,889	14,600	14,456	14,311	14,233	20			20
Pend Oreille	10	10,046	9,897	9,822	9,748	9,687	10		10	10
Pierce	543	732,454	740,936	745,177	749,418	752,779	549	552	222	558
San Juan	8	11,086	10,829	10,700	10,572	10,515	8	8	8	8
Skagit	92	99,374	99,971	100,269	100,567	101,114	9/	92	77	77
Skamania	8	9,221	9,078	9,007	8,936	8,915	8	8	8	8
Snohomish	418	665,893	677,368	683,105	688,843	960'869	425	429	433	435
Spokane	337	419,626	423,117	424,862	426,608	427,995	340	341	342	343
Stevens	31	34,664	34,245	34,036	33,826	33,710	31	30	30	30
Thurston	152	228,686	233,490	235,892	2;	240,336	155	156	158	159
Wahkiakum	2	2,577	2,474	2,422	2,370	2,350	2	2	2	2
Walla Walla	35	50,630	50,829	50,928	51,028	51,101	35	35	35	35
Whatcom	105	179,083	182,002	183,461	184,920	186,581	106	107	108	109
Whitman	16	41,619	41,962	42,134	42,305	42,423	17	17	17	17
Yakima	159	225,689	228,696	230,200	231,703	233,083	161	162	163	164

OFM, בלום County Age and Sex Projections, five-year intervals and age groups"

## Department of Health

## 2018-2019 Hospice Numeric Need Methodology

Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018.

Washington State Department of Health

WAC246-310-290(8)(d) Step 4:

Using the projected patients calculated in Step 3, calculate a use rate by dividing projected patients by the three-year historical average population by county. Use this rate to determine the potential volume of hospice use by the projected population by age cohort using Office of Financial Management (OFM) data.

Projected Patients         Average Acrea         projected propulation population populatio						<b>65</b> +					
Common Population         Patients         Average         projected		Projected	2015-2017	2018	2019	2020	2021	2018	2019	2020	2021
55         2,088         2,178         2,220         2,264         2,312         662 <t< th=""><th>County</th><th>Patients</th><th>Average</th><th>projected</th><th>projected</th><th>projected</th><th>projected</th><th>potential</th><th>potential</th><th>100100000</th><th></th></t<>	County	Patients	Average	projected	projected	projected	projected	potential	potential	100100000	
121   5.046   5.379   5.546   5.713   5.659   129   133   137   137   138   137   138   137   138   137   138   137   138   137   138	Adams	55		2,176	2.220	200	2.312	58	59	inio A	9
662         26,304         29,479         30,642         31,792         721         751         781           1         668         13,344         14,427         14,988         15,98         15,98         17,92         781         781           1         478         14,142         20,227         20,784         60,384         60,484	Asotin	121	5,046	5,379				129	133	-	
1586   19,142   14,427   14,966   15,519   16,116   356   372   386   19,142   19,142   14,927   14,919   12,141   1,717   1,719   1	Benton	662		28,304	29,473	(,)		721	751		
478         49,844         20,227         20,769         21,331         21,881         506         519         56,33           bia         43,844         63,844         63,949         72,991         76,033         79,149         1,717         1,792         1,886         1,486	Chelan	332		14,427	14,968	15,509		359	372		
1568   63,864   69,949   72,991   76,033   79,149   1,717   1,792   1,866   1,818   1,1121   1,1121   1,132   1,1361   1,22,804   1,243   1,413   1,4133   1,244   1,4134   1,4133   1,4134	Clallam	479		20,227	20,769	21,311	21,891	506	519		
13         1,12         1,173         1,199         1,226         1,204         4,6         47           1         1,284         2,0669         2,1364         2,1675         5,604         5,75         5,604         6,75         6,64           1         1,30         6,808         7,366         2,1673         2,204         5,204         5,75         5,69         6,14         4         4         4           1         1,30         1,317         8,817         8,811         9,244         9,694         1,77         1,86         1,96           1         1,30         1,247         1,869         1,456         1,496         1,66         4,7         4,6         4,6         4,7           1         1,30         1,247         1,868         1,456         1,496         1,496         1,496         1,496         1,496         1,496         1,496         1,440         1,496 <td>Clark</td> <td>1568</td> <td></td> <td>69,949</td> <td></td> <td>26,033</td> <td>79,149</td> <td>1,717</td> <td>1,792</td> <td></td> <td></td>	Clark	1568		69,949		26,033	79,149	1,717	1,792		
\$1         \$1<	Columbia	43		1,173							48
s         140         6,808         7,385         7,673         7,982         8,266         152         158         164           n         158         7,610         8,278         7,982         8,266         152         168         168           d         13         7,610         8,378         2,008         2,183         2,231         47         48         168           d         13         6,49         1,69         14,450         14,450         14,460         15,442         303         335         347         408           about         12,917         13,539         14,450         16,847         20,383         388         400         412           about         364         17,530         18,689         19,286         19,847         20,383         388         400         412           about         364         17,530         18,689         19,286         19,847         20,383         388         400         412           about         41         44,77         11,284         11,657         200         20,4         11,67         10         41         41           about         41         44,144         44,144	Cowlitz	537	19,284	20,669	21,361	22,054		575			
183   1,833   2,008   2,084   1,77   188   196   186	Douglas	140					8,266		158		
n         159         7,510         8,377         8,811         9,244         9,694         177         186         196           darbor         360         12,917         18,82         589         614         625         14         14         15           darbor         362         14,134         15,041         15,496         15,949         16,442         385         397         408           n         364         17,530         18,689         19,266         15,949         16,442         386         397         408           n         186         9,739         10,542         10,913         11,284         11,624         386         400         412           n         186         9,739         10,542         10,913         11,284         11,624         386         397         408           1034         4,372         4,927         51,544         51,844         50,171         1,139         1,192         1,192         1,476         1,192         1,192         1,476         1,194         1,192         1,476         1,194         1,192         1,476         1,194         1,192         1,476         1,476         1,196         1,196         1,19	-erry	36			2,096	2,183			41		
diable         549         582         589         614         625         14         15         42         15         42         15         43         14         460         14,543         323         335         347         14         460         14,543         323         335         347         14         460         14,543         388         307         408         46         46         408 <td>-ranklin</td> <td>159</td> <td></td> <td>8,377</td> <td>8,811</td> <td></td> <td></td> <td>177</td> <td>186</td> <td>_</td> <td></td>	-ranklin	159		8,377	8,811			177	186	_	
4arbor         300         12,917         13,939         14,456         14,961         15,643         323         335         347           arbor         362         14,1434         15,041         15,495         16,944         2,385         397         408           on         186         16,041         19,286         19,284         16,442         385         397         408           on         186         16,042         16,642         10,542         10,542         10,542         200         207         214           1034         4,472         4,91271         51,644         51,644         6,614         6,611         6,611         6,611         6,611         6,611         10,61	Sarfield	13		582					14		
larbor         362         14,134         15,041         15,496         16,442         385         397         408           larbor         364         17,330         18,689         19,268         19,847         20,393         388         400         412           on         186         97,99         10,548         10,268         19,268         11,284         11,657         200         207         214           on         3911         283,088         285,063         29,666         10,913         11,192         400         207         214           in         413         42,724         49,271         51,544         53,818         56,017         1,139         1,192         1,245           in         84         4,815         5,299         6,830         7,095         7,364         465         16         67         67           pan         58         2,560         2,691         6,133         16,133         16,234         41,652         1,245         465         465           pan         202         2,601         2,750         2,822         2,894         41,662         73         468           pan         1,100         2,202 <td>Srant</td> <td></td> <td></td> <td>13,939</td> <td></td> <td>14,961</td> <td>15,543</td> <td>323</td> <td>335</td> <td></td> <td>361</td>	Srant			13,939		14,961	15,543	323	335		361
364         17,530         18,689         19,268         19,268         19,847         20,393         388         400         412           9n         186         9,799         10,542         10,913         11,284         20,309         207         274           1034         44,724         49,271         51,548         60,053         7,056         7,654         155         167         143           143         6,299         6,830         7,095         7,360         7,654         155         167         167           14         6,299         6,830         7,095         7,360         7,654         155         167         167           14         84         4,815         5,277         5,508         7,360         7,654         165         167         167           15         84         4,815         5,277         5,508         7,366         32         96         100         412           16         85         2,277         2,822         2,894         441         452         463           16         1,27         1,274         1,274         1,32,86         3,24         368           16         1,27	<b>3rays Harbor</b>			15,041	15,495	15,949	16,442		397	408	
on         186         9,799         10,542         10,913         11,284         11,657         200         207         214           1034         44,728         286,663         296,514         318,641         6,404         6,651         6,888           1134         44,729         6,830         7,361         7,360         7,689         1,139         1,149         1,245           14         418         6,239         6,830         7,508         7,360         7,689         92         96         100           14         419         14,952         15,739         16,133         16,527         16,984         441         452         463           15         419         14,952         15,739         16,134         16,527         16,984         441         452         463           16         58         16,836         16,134         16,537         16,826         16,826         100         207         110           16         59         16,137         16,537         16,534         16,534         16,534         16,534         16,534         16,534         16,534         16,534         16,534         16,534         16,534         16,534         16,534	sland	364		18,689	19,268	19,847	20,393		400		
591         263,088         285,063         296,051         307,039         318,641         6,404         6,651         6,898           tt         44,724         49,271         51,544         53,818         56,017         1,139         1,192         1,245           tt         44         6,299         6,830         7,360         5,684         95         16         178         1,192         1,245           t         449         4,815         5,689         7,360         5,890         61         400         1,657         1,694         441         452         463           t         449         4,815         5,601         2,757         2,822         2,899         61         60         400           san         256         2,691         2,757         2,822         2,899         61         60         60         60           gan         591         6,384         1,652         1,684         44         441         452         463           gan         592         6,508         6,508         6,508         6,508         6,144         4002         72         22         22           san         592         6,238 <t< td=""><td>lefferson</td><td>186</td><td></td><td>10,542</td><td>10,913</td><td></td><td>11,657</td><td>200</td><td>207</td><td>214</td><td></td></t<>	lefferson	186		10,542	10,913		11,657	200	207	214	
total         44,724         49,271         51,544         53,818         56,017         1,139         1,192         1,245           tt         48         6,299         6,830         7,095         7,360         7,654         165         167         167           tt         48         4,815         5,277         5,508         5,739         6,834         441         465         167	Cing	5911	,,	285,063	296,051		318,641	6,404	6,651	6,898	
tt         484         6,299         6,830         7,095         7,360         7,654         155         167         167           tt         84         4,815         5,277         5,508         5,739         5,896         92         96         100           t         481         4,815         5,277         5,508         5,739         5,896         92         96         100           t         481         4,815         5,240         2,601         2,757         2,822         2,899         61         463         96         100           gan         202         9,116         9,826         10,181         10,536         10,826         2,74         324         44,02         340         36         86           gan         202         9,116         9,826         10,181         10,536         10,826         27         225         233           reille         72         3,244         4,062         79         82         85         85           an         5,88         6,508         6,508         6,678         12,447         4,062         79         82         85           an         2,324         3,548         <	litsap	1034	7	49,271	51,544		56,017	1,139	1,192	1,245	
tr         84         4,815         5,277         5,608         5,739         5,896         92         96         100           419         14,952         15,739         16,133         16,527         16,984         441         452         463           as         2,560         2,691         2,757         2,822         2,899         61         62         64           gan         202         9,116         9,826         10,181         16,534         16,604         340         354         368         86           gan         202         9,971         6,338         6,508         10,181         10,536         10,826         217         225         233           reille         72         3,324         3,784         4,062         79         86         60         60         10           an         73         4,891         6,338         6,508         5,844         4,062         79         86         60         60         10         86           an         73         4,891         5,288         5,486         5,684         5,811         79         82         86           sish         2,518         2,518	(ittitas	143			7,095			155	161	167	173
419         14,952         16,739         16,133         16,527         16,984         441         452         463           a         58         2,560         2,691         2,757         2,822         2,899         61         62         64           gan         202         9,116         9,826         10,181         10,536         10,826         277         225         233           reille         72         3,537         6,508         6,679         6,679         6,811         159         168         6,67           reille         73         3,524         3,634         3,783         3,684         6,811         79         82         85           an         73         4,891         5,288         5,684         5,811         79         82         85           an         73         4,891         5,288         5,684         5,811         79         82         85           sinh         236         25,628         26,655         27,682         28,767         639         665         690           sish         23,144         10,578         21,682         28,767         639         27,89         29,19 <t< td=""><td>lickitat</td><td>84</td><td></td><td></td><td></td><td></td><td>5,896</td><td></td><td>96</td><td></td><td>103</td></t<>	lickitat	84					5,896		96		103
94         58         2,560         2,691         2,757         2,822         2,899         61         62         64           gan         313         13,603         14,784         15,374         15,964         16,604         340         354         368           reille         202         9,116         9,826         10,181         10,536         10,826         217         225         233           reille         15         3,416         9,826         10,181         10,536         6,679         6,811         159         164         168           reille         2907         108,414         117,781         122,464         127,147         133,255         3,159         3,284         3,410           an         588         2,357         25,88         5,486         5,684         5,811         79         82         85           sish         2,367         2,588         2,685         2,682         2,768         2,784         3,410         83,410           sish         2,397         2,588         2,685         2,7682         2,726         2,726         2,324           sish         2,397         3,784         4,665         2,7682	ewis	419	8	15,739		16,527		441	452	463	
gan         313         13,603         14,784         15,374         15,964         16,604         340         354         368           gan         202         9,116         9,826         10,181         10,536         10,826         217         225         233           reille         72         3,324         3,634         6,508         6,679         6,811         159         164         168           an         73         8,414         117,781         122,464         127,147         133,255         3,159         3,284         3,410           an         73         4,891         12,286         5,684         5,811         79         82         85           nish         2397         25,628         26,655         27,682         27,682         28,767         6,38         46           rish         2397         25,628         2,488         2,612         27,26         2,789         2,919           rish         2397         105,784         11,042         2,564         2,564         2,789         2,789         2,949           rish         210         84,959         47,965         47,965         49,370         1,274         2,254	incoln	58		2,691		2,822		61	62	64	
gan         202         9,116         9,826         10,181         10,536         10,826         217         225         233           reille         72         3,324         6,338         6,508         6,679         6,811         159         164         168           reille         72         3,324         3,634         3,789         3,944         4,062         79         82         85           an         2907         108,414         117,781         122,464         127,147         133,255         3,159         3,284         3,410           an         73         4,891         5,288         5,486         5,684         5,811         79         82         85           an         73         4,891         17,781         122,464         127,147         133,255         3,159         3,284         3,410           an         73         4,891         5,288         5,486         2,685         27,682         28,767         639         665         690           sish         23,470         23,688         2,685         2,612         2,726         4,1         4,1         4,1           sish         23,470         10,976         2,1	lason	313		14,784		15,964		340	354	368	
reille         72         5,997         6,338         6,508         6,679         6,811         159         164         168           reille         72         3,324         3,634         3,789         3,944         4,062         79         82         85           an         2907         108,414         117,781         122,464         127,147         133,255         3,159         3,284         3,410           an         73         4,891         5,288         5,486         5,684         5,811         79         82         85           nia         37         2,114         2,363         2,665         27,682         28,767         639         665         690           nish         2,397         2,114         2,363         2,488         2,612         2,726         41         43         46           sish         2,375         2,514         410,494<	Okanogan	202	9,116	9,826		10,536	10,826	217	225	233	
reille         72         3,324         3,634         3,789         3,944         4,062         79         82         85           an         2907         108,414         117,781         122,464         127,147         133,255         3,159         3,284         3,410           an         73         4,891         5,288         5,486         5,684         5,811         79         82         85           ia         588         23,575         25,628         26,655         27,682         28,767         639         665         690           nish         2397         2,114         2,363         2,488         2,612         2,726         41         43         46           nish         2397         95,397         105,784         110,978         116,172         122,504         2,658         2,789         2,918           se         200         74,79         81,026         84,164         87,302         90,619         2,254         2,429           se         217         81,026         84,164         87,302         90,619         2,254         2,429         2,429           se         1031         41,946         45,959         47,965	acific	151	5,997	6,338	6,508	6,679		159	164	168	
an         2907         108,414         117,781         122,464         127,147         133,255         3,159         3,169         3,284         3,410           an         73         4,891         5,288         5,486         5,684         5,811         79         82         85           ia         588         23,575         25,628         26,655         27,682         28,767         639         665         690           nish         37         2,114         2,363         2,488         2,612         2,726         41         43         46           nish         2397         95,397         105,784         110,978         116,172         12,264         2,658         2,789         2,919           se         200         74,79         81,026         84,164         87,302         90,619         2,254         2,429         2,918           se         217         9,786         11,386         11,749         2,254         2,429         2,918           kum         295         47,965         47,965         47,965         47,965         47,967         1,507         1,518         2,618         2,618           vm         801         34,018	end Oreille	72	3,324	3,634	3,789		4,062	79	82	85	
an         73         4,891         5,288         5,684         5,811         79         82         85           ia         588         23,575         25,628         26,655         27,682         28,767         639         665         690         80           ia         37         2,114         2,363         2,488         2,612         2,726         41         43         46         80           mish         2397         105,784         110,978         116,172         122,504         2,658         2,789         2,919         3           s         2080         74,749         81,026         84,164         87,302         90,619         2,254         2,342         2,429         2           s         217         9,78         10,587         11,386         11,749         2,35         244         2,53           kum         23         1,345         1,426         1,507         1,518         2,113         1,179         1,229         1           kum         295         9,719         10,188         10,423         10,657         1,518         2,51         2,51         2,52         2,24         2,23           val         801	ierce	2907	108,414	117,781	122,464	127,147	133,255	3,159	3,284		3,573
1ia         38         23,575         25,628         26,655         27,682         28,767         639         665         690         7           nish         37         2,114         2,363         2,488         2,612         2,726         41         43         46           nish         2397         105,784         110,978         116,172         122,504         2,658         2,789         2,919         3           s         208         74,749         81,026         84,164         87,302         90,619         2,254         2,342         2,919         3           sn         217         9,788         10,587         10,986         11,749         2,254         2,342         2,429         2           kum         23         41,946         45,959         47,965         49,971         51,862         1,179         1,179         1,229         1           kum         23         1,343         1,426         1,507         1,518         25         25         25         26         26           value         295         9,719         10,188         10,423         10,657         10,920         309         317         324 <th< td=""><td>an Juan</td><td>73</td><td>4,891</td><td>5,288</td><td>5,486</td><td>5,684</td><td>5,811</td><td>79</td><td>82</td><td>85</td><td></td></th<>	an Juan	73	4,891	5,288	5,486	5,684	5,811	79	82	85	
sh         237         2,114         2,363         2,488         2,612         2,726         41         43         46           sh         2397         95,397         105,784         110,978         116,172         122,504         2,658         2,789         2,919         3           2080         74,749         81,026         84,164         87,302         90,619         2,254         2,342         2,429         2           217         9,788         10,587         10,986         11,386         11,749         235         244         2,53         2           um         23         1,343         1,425         1,466         1,507         1,518         25         24         2,53         2           illa         295         9,719         10,186         1,507         1,518         25         25         2           illa         2,95         9,719         10,423         10,657         10,920         309         317         324           illa         4,857         5,189         10,657         10,920         309         317         324           illa         4,857         5,189         5,31         40,387         40,387 <t< td=""><td>skagit</td><td>588</td><td>23,575</td><td>25,628</td><td>26,655</td><td>27,682</td><td></td><td>629</td><td>999</td><td>069</td><td>717</td></t<>	skagit	588	23,575	25,628	26,655	27,682		629	999	069	717
sh         2397         95,397         105,784         110,978         116,172         122,504         2,658         2,789         2,919         3           2080         74,749         81,026         84,164         87,302         90,619         2,254         2,342         2,429         2           217         9,788         10,587         10,986         11,386         11,749         235         244         2,53         2           um         23         1,343         1,425         1,466         1,507         1,518         25         25         26           illa         295         9,719         10,188         10,423         10,657         10,920         309         317         324           illa         4,857         5,189         10,423         10,657         10,920         309         317         324           illa         4,857         5,189         5,325         40,387         40,387         41,893         876         913         951           ill         4,857         5,189         5,251         5,707         146         150         37,644         37,644         37,644         37,644         37,644         37,644         37,644	skamania	37	2,114	2,363	2,488	2,612		41	43	46	
2080         74,749         81,026         84,164         87,302         90,619         2,254         2,342         2,429         2           217         9,788         10,587         10,986         11,386         11,749         235         244         253         2           um         23         1,343         1,425         47,965         49,971         51,862         1,130         1,179         1,229         1           um         23         1,343         1,425         1,466         1,507         1,518         25         25         26         26           illa         295         9,719         10,188         10,423         10,657         10,920         309         317         324           illa         4,810         37,203         38,795         40,387         41,893         876         913         951           883         33,253         35,448         36,546         37,644         38,806         941         970         999         1,	Snohomish	2397	95,397	105,784	110,978	116,172		2,658	2,789		3,079
217         9,788         10,587         10,986         11,386         11,749         235         244         253           um         23         41,946         45,959         47,965         49,971         51,862         1,130         1,179         1,229         1           um         23         1,343         1,425         47,965         49,971         51,862         1,130         1,179         1,229         1           ulla         295         9,719         10,423         10,657         10,920         309         317         324           x         801         34,018         37,203         38,795         40,387         41,893         876         913         951           x         883         33,253         35,448         36,546         37,644         38,806         941         970         999         1,1	Spokane	2080		81,026	84,164	87,302	90,619	2,254	2,342	2,429	
um         23         41,946         45,959         47,965         49,971         51,862         1,130         1,179         1,229         1           ulla         23         1,343         1,425         1,466         1,507         1,518         25         25         26         26           ulla         295         9,719         10,188         10,423         10,657         10,920         309         317         324           n         801         34,018         37,203         38,795         40,387         41,893         876         913         951           n         4,857         5,189         5,355         5,521         5,707         146         150         155           s         883         33,253         35,448         36,546         37,644         38,806         941         970         999         1,	stevens	217	9,788	10,587	10,986	11,386	11,749	235	244	253	
um         23         1,343         1,425         1,466         1,507         1,518         25         25         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         27         26         27         26         27         26         27	hurston	1031	41,946	45,959	47,965	49,971	51,862	1,130	1,179	1,229	_
villa         295         9,719         10,188         10,423         10,657         10,920         309         317         324           v         801         34,018         37,203         38,795         40,387         41,893         876         913         951           v         4,857         5,189         5,355         5,521         5,707         146         150         155           s         883         33,253         35,448         36,546         37,644         38,806         941         970         999         1	Vahkiakum	23	1,343	1,425	1,466	1,507	1,518	25	25	26	26
801         34,018         37,203         38,795         40,387         41,893         876         913         951           136         4,857         5,189         5,355         5,521         5,707         146         150         155           883         33,253         35,448         36,546         37,644         38,806         941         970         999         1,1	Valla Walla	295	9,719	10,188	10,423	10,657	10,920	309	317	324	332
136         4,857         5,189         5,355         5,521         5,707         146         150         155           883         33,253         35,448         36,546         37,644         38,806         941         970         999	Vhatcom	801	34,018	37,203	38,795	40,387	41,893	876	913	951	986
883         33,253         35,448         36,546         37,644         38,806         941         970         999	Vhitman	136	4,857	5,189	5,355	5,521	5,707	146	150	155	160
	akima	883	33,253	35,448	36,546	37,644	38,806	941	970	666	1,030

7,030 Source:

OFM, \*2012 County Age and Sex Projections, five-year intervals and age groups\*

Prepared by Beth Harlow - August 2018

Washington Sinte Department of Machinet of Health

### 2018-2019 Hospice Numeric Need Methodology Department of Health

Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018.



WAC246-310-290(8)(e) Step 5: Combine the average of the most recent three years hospice capacity in each planning area from the projected volumes calculated in Step 4 to determine the number of projected admissions beyond the planning area capacity.

	2018	2019	2020	2021					
County	potential	potential	potential	potential	Current	2018 Admits (Unmet)	2019 Admits (Unmet)	2020 Admits (Unmet)	2021 Admits (Unmet)
A 15	volume	Noin	volume	volume					
Adams	99		/1	72	33.67	34	36	37	38
Asotin	144	148	151	155	73.33	70	74	82	81
Benton	828	859	890	920	902.67	(74)	(44)	(13)	17
Chelan	397	410	424	439	371.67	25	39	52	29
Clallam	228	572	585	299	129.67	429	442	455	469
Clark	1,963	2,039	2,116	2,194	1,881.00	82	158	235	313
Columbia	49	90	51	52	19.33	30	31	32	32
Cowlitz	699	682	701	722	774.67	(112)	(63)	(73)	(53)
Douglas	172	178	184	191	144.33	28	34	40	46
Ferry	46	48	50	51	27.33	19	21	22	23
Franklin	213	223	233	244	148.67	65	75	85	95
Garfield	15		16	16	4.00	1	12	12	12
Grant	381	394	406	421	225.00	156	169	181	196
Grays Harbor	452	463	475	487	280.33	172	183	194	207
sland	432	444	456	467	307.33	125	137	148	160
Jefferson	219	226	233	240	168.00	51	58	65	72
King	7,350	7,601	7,852	8,116	7,847.23	(498)	(246)	5	269
Kitsap	1,286	1,339	1,392	1,443	1,152.67	134	186	239	291
Kittitas	177	183	189	196	135.00	42	48	54	61
Klickitat	106		114	116	156.63	(51)	(44)	(43)	(40)
ewis.	502	513	525	537	438.33	64	92	98	66
incoln	29	89	70	72	19.00	48	49	51	53
Mason	390	404	418	433	241.67	148	162	9/1	191
Okanogan	251	259	266	273	190.33	61	89	92	82
Pacific	180	184	188	191	97.00	83	28	91	94
Pend Oreille	88	92	95	86	58.00	31	34	37	40
Pierce	3,707	3,836	3,965	4,131	3,895.33	(188)	(69)	69	236
San Juan	87	90	92	94	75.33	11	14	17	19
Skagit	715	741	767	794	628.67	87	112	138	166
Skamania	20	52	54	99	39.00	11	13	15	17
Snohomish	3,084	3,218	3,352	3,514	2,635.33	448	582	717	878
Spokane	2,594	2,683	2,771	2,865	2,664.00	(02)	19	107	201
Stevens	266	274	283	291	138.33	127	136	145	153
hurston	1,285	1,336	1,387	1,435	1,104.30	181	231	282	330
Wahkiakum	26	27	28	28	6.33	20	21	21	22
Walla Walla	345	352	329	367	317.00	28	35	42	20
Whatcom	985	1,021	1,059	1,095	858.67	124	162	200	237
Whitman	162	167	172	177	227.33	(69)	(09)	(99)	(51)
Yakima	1,102	1,132	1,162	1,194	1,123.67	(22)	8	39	70.

2016-2018 Surveys for CY2015-2017 Hospice Data facility self-report to department

## Department of Health

**2018-2019 Hospice Numeric Need Methodology**Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018.

Wishington State Department of Health

WAC246-310-290(8)(f) Step 6: Multiply the statewide average length of stay as determined by CMS to determine unmet need patient days in the projection years.

2019 Admits         2020 Admits           (Unmet)         (Unmet)           36         37           44         (13)           39         52           442         455           443         46           31         32           442         46           39         52           442         40           31         32           442         40           34         40           21         22           22         12           40         34           40         40           21         23           40         40           21         23           44         40           44         40           44         40           44         40           44         40           44         40           44         40           44         40           44         40           44         44           44         44           44         44           44         47	CALVO DE LA COMPANION DE LA CO						Step 6 (Admir	ts * ALOS) = Un	Step 6 (Admits * ALOS) = Unmet Patient Days	S/
Commet)	intv	2018 Admits	2019 Admits	2020 Admits	2021 Admits	Statewide	2018 Patient	2019 Patient	2020 Patient	2021 Patient
34   36   74   70   74   74   74   74   74   74		(Unmet)	(Unmet)	(Unmet)	(Unmet)	ALOS	Days (unmet)	Days (unmet)	Days (unmet)	Days (unmet)
10	ıms	34	36	37	38	98.09	2,088	2,166	2.245	2.330
on (74) (44) (44) (45) (46) (48) (49) (48) (48) (48) (48) (48) (48) (48) (48	tin	70	74	78	81	98.09	4,279	4,515	4,750	4,956
bia 429 442 442 442 442 442 442 442 442 442	ıton	(74)	(44)	(13)	17	98.09	(4,517)	(2,648)	(477)	
bia	lan	25	39	52	29	98.09	1,525	2,349	3,173	4,079
bia 30 158 7  c (112) (93) c 28 34 c (112) (93) c 12 c (112) (93) c 31 c (112) (93) c 12 c (12) (93) c 14 c (14) (12) c (14) c (14) (14) c (18) (18) c (18) c (18) c (18) c (18) (18) c (1	lam	429	442	455	469	98.09	26,080	26,894	27,708	28,573
bia 30 31	논	82	158	235	313	98.09	4,962	9,623	14,285	19,050
s 28 34 34 34 34 34 34 34 34 34 34 34 34 34	umbia	30	31	32	32	98.09	1,819	1,877	1.934	1.974
S	vlitz	(112)		(73)	(53)	98.09	(6,805)	(5,632)	(4.458)	(3,195)
hn 65 75 d 11 12 d 156 75 d 156 169 hr 156 169 hr 172 183 hr 172 183 hr 174 186 hr 175 186 hr 178 186 hr 178 186 hr 178 186 hr 188 187 hr 118 187 hr 118 187 hr 119 119 hr 181 231 231 hr 181 231 231 hr 181 28 hr 160) hr 165) hr 166)	ıglas	28	34	40	46	98.09	1,682	2,054	2.426	2.816
11   12   15   169   175   1	y	19	21	22	23	98.09	1,157	1,257	1,357	1,412
11   12   15   169   170   183   170   184   186   1	nklin	99	22	85	95	98.09	3,930	4,543	5,156	5.795
156   169   169   169   169   160   172   183   137   137   134   186   2   134   186   2   134   186   2   134   148   162   148   148   148   148   148   148   148   148   148   148   184	field	11	12	12	12	98.09	989	200	732	747
Jarbor         172         183         172           on         125         137         1           on         51         58         1           on         498         (246)         2           ft         42         48         2           134         186         2           42         48         49           1         48         49           1         148         162         1           an         83         87         1           an         87         112         1           nia         11         14         1           nia         11         13         1           in         181         231         2           kum         20         21         2           kum         124         162         2           in         165         60         60	nt	156	169	181	196	98.09	9,496	10,264	11,031	11,898
on 51 125 137 1  on 61 68 186 2  tt (498) (246) 2  134 186 2  42 48 48 49  It (51) (47) (47) (69)  an 61 68 87  an 83 87  an 87 112 1  hish 448 582 7  he (70) 19 11  s 127 136 1  kum 20 21  kum 20 21  kum (65) (60) (60)	ys Harbor	172	, 183	194	207	98.09	10,444	11,132	11,820	12,570
on         51         58           on         (498)         (246)           (498)         (246)         2           134         186         2           42         48         48           64         75           1         48         49           1         148         162           1         148         68           an         61         68           an         83         87           an         87         112         1           nia         11         13         1           nia         127         136         7           s         127         136         7           kum         20         21         1           valid         124         162         2           vm         124         162         2           vm         (65)         (60)         (60)	nd	125	137	148	160	98.09	7,581	8,309	9,036	9,723
(498)   (246)   (246)   (134   186   2   (186   186   2   (186   186   186   2   (186   186   186   186   (186   186   186   186   (186   186   186   186   186   (186   186   186   186   (186   18	erson	51	58	65	72	98.09	3,103	3,527	3,952	4,380
134   186   2   42   48   48   48   48   49   49   49   49	a	(498)	(246)	5	269	98.09	(30,289)	(15,001)	288	16,342
tf         42         48           tf         (51)         (47)           t         64         75           t         48         49           t         48         87           t         11         14           t         11         14           t         87         112         1           tele         (70)         19         7           tele         (70)         19         7           tele         (70)         19         7           kum         20         21         2           vm         124         162         2           vm         (65)         (60)         (60)	ab	134	186	239	291	98.09	8,129	11,346	14,564	17,681
1	itas	42	48	54	19	98.09	2,563	2,938	3,313	3,727
148   75   148   49   148   49   148   49   149   148   149   14	kitat	(51)	(47)	(43)	(40)	98.09	(3,086)	(2,849)	(2,612)	(2,450)
th         48         49           gan         148         162           gan         61         68           san         83         87           reille         31         34           an         11         14           nia         11         12           nib         448         582           s         127         19           s         127         136           nn         181         231         2           kum         20         21         2           kum         20         21         2           nm         124         162         2           in         (65)         (60)	ris	64	75	86	66	98.09	3,889	4,570	5,251	6,034
gan         148         162           gan         61         68           reille         31         87           an         (188)         (59)           an         11         14           nia         11         13           nib         (70)         19           s         (70)         19           s         127         136           nn         124         162           dalla         28         35           nn         (65)         (60)	oln	48	49	51	53	98.09	2,922	3,010	3,098	3,201
gan         61         68           gan         61         68           reille         31         34           an         (188)         (59)           an         11         14           nia         11         13           nish         448         582           s         (70)         19           s         127         136           nn         181         231         2           kum         20         21         2           dalla         28         35         35           nn         (65)         (60)	ion	148	162	176	191	98.09	9,034	8/8/6	10,722	11,633
S3   S7	nogan	61	89	92	82	98.09	3,685	4,152	4,620	5,002
reille 31 34  an (188) (59)  an 11 14  nia 11 12  nish 448 582  s 127 19  s 127 136  on 181 231  kum 20 21  kum 20 21  kum 20 21  min (65) (60)	ific	83	87	91	94	98.09	5,022	5,271	5,520	5,715
an (188) (59)  an 11 14  hia 11 12  hish 448 582  s 127 19  s 127 136  on 181 231  kum 20 21  kum 20 21  kum 124 162  in (65)	d Oreille	31	34	37	40	98.09	1,879	2,078	2,277	2,428
an         11         14           nia         11         13           nia         11         13           nish         448         582           s         127         19           nn         181         231           kum         20         21           falla         28         35           in         (65)         (60)	eo.	(188)	(69)	69	236	98.09	(11,441)	(309'E)	4,228	14,348
nia         87         112           nish         448         582           te         (70)         19           s         127         136           nn         181         231         2           kum         20         21         2           falla         28         35         35           in         (65)         (60)	Juan	11	14	17	19	98.09	696	028	1,044	1,157
sh         11         13           sh         448         582           (70)         19           127         136           181         231           181         231           182         35           124         162           (65)         (60)	git	87	112	138	166	98.09	5,268	6,840	8,412	10,083
sh         448         582           (70)         19           127         136           181         231           20         21           124         162           (65)         (60)	mania	11	13	15	17	98.09	647	922	806	1,023
(70) 19 19 127 136 136 131 231 231 231 24 162 24 162 24 162 24 165 165)	homish	448	582	717	878	98.09	27,286	35,449	43,612	53,458
127   136	kane	(02)	19	107	201	98.09	(4,259)	1,140	6,539	12,224
Im         20         21           Ia         28         35           (65)         (60)	/ens	127	136	145	153	98.09	7,757	8,286	8,815	9,299
124   162   160	rston	181	231	282	330	98.09	10,987	14,087	17,186	20,098
124   162   35   35   35   35   35   35   35   3	kiakum	20	21	21	22	98.09	1,222	1,263	1,305	1,316
(65) (60)	la Walla	28	35	42	20	98.09	1,676	2,113	2,551	3,040
(65)	ıtcom	124	162	200	237	98.09	7,517	9,850	12,183	14,399
	tman	(65)	(09)	(26)	(51)	98.09	(3,969)	(3,682)	(3,394)	(3,074)
<b>Yakima</b> (22) 8 39	ima	(22)	8	39	70	98.09	(1,324)	514	2,352	4,288

## 2018-2019 Hospice Numeric Need Methodology Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018. Department of Health

Washington State Department of Health

WAC246-310-290(8)(g) Step 7: Divide the unmet patient days from Step 6 by 365 to determine the unmet need ADC.

					Step 7 (P	atient Days	Step 7 (Patient Days / 365) = Unmet ADC	et ADC
County	2018 Patient Days (unmet)	2019 Patient Days (unmet)	2020 Patient Days (unmet)	2021 Patient Days (unmet)	2018 ADC (unmet)	2019 ADC (unmet)	2020 ADC (unmet)	2021 ADC (unmet) Projection
	000							Year
Adams	2,088	2,166	2,245	2,330	9	9	9	9
Asotin	4,279	4,515	4,750	4,956	12	12	13	14
Benton	(4,517)	(2,648)	(779)	1,063	(12)	(7)	(2)	3
Chelan	1,525	2,349	3,173	4,079	4	9	6	11
Clallam	26,080	26,894	27,708	28,573	71	74	9/	78
Clark	4,962	9,623	14,285	19,050	14	26	39	52
Columbia	1,819	1,877	1,934	1,974	5	5	5	5
Cowlitz	(6,805)	(5,632)	(4,458)	(3,195)	(19)	1	(12)	(6)
Douglas	1,682	2,054	2,426	2,816	5		7	8
Ferry	1,157	1,257	1,357	1,412	8	8	4	4
Franklin	3,930	4,543	5,156	5,795	11	12	14	16
Garfield	989	602	732	747	2	2	2	2
Grant	9,496	10,264	11,031	11,898	26	28	30	33
<b>Grays Harbor</b>	10,444	11,132	11,820	12,570	29	30	32	34
sland	7,581	8,309	9:036	9,723	21	23	25	27
Jefferson	3,103	3,527	3,952	4,380	6	10	11	12
King	(30,289)	(15,001)	288	16,342	(83)	(41)	-	45
Kitsap	8,129	11,346	14,564	17,681	22	31	40	48
Kittitas	2,563	2,938	3,313	3,727	7	8	6	10
Klickitat	(3,086)	(2,849)	(2,612)	(2,450)	(8)		(7)	(7)
-ewis	3,889	4,570	5,251	6,034	11	13	14	17
incoln	2,922	3,010	3,098	3,201	8	8	8	6
Mason	9,034	8/8/6	10,722	11,633	25	27	29	32
Okanogan	3,685	4,152	4,620	5,002	10	11	13	14
Pacific	5,022	5,271	5,520	5,715	14	14	15	16
Pend Oreille	1,879	2,078	2,277	2,428	2	9	9	2
Pierce	(11,441)	(3,606)	4,228	14,348	(31)	(10)	12	39
San Juan	969	870	1,044	1,157	2	2	8	3
Skagit	5,268	6,840	8,412	10,083	14	19	23	28
Skamania	647	775	903	1,023	2	2	2	3
Snohomish	27,286	35,449	43,612	53,458	75	26	119	146
Spokane	(4,259)	1,140	6,539	12,224	(12)	8	18	33
Stevens	7,757	8,286	8,815	9,299	21	23	24	25
hurston	10,987	14,087	17,186	20,098	30	39	47	55
Wahkiakum	1,222	1,263	1,305	1,316	3	3	4	4
Walla Walla	1,676	2,113	2,551	3,040	5	9	7	8
Whatcom	7,517	9,850	12,183	14,399	21	27	33	39
Whitman	(3,969)	(3,682)	(3,394)	(3,074)	(11)	(10)	(6)	(8)
Yakima	(1,324)	514	2,352	4,288	(4)	-	9	12

## Department of Health

2018-2019 Hospice Numeric Need Methodology
Disclaimer: This report is based on revised Certificate of Need rules which are effective 10/15/2018.

Wishington State Department of Health

WAC246-310-290(8)(h) Step 8:
Determine the number of hospice agencies in the planning area that could support the unmet need with an ADC of thirty-five.

Application/Base Year 1 Year 2

	application pass	rear	rear z	rear 3		
	Step 7 (Patier	Step 7 (Patient Days / 365) = Unmet ADC	Jnmet ADC		Step 8 - N	Step 8 - Numeric Need
County	2018 ADC	2019 ADC	2020 ADC	2021 ADC (unmet)	Numeric	Agencies
oodiii)	(unmet)	(unmet)	(unmet)	Projection Year	Need?	Needed?
Adams	9	9	9	9	FALSE	FALSE
Asotin	12	12	13	14	FALSE	FALSE
Benton	(12)	(2)	(2)	3	FALSE	FALSE
Chelan	4	9	6	11	FALSE	FALSE
Clallam	71	74	92	78	TRUE	2.24
Clark	14	26	39	52	TRUE	1.49
Columbia	5	5	5	. 2	FALSE	FALSE
Cowlitz	(19)	(12)	(12)	(6)	FALSE	FALSE
Douglas	5	9	7	8	FALSE	FALSE
Ferry	3	3	4	4	FALSE	FALSE
Franklin	11	12	. 14	16	FALSE	FALSE
Garfield	2	2	2	2	FALSE	FALSE
Grant	26	28	30	33	FALSE	FALSE
Grays Harbor	29	30	32	34	FALSE	FALSE
Island	21	23	25	27	FALSE	FALSE
Jefferson	6	10	11	12	FALSE	FALSE
King	(83)	(41)	_	45	TRUE	1.28
Kitsap	22	31	40	48	TRUE	1.38
Kittitas	7	80	6	10	FALSE	FALSE
Klickitat	(8)	(8)	(2)	(7)	FALSE	FALSE
Lewis	7	13	14	17	FALSE	FALSE
Lincoln	80	80	80	6	FALSE	FALSE
Mason	25	27	29	32	FALSE	FALSE
Okanogan	10	11	13	14	FALSE	FALSE
Pacific	14	14	15	16	FALSE	FALSE
Pend Oreille	2	9	9	7	FALSE	FALSE
Pierce	(31)	(10)	12	39	TRUE	1.12
San Juan	2	2	3	3	FALSE	FALSE
Skagit	14	19	23	28	FALSE	FALSE
Skamania	2	2	2	3	FALSE	FALSE
Snohomish*	75	97	119	146	TRUE	4.18
Spokane	(12)	3	18	33	FALSE	FALSE
Stevens	21	23	24	25	FALSE	FALSE
Thurston	30	39	47	22	TRUE	1.57
Wahkiakum	3	3	4	4	FALSE	FALSE
Walla Walla	5	9	7	8	FALSE	FALSE
Whatcom	21	27	33	39	TRUE	1.13
Whitman	(11)	(10)	(6)	(8)	FALSE	FALSE
Yakima	(4)	-	9	12	FALSE	FALSE