

From: [Alex Manderson](#)
To: nbell@advocates-nwea.org
Subject: Re: Tillamook bay commercial shellfish closures
Date: Monday, March 19, 2012 2:17:02 PM
Attachments: [SummaryTable.docx](#)

Nina,

here is the information you requested. I have given you data back to 2004. I stopped here because Tillamook Bay management areas change significantly in prior years and may be not as comparable to more recent years. Tillamook Bay has two management areas and these are shown here. I also included two other management areas in the state randomly; Pierce Point/East Bay in Coos Bay and the Umpqua Triangle. I can send you the more specific data that was used to generate this summary table. If I were to send all of it it would be 32 pdf documents. I could just send you the specific data for Tillamook and that would comprise 16 documents. The table indicates the number of days closed from the number of distinct closures for each calendar year. For example, 99 / 10 represents 10 individual closure events for a total of 99 days closed.

Thanks,

Alex Manderson
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YEAR	TILL. MAIN	TILL. WEST	EAST COOS	UMPQUA TRI.
2011	99 / 10	49 / 5	80 / 13	42 / 6
2010	117 / 18	54 / 9	144 / 18	38 / 7
2009	76 / 11	16 / 2	100 / 13	13 / 2
2008	107 / 11	55 / 6	76 / 9	20 / 3
2007	78 / 8	45 / 5	87 / 13	35 / 6
2006	91 / 11	53 / 7	88 / 11	40 / 5
2005	63 / 2	31 / 8	101 / 19	28 / 5
2004	64 / 11	17 / 3	70 / 13	29 / 5