

Appendix

APPENDIX A

Washington State DHS

http://www.doh.wa.gov/EHSPHL/CHS/Vista/Statistical_calculations.htm#KOTELCHUCK%20INDEX

KOTELCHUCK INDEX FOR PRENATAL CARE

To classify a mother's prenatal care history, Kotelchuck first determines the "expected number of visits" based on the gestational age of the infant and the month care began:

Gestational Age	Month Care Began			
	1st	2nd	3rd	4th
6 - 9	1			
10 - 13	2	1		
14 - 17	3	2	1	
18 - 21	4	3	2	1
22 - 25	5	4	3	2
26 - 29	6	5	4	3
30 - 31	7	6	5	4
32 - 33	8	7	6	5
34 - 35	9	8	7	6
36	10	9	8	7
37	11	10	9	8
38	12	11	10	9

Prenatal care is then:

Inadequate: fewer than 50% of expected visits

Intermediate: 50-79.9% of expected visits

***Adequate:** 80-109.9% of expected visits

***Adequate±:** 110% or more of expected visits

*combined as "Adequate Care - Kotelchuck" risk factor.

Note 1 -- Expected visits are listed only for care beginning in the first four months of pregnancy. If care begins after the fourth month, it is classified as "Inadequate" regardless of the number of visits.

Note 2 -- The Kotelchuck index is computed only when the gestational age can be calculated from the date of birth minus the "date last normal menses began" as entered on the birth certificate. I.e., it is not computed from estimated gestational age.

For a discussion of the Kessner and Kotelchuck indices, see "Kotelchuck, M. An Evaluation of the Kessner Adequacy of Prenatal Care Index and a Proposed Adequacy of Prenatal Care Utilization Index. **Am J Public Health.** 1994; 84:1414-1420".

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