



UNIVERSITY OF BERGEN

INSTITUTE OF
HYGIENE AND
SOCIAL MEDICINE

Medical Registration of
Births in Norway, 1967—68

Some Descriptive and Analytical Aspects

By

TOR BJERKEDAL and LEIV BAKKETEIG

Bergen, Norway 1972

MEDICAL REGISTRATION OF BIRTHS IN NORWAY

1967-68

Some Descriptive and Analytical Aspects

By

TOR BJERKEDAL and LEIV S. BAKKETEIG

UNIVERSITY OF BERGEN
INSTITUTE OF HYGIENE AND SOCIAL MEDICINE
MEDICAL BIRTH REGISTRY OF NORWAY
BERGEN, NORWAY
MAY, 1972

CONTENT	PAGE
FOREWORD	5
INTRODUCTION: Medical registration of births in Norway	7
REVIEW OF MATERIAL	11
INDEX OF TABLES	12
INDEX OF DIAGRAMS	14
SECTION I : Regional comparisons	15
SECTION II : Analysis of perinatal and infant mortality	75
SECTION III : Seasonal variation	129
CLOSING REMARK	143
REFERENCES	144

FOREWORD

The purpose of this report is to present a summary of some of the data collected through the scheme of medical registration of births that was introduced in Norway in 1967 by The National Health Services. In December 1969 The National Health Services authorized The Institute of Hygiene and Social Medicine, University of Bergen to carry out the central processing and analysis of the material provided by the registration scheme. From the start, the work has been performed in cooperation with The National Health Services and The Central Bureau of Statistics. It is in the main financed by funds made available through The National Health Services together with valuable support from The National Research Council (NAVF) and from research funds of the University of Bergen, especially the L.M. MELTZER FUND.

In October 1970 a summary of some data from the first year of registration was published. However, the number of copies was very limited and the report was in the Norwegian language only. In planning a second report it was felt that in addition to making a larger number of copies, a brief account of the registration scheme should be given in English. Moreover, table text and table headings should also be in English to facilitate international comparisons.

The material presented in this second report covers all births in Norway, a total of 135 731 (including abortions of more than 16 weeks of gestation) that took place during the years 1967 and 1968. The rather extensive tabular material presented is accompanied by a few comments only, in the hope of bringing out the main content of the tables. Subsequent papers presenting results of analyses in depths will be more suitable for including a detailed discussion. Most of the tables in the main part of the report will include births of both years. Tables giving the same information separately for 1967 and 1968 will be available upon request.

Many have contributed to this report. First of all midwives and physicians engaged in the obstetric services, whose loyal reporting is essential for the quality and completeness of the information provided by the registration scheme. Also those at the Institute who are engaged in the manual handling of the reports and the coding and punching of the data. Of the many who have been involved over the years and carried out a most valuable work, it seems justified to mention in particular SOLVEIG BAKKETEIG, S.R.N. who from the very start in December 1969 has led the daily work and been responsible for supervising all details of the procedures. It has been a strenuous job requiring never failing interest and enthusiasm.

In the first report it was pointed out that the Institute could not possibly have taken up the work had it not been for the programming services offered by the EDP-Section of the Medical Faculty, and the access to computer services provided by the University of Bergen through its computer center. In developing the file system of the birth register and the necessary programming, credit should especially be given to JOHN A. BAKKEBØ, SVEIN BURKELAND and SVEIN PEDERSEN.

Bergen, April 1972

TOR BJERKEDAL M.D., M.P.H.

INTRODUCTION:

MEDICAL REGISTRATION OF BIRTHS IN NORWAY

The reasons for introducing a new form of medical registration of births in Norway in 1967 were according to MELLBYE (T. norske lægeforening 1967, 87, 1085-1086) :

- 1) to provide a basis for detailed analyses of causes of disease and death in pregnancy, of stillbirths, and of diseases and death among infants, so that new knowledge can promote further prevention,
- 2) to obtain a registration of newborns with congenital malformations and of infants at risk of developing functional disorders, so that these children could be closely observed and, when in need, be given early treatment,
- 3) to make available data for a system of early detection of changes in incidence of certain malformations, so that, if these should occur with an increased frequency, studies of causation could be prompted.

The report form in use in the registration scheme, apart from the usual civic data about parents, calls for information on mother's health before and during pregnancy, on delivery and on the condition of the newborn. Midwives and physicians attending delivery of a foetus of 16 weeks gestation or more are by law requested to issue a report in triplicate.

The three copies are to be sent to the County Health Officer on the ninth day after delivery. Two of the copies are forwarded immediately to local health authorities responsible for the mother and child health programs. One copy of the medical reports received during one calendar month are sent by the County health Officers to The Institute of Hygiene and Social Medicine, University of Bergen the first day of the following month. The direct mailing of the reports to the Institute came into effect by November 1st 1970

as part of a system of monthly surveillance of the incidence of certain congenital malformations. (A detailed description of the system in the Norwegian language is available upon request.) This system has been in operation since January 1st 1971 and in practical terms it means that a full account can be given with a time-lag of no more than 4 to 9 weeks of all births that take place in Norway. A summary of this information is forwarded monthly to central and regional health authorities (3).

The central processing of the reports is aimed at establishing a national medical birth register to include all births since Jan. 1st 1967. Such a register based on electronic data handling techniques and a computerbased file system will be essential to fulfill the object of research in causation of malformations and perinatal mortality. At the present all births in the years 1967 and 1968 are included in the register. Information on births in the year 1969, 1970 and 1971 will soon be through the extensive data check necessary before the births can be entered into the register. A processing system is under development which will permit entry of births into the register on a current basis. This will make it possible to provide summary information about births of greater actuality than is possible today. Moreover, with the reduction in time needed for making the information from the registration scheme available, it will be possible to offer regional and local health authorities a data service that could greatly facilitate a systematic follow-up of children in need of special services and that could be of help in keeping under close observation children at risk. Such a service would contribute to the fulfilment of the intention of the medical birth registration to be of assistance in early diagnosis and treatment of functional disorders of childhood.

The practical usefulness of a data service as outlined and the use of the data in general, is much dependent on the completeness of reporting and the validity of the data collected by a scheme such as that established for medical registration

of births. With respect to completeness of reporting, a linkage of medical and civic registrations for the year 1967, revealed less than 0.1 per cent missing medical registrations. In 1968 the percentage was only half of that in 1967.

With respect to the validity of the data, experience indicates that objective information, such as age of the parents, mothers civil status, parity, birth weight and length of the newborn are registered quite accurately and completely. Thus, for only a few per 1000 births are birth weight and length missing. Also, information about the delivery itself and the obstetric service given would seem to be reasonably valid, especially with respect to whether labour was induced and whether or not there were any interventions.

Of information requested which appears to be recorded with less accuracy and completeness is data concerning mothers' health before and during pregnancy. E.g. maternal diabetes was registered with a frequency of 1.4 per 1000 births (Table 4, page 36), while it is customary to reckon with a frequency of about 2 per 1000 (11).

Neither is a complete registration of congenital malformations to be expected through a system of reporting such as that established for medical registration of births. Besides, a number of congenital conditions are unlikely to be recognized within the few days of observation allowed before the report is to be forwarded; others need time-consuming work-up to be diagnosed. A complete quantitation of malformations is therefore not provided by the registration system. However, the frequency of malformations observable at time of birth would seem from Table 10, page 68, to be similar to those reported by others (5, 8, 9, 14, 16).

An under-reporting of certain diseases and conditions of the mothers and an incomplete registration of congenital malformation, no doubt, means that the various disease frequencies presented in this report are lower than they in fact are. On the other

hand, under-reporting and under-registration becomes less important in certain types of analyses, where the effect is merely a weakening of a statistical association between independent variables and the conditions in question. Neither is it likely that an under-reporting will materially affect an analysis of seasonal variation. Nevertheless, apparent weaknesses of the present registration form and reporting system should be corrected to the extent possible. What can be achieved in this direction would seem not merely to be a question of changing the report form. To no less extent would it seem to depend on the acceptance of the work of The Medical Birth Registry and the success of this work in terms of offering to the health personnel information which is meaningful and useful in their daily work in obstetric and child health care. The present report is a means to this end.

REVIEW OF MATERIAL

The tables included in this report are grouped in three main sections.

SECTION I contains a series of tables aimed at a regional comparison of certain characteristics of the mothers, of the obstetric services provided, and of the conditions of the newborns that are registered.

SECTION II contains tabulations aimed at an analysis of factors of importance for perinatal mortality and survival of infants, such as place of delivery, mother's age and marital status, registered diseases of the mother, complications and interventions during labour, time of birth, gestational age, birth weight, etc.

SECTION III presents an analysis of seasonal variation in number of births, of perinatal and infant mortality, and of some of the factors associated with perinatal mortality, such as prematurity and congenital malformations.

INDEX OF TABLES

SECTION I

This section includes tables numbered from 1 to 11. All these tables are structured to give information about the births according to mother's county of residence. For easy reference, just the type of information provided by each table is given in the list below, not the complete heading.

TABLE NR.		PAGE
1 A	: County of birth, 1967	16
1 B	: County of birth, 1968	20
2 A	: Use of institutions for delivery, 1967	24
2 B	: Use of institutions for delivery, 1968	28
3	: Mother's age, marital status, and parity	32
4	: Registered diseases and other conditions of the mother.	36
5	: Induction of labour	40
6	: Complications during delivery	44
7	: Interventions during delivery	48
8	: Gestational age	52
9 A	: Birth weight, total births	56
9 B	: Birth weight, male births	60
9 C	: Birth weight, female births	64
10	: Registered congenital malformations, diseases, and birth injuries.	68
11	: Frequency of congenital malformations in various groups of newborns.	72

SECTION II

This section includes tables numbered from 12 to 23. All these tables are structured to give information on survival during the first year of life and mortality rates for births grouped according to certain characteristics of the mother, and with respect to conditions related to delivery and the newborns. For easy reference, just the variable selected for the grouping of the births used in each table is given in the list below, not the complete heading.

TABLE NR.		PAGE
12	: County of residence	88
13	: Place of birth	90
14	: Day of week born	92
15	: Hour of day born	94
16	: Mother's age, parity and marital status	96
17	: Disease of the mother	98
18	: Induction of labour and type of induction	102
19	: Complications during delivery	104
20	: Interventions during delivery	108
21 A	: Gestational age - total births	112
21 B	: Gestational age - male births	114
21 C	: Gestational age - female births	116
22 A	: Birth weight - total births	118
22 B	: Birth weight - male births	120
22 C	: Birth weight - female births	122
23	: Congenital malformations, perinatal conditions and birth injuries.	124

SECTION III

This section includes three tables, number 25-27. In these tables births of 1967 and 1968 are grouped according to calendar month of birth. The information about the births that is presented in the tables, will be seen from the list below.

TABLE NR.		PAGE
24	: Survival and mortality	136
25	: Gestational age	138
26	: Birth weight	140

INDEX OF DIAGRAMS		PAGE
DIAGRAM NR.		
1	: Perinatal mortality according to mothers county of residence and year of birth	76
2 A	: Relative perinatal mortality by day of week born.	77
2 B	: Relative number of births by day of week born.	79
3	: Perinatal deaths by gestational age and sex	82
4	: Death at birth by gestational age and sex	83
5	: Neonatal deaths by gestational age and sex	83
6	: Perinatal mortality by sex and birth weight	84
7	: Mortality in relation to time of death and birth weight.	85
8	: Mortality in relation to time of death, birth weight and sex.	85
9	: Relative number of births according to calendar month.	130
10	: Relative perinatal mortality according to calendar month of birth.	131
11	: Seasonal variations in frequency of low birth weights and perinatal mortality.	133
12	: Seasonal variations in frequency of registered congenital malformation and perinatal mortality.	134
13	: Seasonal variations in percentage of 1st borns illegitimate births, and perinatal mortality.	135

SECTION I

TABELL 1A
 FORDELING ETTER FØDESTEDSFYLKE: FOR FØDTE 1967 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	ALLE FØDTE	ANTALL OG PROSENT ETTER FØDESTEDSFYLKE: NUMBER AND PER CENT ACCORDING TO COUNTY							
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS	ØST- FOLD (01)	AKERSHUS SHUS (02)	OSLO (03)	HED- MARK (04)	OPP- LAND (05)	BUSK- ERUD (06)	VEST FOLD (07)	TELE- MARK (08)
01 ØSTFOLD	3557 100.0	3417 96.1	17 0.5	96 2.7	4 0.1	3 0.1	4 0.1	3 0.1	0 0.0
02 AKERSHUS	5526 100.0	55 1.0	3873 70.1	1428 25.8	46 0.8	18 0.3	20 0.4	15 0.3	7 0.1
03 OSLO	6786 100.0	25 0.4	66 1.0	6454 95.1	45 0.7	16 0.2	26 0.4	30 0.4	9 0.1
04 HEDMARK	2628 100.0	1 0.0	6 0.2	57 2.2	2447 93.1	69 2.6	2 0.1	1 0.0	2 0.1
05 OPPLAND	2740 100.0	2 0.1	3 0.1	156 5.7	30 1.1	2344 85.5	174 6.4	2 0.1	3 0.1
06 BUSKERUD	3011 100.0	2 0.1	25 0.8	74 2.5	1 0.0	3 0.1	2870 95.3	9 0.3	8 0.3
07 VEST FOLD	2794 100.0	1 0.0	2 0.1	18 0.6	2 0.1	1 0.0	165 5.9	2573 92.1	14 0.5
08 TELEMARK)	2535 100.0	0 0.0	0 0.0	12 0.5	2 0.1	1 0.0	9 0.4	6 0.2	2462 97.1
09 ALST AGDER	1277 100.0	1 0.1	1 0.1	6 0.5	0 0.0	1 0.1	0 0.0	1 0.1	5 0.4
10 VEST AGDER	2210 100.0	0 0.0	1 0.0	12 0.5	0 0.0	5 0.2	1 0.0	2 0.1	2 0.1
11 ROGALAND	5304 100.0	2 0.0	0 0.0	13 0.2	0 0.0	2 0.0	1 0.0	1 0.0	1 0.0
12 HORDALAND	4918 100.0	1 0.0	1 0.0	6 0.1	2 0.0	5 0.1	3 0.1	0 0.0	1 0.0
13 BERGEN	2221 100.0	0 0.0	0 0.0	6 0.3	2 0.1	3 0.1	2 0.1	3 0.1	3 0.1
14 S. & FJ.	1783 100.0	0 0.0	0 0.0	11 0.6	0 0.0	4 0.2	1 0.1	1 0.1	0 0.0

TABLE 1A
DISTRIBUTION BY COUNTY OF BIRTH=BIRTHS 1967 GROUPED
ACCORDING TO MOTHERS COUNTY OF RESIDENCE

OF BIRTH:

AUST AGDR (09)	VEST AGDR (10)	ROGA LAND (11)	HORD ALD. (12)	BERG EN (13)	SOGN &FJ. (14)	M&R. DAL (15)	SØR- TR.L (16)	NORD TR.L (17)	NORD LAND (18)	TROM S (19)	FINN MARK (20)	(21) (25) (99)
1 0.0	1 0.0	0 0.0	0 0.0	3 0.1	1 0.0	2 0.1	1 0.0	1 0.0	3 0.1	0 0.0	0 0.0	0 0.0
1 0.0	4 0.1	9 0.2	3 0.1	2 0.0	6 0.1	7 0.1	7 0.1	4 0.1	10 0.2	5 0.1	0 0.0	6 0.1
7 0.1	5 0.1	13 0.2	10 0.1	5 0.1	3 0.0	28 0.4	11 0.2	8 0.1	14 0.2	5 0.1	3 0.0	3 0.0
0 0.0	0 0.0	0 0.0	0 0.0	2 0.1	0 0.0	1 0.0	34 1.3	2 0.1	1 0.0	1 0.0	0 0.0	2 0.1
0 0.0	0 0.0	1 0.0	1 0.0	4 0.1	2 0.1	4 0.1	8 0.3	3 0.1	1 0.0	2 0.1	0 0.0	0 0.0
1 0.0	0 0.0	2 0.1	2 0.1	4 0.1	2 0.1	2 0.1	1 0.0	4 0.1	0 0.0	1 0.0	0 0.0	0 0.0
0 0.0	3 0.1	2 0.1	0 0.0	1 0.0	0 0.0	1 0.0	2 0.1	3 0.1	3 0.1	2 0.1	0 0.0	1 0.0
28 1.1	2 0.1	1 0.0	1 0.0	0 0.0	2 0.1	1 0.0	1 0.0	0 0.0	5 0.2	0 0.0	1 0.0	1 0.0
1134 88.8	121 9.5	1 0.1	0 0.0	1 0.1	0 0.0	0 0.0	1 0.1	0 0.0	1 0.1	0 0.0	0 0.0	3 0.2
5 0.2	2155 97.5	14 0.6	3 0.1	3 0.1	0 0.0	1 0.0	0 0.0	0 0.0	2 0.1	3 0.1	0 0.0	1 0.0
1 0.0	101 1.9	5126 96.6	21 0.4	29 0.5	0 0.0	1 0.0	2 0.0	1 0.0	0 0.0	1 0.0	0 0.0	1 0.0
4 0.1	3 0.1	255 5.2	1775 36.1	2827 57.5	13 0.3	9 0.2	2 0.0	0 0.0	5 0.1	4 0.1	2 0.0	0 0.0
0 0.0	1 0.0	6 0.3	238 10.7	1928 86.8	7 0.3	7 0.3	3 0.1	4 0.2	4 0.2	2 0.1	0 0.0	2 0.1
0 0.0	9 0.5	8 0.4	48 2.7	167 9.4	1489 83.5	36 2.0	2 0.1	1 0.1	4 0.2	1 0.1	0 0.0	1 0.1

(CONTINUED)

TABELL 1A (CONT.)
 FORDELING ETTER FØDESTEDSFYLKE:FOR FØDTE 1967 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	ALLE FØDTE	ANTALL OG PROSENT ETTER FØDESTEDSFYLKE: NUMBER AND PER CENT ACCORDING TO COUNTY (
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS	ØST- FOLD (01)	AKER SHUS (02)	OSLO (03)	HED- MARK (04)	OPP- LAND (05)	BUSK ERUD (06)	VEST FOLD (07)	TELE MARK (08))
15 M. & R.DAL	4148	1	5	20	0	5	2	0	1	
	100.0	0.0	0.1	0.5	0.0	0.1	0.0	0.0	0.0	0.0
16 SØR TR.LAG	4155	5	0	11	3	4	2	1	0	
	100.0	0.1	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0
17 NORD TR.LAG	2187	0	1	3	0	1	0	1	0	
	100.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
18 NORDLAND	4780	4	4	17	1	3	0	6	3	
	100.0	0.1	0.1	0.4	0.0	0.1	0.0	0.1	0.1	
19 TROMS	2958	1	3	5	3	2	2	1	0	
	100.0	0.0	0.1	0.2	0.1	0.1	0.1	0.0	0.0	
20 FINNMARK	1806	2	0	11	1	1	0	0	0	
	100.0	0.1	0.0	0.6	0.1	0.1	0.0	0.0	0.0	
25 UTLANDET ABROAD	0									
99 UOPPGITT UNKNOWN	0									
IALT	67324	3520	4008	8416	2589	2491	3284	2656	2521	
TOTAL	100.0	5.2	6.0	12.5	3.8	3.7	4.9	3.9	3.7	

(21) SVALBARD, (25) UTLANDET, ABROAD, (99) UOPPGITT FØDESTEDS-
 FYLKE, COUNTY OF BIRTH UNKNOWN

TABLES 1 A (for births 1967) and 1 B (for births 1968) bring out the geographical distribution of births (by county) according to the mothers' county of residence. For the two years combined a total of 87.7 per cent of the births took place in the same county as the mother resided. The percentage is almost the same in 1967 (88.0) and 1968 (87.3), and is for the separate counties most often more than 90.

TABLE 1A (CONT.)
 DISTRIBUTION BY COUNTY OF BIRTH: BIRTHS 1967 GROUPED
 ACCORDING TO MOTHERS COUNTY OF RESIDENCE

OF BIRTH:													(21)
AUST	VEST	ROGA	HORD	BERG	SOGN	M&R.	SØR-	NORD	NORD	TROM	FINN	(25)	
AGCR	AGDR	LAND	ALD.	EN	ØFJ.	DAL	TR.L	TR.L	LAND	S	MARK	(25)	
(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(99)	
0	2	3	2	10	22	4006	57	6	3	1	1	1	
0.0	0.0	0.1	0.0	0.2	0.5	96.6	1.4	0.1	0.1	0.0	0.0	0.0	
2	1	5	4	2	3	11	4006	73	14	3	2	3	
0.0	0.0	0.1	0.1	0.0	0.1	0.3	96.4	1.8	0.3	0.1	0.0	0.1	
0	2	2	1	2	0	2	59	2107	4	1	1	0	
0.0	0.1	0.1	0.0	0.1	0.0	0.1	2.7	96.3	0.2	0.0	0.0	0.0	
0	2	3	1	4	2	3	27	37	4582	71	7	3	
0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.6	0.8	95.9	1.5	0.1	0.1	
0	1	1	1	2	0	1	2	1	135	2779	16	2	
0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	4.6	93.9	0.5	0.1	
4	0	1	2	2	0	2	4	3	10	34	1729	0	
0.2	0.0	0.1	0.1	0.1	0.0	0.1	0.2	0.2	0.6	1.9	95.7	0.0	
1188	2413	5453	2113	4998	1552	4125	4230	2258	4801	2916	1762	30	
1.8	3.6	8.1	3.1	7.4	2.3	6.1	6.3	3.4	7.1	4.3	2.6	0.0	

TABELL 1B
 FORDELING ETTER FØDESTEDSFYLKE: FOR FØDTE 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	ALLE FØDTE	ANTALL OG PROSENT ETTER FØDESTEDSFYLKE: NUMBER AND PER CENT ACCORDING TO COUNTY							
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS	ØST- FOLD (01)	AKERSHUS SHUS (02)	OSLO (03)	HED- MARK (04)	OPP- LAND (05)	BUSK ERUD (06)	VEST FOLD (07)	TELE MARK (08)
01 ØSTFOLD	3571 100.0	3430 96.1	12 0.3	82 2.3	6 0.2	3 0.1	7 0.2	3 0.1	3 0.1
02 AKERSHUS	5804 100.0	46 0.8	4154 71.6	1389 23.9	44 0.8	21 0.4	33 0.6	10 0.2	12 0.2
03 OSLO	7238 100.0	38 0.5	166 2.3	6622 91.5	68 0.9	47 0.6	50 0.7	38 0.5	26 0.4
04 HEDMARK	2548 100.0	2 0.1	11 0.4	52 2.0	2377 93.3	64 2.5	4 0.2	3 0.1	1 0.0
05 OPPLAND	2740 100.0	4 0.1	9 0.3	118 4.3	20 0.7	2370 86.5	186 6.8	3 0.1	0 0.0
06 BUSKERUD	3168 100.0	2 0.1	25 0.8	64 2.0	2 0.1	6 0.2	3026 95.5	9 0.3	6 0.2
07 VEST FOLD	2790 100.0	1 0.0	4 0.1	20 0.7	3 0.1	3 0.1	182 6.5	2541 91.1	12 0.4
08 TELEMARK)	2448 100.0	2 0.1	1 0.0	23 0.9	3 0.1	3 0.1	8 0.3	9 0.4	2351 96.0
09 AUST AGDER	1270 100.0	2 0.2	0 0.0	4 0.3	0 0.0	1 0.1	0 0.0	1 0.1	5 0.4
10 VEST AGDER	2221 100.0	1 0.0	2 0.1	16 0.7	0 0.0	3 0.1	2 0.1	2 0.1	4 0.2
11 ROGALAND	5310 100.0	0 0.0	4 0.1	10 0.2	3 0.1	1 0.0	3 0.1	5 0.1	1 0.0
12 HORDALAND	5006 100.0	1 0.0	7 0.1	18 0.4	1 0.0	1 0.0	5 0.1	2 0.0	1 0.0
13 BERGEN	2074 100.0	2 0.1	0 0.0	4 0.2	0 0.0	1 0.0	4 0.2	1 0.0	1 0.0
14 S. & FJ.	1686 100.0	2 0.1	2 0.1	6 0.4	0 0.0	2 0.1	3 0.2	1 0.1	1 0.1

TABLE 1B
DISTRIBUTION BY COUNTY OF BIRTH: BIRTHS 1968 GROUPED
ACCORDING TO MOTHERS COUNTY OF RESIDENCE

OF BIRTH:

AUST AGDR (09)	VEST AGDR (10)	ROGA LAND (11)	HORD ALD. (12)	BERG EN (13)	SOGN &FJ. (14)	M&R. DAL (15)	SØR- TR.L (16)	NORD TR.L (17)	NORD LAND (18)	TROM S (19)	FINN MARK (20)	(21) (25) (99)
1 0.0	0 0.0	2 0.1	0 0.0	3 0.1	0 0.0	6 0.2	2 0.1	2 0.1	1 0.0	1 0.0	2 0.1	5 0.1
5 0.1	2 0.0	5 0.1	1 0.0	18 0.3	4 0.1	7 0.1	15 0.3	10 0.2	8 0.1	2 0.0	11 0.2	7 0.1
6 0.1	9 0.1	20 0.3	8 0.1	18 0.2	3 0.0	30 0.4	27 0.4	14 0.2	24 0.3	10 0.1	2 0.0	12 0.2
0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	3 0.1	26 1.0	2 0.1	1 0.0	1 0.0	0 0.0	1 0.0
1 0.0	0 0.0	4 0.1	2 0.1	0 0.0	3 0.1	4 0.1	8 0.3	4 0.1	2 0.1	2 0.1	0 0.0	0 0.0
0 0.0	5 0.2	2 0.1	5 0.2	4 0.1	3 0.1	1 0.0	1 0.0	2 0.1	0 0.0	1 0.0	3 0.1	1 0.0
3 0.1	3 0.1	2 0.1	1 0.0	4 0.1	0 0.0	4 0.1	3 0.1	1 0.0	2 0.1	0 0.0	0 0.0	1 0.0
26 1.1	4 0.2	2 0.1	2 0.1	1 0.0	0 0.0	3 0.1	1 0.0	2 0.1	3 0.1	1 0.0	0 0.0	3 0.1
1143 90.0	103 8.1	3 0.2	0 0.0	1 0.1	0 0.0	1 0.1	0 0.0	0 0.0	1 0.1	1 0.1	0 0.0	4 0.3
13 0.6	2154 97.0	11 0.5	2 0.1	1 0.0	0 0.0	3 0.1	0 0.0	0 0.0	2 0.1	2 0.1	1 0.0	2 0.1
2 0.0	99 1.9	5131 96.6	15 0.3	21 0.4	2 0.0	3 0.1	1 0.0	2 0.0	2 0.0	1 0.0	2 0.0	2 0.0
1 0.0	3 0.1	273 5.5	1881 37.6	2776 55.5	7 0.1	7 0.1	3 0.1	2 0.0	8 0.2	3 0.1	3 0.1	3 0.1
0 0.0	2 0.1	12 0.6	293 14.1	1724 83.1	4 0.2	7 0.3	3 0.1	4 0.2	5 0.2	3 0.1	3 0.1	1 0.0
2 0.1	1 0.1	4 0.2	52 3.1	191 11.3	1323 78.5	89 5.3	5 0.3	1 0.1	1 0.1	0 0.0	0 0.0	0 0.0

(CONTINUED)

TABELL 1B
 FORDELING ETTER FØDESTEDSFYLKE: FOR FØDTE 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	ALLE FØDTE	ANTALL OG PROSENT ETTER FØDESTEDSFYLKE: NUMBER AND PER CENT ACCORDING TO COUNTY							
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS	ØST- FOLD (01)	AKER SHUS (02)	OSLO (03)	HED- MARK (04)	OPP- LAND (05)	BUSK ERUD (06)	VEST FOLD (07)	TELE MARK (08)
15 M. & R. DAL	4279 100.0	1 0.0	6 0.1	23 0.5	2 0.0	1 0.0	1 0.0	3 0.1	1 0.0
16 SØR TR. LAG	4384 100.0	1 0.0	2 0.0	20 0.5	4 0.1	4 0.1	3 0.1	4 0.1	2 0.0
17 NORD TR. LAG	2209 100.0	1 0.0	4 0.2	5 0.2	0 0.0	2 0.1	0 0.0	1 0.0	0 0.0
18 NORDLAND	4814 100.0	3 0.1	0 0.0	33 0.7	1 0.0	4 0.1	2 0.0	1 0.0	0 0.0
19 TROMS	2998 100.0	2 0.1	5 0.2	11 0.4	3 0.1	3 0.1	4 0.1	2 0.1	3 0.1
20 FINNMARK	1843 100.0	1 0.1	1 0.1	10 0.5	2 0.1	2 0.1	4 0.2	1 0.1	2 0.1
25 UTLANDET ABROAD	2 100.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	1 50.0	0 0.0
99 UOPPGITT UNKNOWN	4 100.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
IALT TOTAL	68407 100.0	3542 5.2	4415 6.5	8530 12.5	2539 3.7	2542 3.7	3527 5.2	2641 3.9	2432 3.6

(21) SVALBARD, (25) UTLANDET, ABROAD, (99) UOPPGITT FØDESTEDSFYLKE, COUNTY OF BIRTH UNKNOWN

TABLE 1B (CONT.)
 DISTRIBUTION BY COUNTY OF BIRTH:BIRTHS 1968 GROUPED
 ACCORDING TO MOTHERS COUNTY OF RESIDENCE

OF BIRTH:

AUST (09)	VEST (10)	ROGA LAND (11)	HORD ALD. (12)	BERG EN (13)	SOGN &FJ. (14)	M&R. DAL (15)	SØR- TR.L (16)	NORD TR.L (17)	NURD LAND (18)	TROM S (19)	FINN MARK (20)	(21) (25) (99)
1	1	3	1	12	16	4124	68	7	7	0	0	1
0.0	0.0	0.1	0.0	0.3	0.4	96.4	1.6	0.2	0.2	0.0	0.0	0.0
1	3	4	2	5	0	29	4202	68	16	5	3	6
0.0	0.1	0.1	0.0	0.1	0.0	0.7	95.8	1.6	0.4	0.1	0.1	0.1
0	0	0	2	2	0	1	61	2124	2	2	1	1
0.0	0.0	0.0	0.1	0.1	0.0	0.0	2.8	96.2	0.1	0.1	0.0	0.0
0	2	6	2	10	0	10	17	45	4566	97	10	5
0.0	0.0	0.1	0.0	0.2	0.0	0.2	0.4	0.9	94.8	2.0	0.2	0.1
0	1	6	1	2	1	6	4	3	154	2769	17	1
0.0	0.0	0.2	0.0	0.1	0.0	0.2	0.1	0.1	5.1	92.4	0.6	0.0
0	4	0	0	4	0	3	6	6	18	49	1730	0
0.0	0.2	0.0	0.0	0.2	0.0	0.2	0.3	0.3	1.0	2.7	93.9	0.0
0	0	0	0	1	0	0	0	0	0	0	0	0
0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0	0	0	0	0	0	0	0	0	0	0	4
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
1205	2396	5490	2270	4798	1366	4341	4453	2299	4823	2950	1788	60
1.8	3.5	8.0	3.3	7.0	2.0	6.3	6.5	3.4	7.1	4.3	2.6	0.1

TABELL 2A
 TYPE AV FØDESTED: FOR FØDTE 1967 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

BOSTEDSFYLKE	FØDTE IALT:		ANTALL OG PROSENT	
	ANTALL	PROSENT	I INST.	UNIV.SH.
	=100.0		IALT	(1,2)
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS:	PERCENT	NUMBER AND PERCENT	
	NUMBER		TOTAL	UNIV.
	=100.0		IN INST.	HOSPITAL
01 ØSTFOLD.....	3557	5.3	3551	94
	100.0		99.8	2.6
02 AKERSHUS.....	5526	8.2	5503	1302
	100.0		99.6	23.6
03 OSLO.....	6786	10.1	6767	5398
	100.0		99.7	79.5
04 HEDMARK.....	2628	3.9	2605	60
	100.0		99.1	2.3
05 OPPLAND.....	2740	4.1	2690	160
	100.0		98.2	5.8
06 BUSKERUD.....	3011	4.5	2962	76
	100.0		98.4	2.5
07 VESTFOLD.....	2794	4.2	2779	21
	100.0		99.5	0.8
08 TEL EMARK.....	2535	3.8	2516	11
	100.0		99.3	0.4
09 AUSTAGDER.....	1277	1.9	1265	8
	100.0		99.1	0.6
10 VESTAGDER.....	2210	3.3	2193	14
	100.0		99.2	0.6
11 ROGALAND.....	5304	7.9	5188	42
	100.0		97.8	0.8
12 HORDALAND.....	4918	7.3	4694	2474
	100.0		95.4	50.3
13 BERGEN.....	2221	3.3	2211	1663
	100.0		99.5	74.9
14 SOGN OG FJ.....	1783	2.6	1692	164
	100.0		94.9	9.2

TABLE 2A
 INSTITUTION/OTHER PLACE OF BIRTH:BIRTHS 1967 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

ETTER TYPE AV FØDESTED:						
=>3DELTA	ANDRE	SYKE/FØDE	UTENFOR	HJEMME	ANNET STED	UCPPGITT
SH.(3)	SH.(4,6)	ST.(5,7,8)	INST.+INA	(9)	(0,U)	INA(-,I)
BY INSTITUTION/OTHER PLACE OF BIRTH:						
REGIONAL	OTHER	NURSING	OUTSIDE	AT	OTHER	UNKNOWN
HOSPITAL	HOSP.	HOMES	INST.+NUD	HOME	PLACE	NUD.
396	2705	356	6	5	1	0
11.1	76.0	10.0	0.2	0.1	0.0	0.0
2787	193	1221	23	6	8	9
50.4	3.5	22.1	0.4	0.1	0.1	0.2
234	1097	38	19	4	9	6
3.4	16.2	0.6	0.3	0.1	0.1	0.1
2241	273	31	23	15	6	2
85.3	10.4	1.2	0.9	0.6	0.2	0.1
1970	13	547	50	40	8	2
71.9	0.5	20.0	1.8	1.5	0.3	0.1
1899	9	978	49	39	8	2
63.1	0.3	32.5	1.6	1.3	0.3	0.1
2611	4	143	15	10	3	2
93.5	0.1	5.1	0.5	0.4	0.1	0.1
2212	192	101	19	5	9	5
87.3	7.6	4.0	0.7	0.2	0.4	0.2
1134	13	110	12	6	3	3
88.8	1.0	8.6	0.9	0.5	0.2	0.2
51	844	1284	17	14	2	1
2.3	38.2	58.1	0.8	0.6	0.1	0.0
2895	1164	1087	116	81	32	3
54.6	21.9	20.5	2.2	1.5	0.6	0.1
736	615	869	224	192	30	2
15.0	12.5	17.7	4.6	3.9	0.6	0.0
40	436	72	10	4	2	4
1.8	19.6	3.2	0.5	0.2	0.1	0.2
380	555	593	91	80	9	2
21.3	31.1	33.3	5.1	4.5	0.5	0.1

(CONTINUED)

TABELL 2A (CONT.)
 TYPE AV FØDESTED: FOR FØDTE 1967 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

BOSTEDSFYLKE	FØDTE IALT:		ANTALL OG PROSENT	
	ANTALL =100.0	PROSENT	I INST. IALT	UNIV.SH. (1,2)
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS: NUMBER =100.0	PERCENT	NUMBER AND PERCENT TOTAL IN INST.HOSPITAL	UNIV.
15 MØRE OG R.DAL.....	4148 100.0	6.2	3998 96.4	53 1.3
16 SØR-TR.LAG.....	4155 100.0	6.2	4098 98.6	2687 64.7
17 NORD-TR.LAG.....	2187 100.0	3.2	2154 98.5	59 2.7
18 NORDLAND.....	4780 100.0	7.1	4578 95.8	40 0.8
19 TROMS.....	2958 100.0	4.4	2862 96.8	8 0.3
20 FINNMARK.....	1806 100.0	2.7	1766 97.8	17 0.9
25 UTLANDET..... RESIDENCE ABROAD	0			
99 UOPPGITT..... UNKNOWN	0			
IALT..... TOTAL	67324 100.0	100.0	66072 98.1	14351 21.3

TABLES 2A (for births 1967) and 2B (for births 1968) reveal that only 1000-1200 births take place each year outside an institution and, that of these births about 800-900 take place in the homes. The percentage of births taking place in an institution was 98.1 in 1967 and 98.5 in 1968. The percentage was highest in the eastern and southern parts of Norway, lowest in the western and northern parts.

The majority of the births took place in a county hospital (regional hospital). About 20 per cent of the babies were delivered in a university clinic. The classification of institu-

TABLE 2A (CONT.)
 INSTITUTION/OTHER PLACE OF BIRTH: BIRTHS 1967 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

ETTER TYPE AV FØDESTED:						
=>3DELT SH.(3)	ANDRE SH.(4,6)	SYKE/FØDE ST.(5,7,8)	UTENFOR INST.+INA	HJEMME (9)	ANNET STED (0,U)	UOPPGITT INA(-,I)
BY INSTITUTION/OTHER PLACE OF BIRTH:						
REGIONAL HOSPITAL	OTHER HOSP.	NURSING HOMES	OUTSIDE INST.+NUD	AT HOME	OTHER PLACE	UNKNOWN NUD.
2811 67.8	531 12.8	603 14.5	150 3.6	139 3.4	7 0.2	4 0.1
100 2.4	824 19.8	487 11.7	57 1.4	37 0.9	6 0.1	14 0.3
1757 80.3	6 0.3	332 15.2	33 1.5	23 1.1	10 0.5	0 0.0
3181 66.5	45 0.9	1312 27.4	202 4.2	180 3.8	19 0.4	3 0.1
2206 74.6	6 0.2	642 21.7	96 3.2	84 2.8	11 0.4	1 0.0
465 25.7	506 28.0	778 43.1	40 2.2	30 1.7	10 0.6	0 0.0
30106 44.7	10031 14.9	11584 17.2	1252 1.9	994 1.5	193 0.3	65 0.1

tions used is based more on administrative criteria and does not necessarily reflect differences in obstetric care. A classification of type of obstetric care offered by the various institutions will be made possible by the collection of relevant information made by The National Health Services per January 1st 1972 from the institutions in question.

TABELL 2B
 TYPE AV FØDESTED: FOR FØDTE 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

BOSTEDSFYLKE	FØDTE IALT:		ANTALL OG PROSENT	
	ANTALL	PROSENT	I INST. UNIV.SH.	(1,2)
	=100.0		IALT	
MOTHERS COUNTY	TOTAL BIRTHS:		NUMBER AND PERCENT	
OF	NUMBER	PERCENT	TOTAL	UNIV.
RESIDENCE	=100.0		IN INST. HOSPITAL	
01 ØSTFOLD.....	3571	5.2	3560	82
	100.0		99.7	2.3
02 AKERSHUS.....	5804	8.5	5775	1163
	100.0		99.5	20.0
03 OSLO.....	7238	10.6	7213	5328
	100.0		99.7	73.6
04 HEDMARK.....	2548	3.7	2528	49
	100.0		99.2	1.9
05 OPPLAND.....	2740	4.0	2704	118
	100.0		98.7	4.3
06 BUSKERUD.....	3168	4.6	3137	63
	100.0		99.0	2.0
07 VESTFOLD.....	2790	4.1	2777	23
	100.0		99.5	0.8
08 TELEMARK.....	2448	3.6	2436	22
	100.0		99.5	0.9
09 AUSTAGDER.....	1270	1.9	1258	4
	100.0		99.1	0.3
10 VESTAGDER.....	2221	3.2	2193	16
	100.0		98.7	0.7
11 ROGALAND.....	5310	7.8	5201	31
	100.0		97.9	0.6
12 HORDALAND.....	5006	7.3	4848	2371
	100.0		96.8	47.4
13 BERGEN.....	2074	3.0	2059	1421
	100.0		99.3	68.5
14 SOGN OG FJ.....	1686	2.5	1629	184
	100.0		96.6	10.9

TABLE 2B
 INSTITUTION/OTHER PLACE OF BIRTH:BIRTHS 1968 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

ETTER TYPE AV FØDESTED:						
=>3DELT SH.(3)	ANDRE SH.(4,6)	SYKE/FØDE ST.(5,7,8)	UTENFOR INST.+INA	HJEMME (9)	ANNET STED (0,U)	UOPPGITT INA(-,I)
BY INSTITUTION/OTHER PLACE OF BIRTH:						
REGIONAL HOSPITAL	OTHER HOSP.	NURSING HOMES	OUTSIDE INST.+NUD	AT HOME	OTHER PLACE	UNKNOWN NUD.
452 12.7	2688 75.3	338 9.5	11 0.3	1 0.0	5 0.1	5 0.1
3129 53.9	301 5.2	1182 20.4	29 0.5	10 0.2	12 0.2	7 0.1
373 5.2	1384 19.1	128 1.8	25 0.3	6 0.1	8 0.1	11 0.2
2200 86.3	264 10.4	15 0.6	20 0.8	15 0.6	4 0.2	1 0.0
2027 74.0	16 0.6	543 19.8	36 1.3	29 1.1	7 0.3	0 0.0
1933 61.0	12 0.4	1129 35.6	31 1.0	24 0.8	6 0.2	1 0.0
2585 92.7	9 0.3	160 5.7	13 0.5	10 0.4	3 0.1	0 0.0
2120 86.6	197 8.0	97 4.0	12 0.5	5 0.2	4 0.2	3 0.1
1147 90.3	11 0.9	96 7.6	12 0.9	4 0.3	4 0.3	4 0.3
86 3.9	735 33.1	1356 61.1	28 1.3	24 1.1	2 0.1	2 0.1
2971 56.0	1173 22.1	1026 19.3	109 2.1	99 1.9	8 0.2	2 0.0
720 14.4	847 16.9	910 18.2	158 3.2	147 2.9	8 0.2	3 0.1
34 1.6	550 26.5	54 2.6	15 0.7	8 0.4	6 0.3	1 0.0
334 19.8	555 32.9	556 33.0	57 3.4	51 3.0	6 0.4	0 0.0

(CONTINUED)

TAEELL 2B (CONT.)

 TYPE AV FØDESTED: FØR FØDTE 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

BOSTEDSFYLKE	FØDTE IALT:		ANTALL OG PROSENT	
	ANTALL =100.0	PROSENT	I INST. IALT	UNIV.SH. (1,2)
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS: NUMBER =100.0	PERCENT	NUMBER AND PERCENT TOTAL UNIV. IN INST.HOSPITAL	
15 MØRE OG R.DAL.....	4279 100.0	6.3	4124 96.4	57 1.3
16 SØR-TR.LAG.....	4384 100.0	6.4	4356 99.4	2951 67.3
17 NORD-TR.LAG.....	2209 100.0	3.2	2190 99.1	66 3.0
18 NORDLAND.....	4814 100.0	7.0	4658 96.8	51 1.1
19 TROMS.....	2998 100.0	4.4	2945 98.2	15 0.5
20 FINNMARK.....	1843 100.0	2.7	1810 98.2	18 1.0
25 UTLANDET..... RESIDENCE ABROAD	2 100.0	0.0	2 100.0	1 50.0
99 UOPPGITT..... UNKNOWN	4 100.0	0.0	0 0.0	0 0.0
IALT..... TOTAL	68407 100.0	100.0	67403 98.5	14034 20.5

TABLE 2B (CONT.)

 INSTITUTION/OTHER PLACE OF BIRTH: BIRTHS 1968 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

ETTER TYPE AV FØDESTED:

 =>3DELT ANDRE SYKE/FØDE UTENFOR HJEMME ANNET STED UOPPGITT
 SH.(3) SH.(4,6) ST.(5,7,8) INST.+INA (9) (0,U) INA(-,I)

BY INSTITUTION/OTHER PLACE OF BIRTH:

 REGIONAL OTHER NURSING OUTSIDE AT OTHER UNKNOWN
 HOSPITAL HOSP. HOMES INST.+NUD HOME PLACE NUD.

2958	537	572	155	148	6	1
69.1	12.5	13.4	3.6	3.5	0.1	0.0
114	816	475	28	18	5	5
2.6	18.6	10.8	0.6	0.4	0.1	0.1
1799	2	323	19	10	8	1
81.4	0.1	14.6	0.9	0.5	0.4	0.0
3585	43	979	156	134	18	4
74.5	0.9	20.3	3.2	2.8	0.4	0.1
2257	7	666	53	41	10	2
75.3	0.2	22.2	1.8	1.4	0.3	0.1
518	526	748	33	23	10	0
28.1	28.5	40.6	1.8	1.2	0.5	0.0
1	0	0	0	0	0	0
50.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0	0	4	0	0	4
0.0	0.0	0.0	100.0	0.0	0.0	100.0
31343	10673	11353	1004	807	140	57
45.8	15.6	16.6	1.5	1.2	0.2	0.1

TABELL 3
 ANTALL OG PROSENT FØDTE ETTER MORENS ALDER OG SIVILSTATUS,
 OG ETTER PARITET: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	TOTAL ANTALL FØDTE	MORENS UOPP- GITT	MORENS ALDER (ÅR = FØDEÅR - FØDSELSÅR): UNDER 20 ÅR	20-24 ÅR	25-29 ÅR	30-34 ÅR	35-39 ÅR
MOTHERS COUNTY OF RESIDENCE	TOTAL NUMBER BIRTHS	MOTHERS UN- KNOWN	MOTHERS AGE (YEARS = BIRTH YEAR - YEAR BORN): <20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
01 ØSTFOLD	7128	0 0.0	625 8.8	2777 39.0	1953 27.4	1044 14.6	576 8.1
02 AKERSHUS	11330	0 0.0	647 5.7	3902 34.4	3575 31.6	1975 17.4	929 8.2
03 OSLO	14024	1 0.0	783 5.6	5236 37.3	4503 32.1	2193 15.6	992 7.1
04 HEDMARK	5176	0 0.0	417 8.1	1918 37.1	1414 27.3	825 15.9	421 8.1
05 OPPLAND	5480	0 0.0	372 6.8	2138 39.0	1520 27.7	798 14.6	462 8.4
06 BUSKERUD	6179	0 0.0	448 7.3	2504 40.5	1701 27.5	912 14.8	445 7.2
07 VESTFOLD	5584	0 0.0	423 7.6	2176 39.0	1564 28.0	840 15.0	420 7.5
08 TELEMARK	4983	0 0.0	423 8.5	2046 41.1	1241 24.9	715 14.3	386 7.7
09 AUSTAGDER	2547	0 0.0	186 7.3	913 35.8	698 27.4	420 16.5	231 9.1
10 VESTAGDER	4431	0 0.0	247 5.6	1528 34.5	1322 29.8	739 16.7	418 9.4
11 ROGALAND	10614	0 0.0	683 6.4	3858 36.3	3044 28.7	1708 16.1	945 8.9
12 HORDALAND	9924	0 0.0	518 5.2	3432 34.6	2934 29.6	1654 16.7	958 9.7
13 BERGEN	4295	0 0.0	229 5.3	1664 38.7	1305 30.4	687 16.0	314 7.3
14 SOGN OG FJ.	3469	0 0.0	175 5.0	1115 32.1	931 26.8	616 17.8	421 12.1

TABLE 3
 NUMBER AND PERCENT OF BIRTHS ACCORDING TO MOTHERS AGE AND MARI-
 TAL STATUS, AND PARITY: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
 MOTHERS COUNTY OF RESIDENCE

40-44		45 AR	GJ.SN.	FORDELING ETTER PARITET:				GJ.SN.	FØDTE
AR	OG	MER	ALDER	1.	2.	3.	=>4.	PARITET	U. EKTE
				BARN	BARN	BARN	BARN	SKAP	
40-44		=>45	MEAN	DISTRIBUTION BY PARITY:				MEAN	IL-
YEARS	YEARS	AGE	1ST	2ND	3RD	=>4TH	PARITY	LEGIT-	
				CHILD	CHILD	CHILD	CHILD	IMATE	
139	14	26.1	2728	2326	1266	808	2.1	286	
2.0	0.2		38.3	32.6	17.8	11.3		4.0	
286	16	26.8	4507	3735	1974	1110	2.0	388	
2.5	0.1		39.8	33.0	17.4	9.8		3.4	
292	24	26.4	6987	4544	1833	657	1.7	985	
2.1	0.2		49.8	32.4	13.1	4.7		7.0	
168	13	26.5	1945	1565	975	691	2.2	275	
3.2	0.3		37.6	30.2	18.8	13.4		5.3	
177	13	26.5	2031	1665	986	797	2.2	258	
3.2	0.2		37.1	30.4	18.0	14.5		4.7	
146	23	26.1	2573	1976	1049	581	2.0	225	
2.4	0.4		41.6	32.0	17.0	9.4		3.6	
156	5	26.2	2169	1733	1016	666	2.1	182	
2.8	0.1		38.8	31.0	18.2	11.9		3.3	
159	13	26.1	1860	1581	872	670	2.1	190	
3.2	0.3		37.3	31.7	17.5	13.4		3.8	
87	12	26.8	899	694	526	428	2.3	101	
3.4	0.5		35.3	27.2	20.7	16.8		4.0	
159	18	27.1	1459	1330	896	746	2.3	139	
3.6	0.4		32.9	30.0	20.2	16.8		3.1	
345	31	26.8	3558	3074	2123	1858	2.3	270	
3.3	0.3		33.5	29.0	20.0	17.5		2.5	
392	36	27.2	3356	2757	1950	1861	2.4	278	
4.0	0.4		33.8	27.8	19.6	18.8		2.8	
90	6	26.4	1841	1326	698	429	2.0	218	
2.1	0.1		42.9	30.9	16.3	10.0		5.1	
189	22	27.9	1050	925	676	817	2.6	81	
5.4	0.6		30.3	26.7	19.5	23.6		2.3	

(CONTINUED)

TABELL 3 (CONT.)
 ANTALL OG PROSENT FØDTE ETTER MORENS ALDER OG SIVILSTATUS,
 OG ETTER PARITET: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	TOTAL ANTALL FØDTE	MORENS UDPP- GITT	MORENS ALDER (ÅR=FØDEÅR-FØDSELSÅR): UNDER 20 ÅR	20-24 ÅR	25-29 ÅR	30-34 ÅR	35-39 ÅR
MOTHERS COUNTY OF RESIDENCE	TOTAL NUMBER BIRTHS	MOTHERS UN- KNOWN	AGE (YEARS=BIRTHYEAR-YEAR BORN): <20 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS
15 MØRE-R.DAL	8427	0 0.0	578 6.9	3083 36.6	2250 26.7	1302 15.5	845 10.0
16 SØR-TR.LAG	8539	0 0.0	611 7.2	3442 40.3	2379 27.9	1155 13.5	662 7.8
17 NORD-TR.LAG	4396	0 0.0	347 7.9	1648 37.5	1241 28.2	536 13.6	390 8.9
18 NORDLAND	9594	0 0.0	735 7.7	3660 38.1	2471 25.8	1455 15.2	885 9.2
19 TROMS	5956	0 0.0	489 8.2	2294 38.5	1531 25.7	863 14.8	504 8.5
20 FINNMARK	3649	0 0.0	329 9.0	1400 38.4	926 25.4	513 14.1	329 9.0
25 UTLANDET ABROAD	2	0 0.0	0 0.0	1 50.0	1 50.0	0 0.0	0 0.0
99 UDPPGITT UNKNOWN	4	4 100.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
IALT TOTAL	135731	5 0.0	9265 6.8	50735 37.4	38504 28.4	21030 15.5	11533 8.5

From TABLE 3 it will be apparent that the average age of the women that gave birth in 1967 and 1968 was 26.6 years, that the average parity was 2.3 and that 5.5 per cent of the newborns were born out of wedlock.

The average age of the mothers varied from 26.1 years in the counties of Ostfold, Buskerud and Telemark, to 27.9 years in the county of Sogn & Fjordane. The highest relative number of mothers less than 20 years of age occurred in the county of Finnmark, while the county of Sogn & Fjordane had the highest

TABLE 3 (CONT.)
 NUMBER AND PERCENT OF BIRTHS ACCORDING TO MOTHERS AGE AND MARITAL STATUS, AND PARITY: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO MOTHERS COUNTY OF RESIDENCE

			FORDELING ETTER PARITET:				FØDTE		
40-44	45 ÅR	GJ.SN.	1.	2.	3.	=>4.	GJ.SN.	U.EKTE	
ÅR	OG MER	ALDER	BARN	BARN	BARN	BARN	PARITET	SKAP	
			DISTRIBUTION BY PARITY:					IL-	
40-44	=>45	MEAN	1ST	2ND	3RD	=>4TH	MEAN	LEGIT-	
YEARS	YEARS	AGE	CHILD	CHILD	CHILD	CHILD	PARITY	IMATE	
332	37	26.9	2903	2255	1662	1607	2.4	343	
3.9	0.4		34.4	26.8	19.7	19.1		4.1	
257	33	26.3	3334	2515	1477	1213	2.2	521	
3.0	0.4		39.0	29.5	17.3	14.2		6.1	
156	18	26.5	1461	1217	869	849	2.4	279	
3.5	0.4		33.2	27.7	19.8	19.3		6.3	
348	40	26.6	3204	2616	1868	1905	2.4	1046	
3.6	0.4		33.4	27.3	19.5	19.9		10.9	
226	29	26.5	2090	1645	1043	1178	2.4	789	
3.8	0.5		35.1	27.6	17.5	19.8		13.2	
132	20	26.4	1255	908	628	857	2.6	583	
3.6	0.5		34.4	24.9	17.2	23.5		16.0	
0	0	25.5	1	1	0	0	1.5	0	
0.0	0.0		50.0	50.0	0.0	0.0		0.0	
0	0	0.0	0	0	0	0	0.0	0	
0.0	0.0		0.0	0.0	0.0	0.0		0.0	
4236	423	26.6	51211	40388	24387	19728	2.2	7437	
3.1	0.3		37.7	29.8	18.0	14.5		5.5	

relative number of mothers over 40 years.

The average parity was the highest in the county of Sogn & Fjordane and about 25 per cent of the births were the fourth or later child. By comparison less than 5 per cent of births to mothers residing in Oslo were the fourth or later child. Frequency of births outside wedlock varied greatly between counties, from 16.0 per cent in the county of Finnmark to 2.3 per cent in the county of Sogn & Fjordane.

TABELL 4
 ANTALL OG HYPPIGHET AV FØDTE MED OPPLYSNING OM SYKDOM OG ANDRE
 TILSTANDER HOS MOREN: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTED FYLKE	ANTALL FØDTE IALT	FØDTE M. REG.SYKD HOS MOR ANTALL & PR.1000	TOTAL ANTALL DIAGN.	FORDELING AV CIA- NEVR. PSYK. CARD. LUNGE SYKD. INKL. TBC.	DIAGNOSER	PÅ 16 LUNGE SYKD. INKL. TBC.		
MOTHERS COUNTY OF RESIDENCE	TOTAL NUMBER OF BIRTHS	NEWBORNS C/REG. DIS. DF MOTHER NUMBER & PER 1000	TOTAL NUMBER OF DIAGN.	DISTRIBUTION OF DIA. DIS. MEN- BET- OF TAL ES NERV- DIS. SYST. DIS. (61) (62) (63)	DIAGNOSES IN CARD. LUNG VASC. DIS. (64) (65)	INCL. TB		
01 ØST- FOLD	7128	991 139.0	1337	5 0.7	48 6.7	57 8.0	19 2.7	52 7.3
02 AKER- SHUS	11330	1853 163.5	2425	17 1.5	64 5.6	70 6.2	25 2.2	92 8.1
03 OSLO	14024	3190 227.5	4269	19 1.4	162 11.6	112 8.0	95 6.8	143 10.2
04 HED- MARK	5176	572 110.5	707	5 1.0	19 3.7	28 5.4	7 1.4	29 5.6
05 OPP- LAND	5480	698 127.4	840	18 3.3	39 7.1	13 2.4	14 2.6	22 4.0
06 BUSK- ERUD	6179	918 148.6	1134	9 1.5	47 7.6	40 6.5	28 4.5	43 7.0
07 VEST- FOLD	5584	1083 193.9	1381	9 1.6	53 9.5	78 14.0	23 4.1	35 6.3
08 TELE- MARK	4983	694 139.3	879	9 1.8	33 6.6	29 5.8	15 3.0	31 6.2
09 AUST- AGDER	2547	360 141.3	440	5 2.0	9 3.5	12 4.7	6 2.4	32 12.6
10 VEST- AGDER	4431	741 167.2	988	10 2.3	27 6.1	39 8.8	13 2.9	22 5.0
11 ROGA- LAND	10614	1237 116.5	1581	13 1.2	38 3.6	53 5.0	30 2.8	73 6.9
12 HORD- ALAND	9924	1372 138.3	1777	10 1.0	36 3.6	43 4.3	42 4.2	57 5.7
13 BERG- EN	4295	699 162.7	900	3 0.7	24 5.6	28 6.5	16 3.7	43 10.0

TABLE 4
NUMBER AND FREQUENCY OF BIRTHS OF MOTHERS WITH REGISTERED
DISEASES AND OTHER CONDITIONS: BIRTHS 1967 AND 1968 GROUPED
ACCORDING TO MOTHERS COUNTY OF RESIDENCE

GRUPPER, ANTALL OG PR. 1000 FØDTE:										
VENE- RIA	URIN- VEIS INF. I SV. SK	VIRUS INF. I SV. SKAP.	ANDRE INF. I SV. SKAP.	TIDL. GYN. ABD. OPER.	TIDL. KOMPL SV. SK	HYPER -EMES GRAV.	BLØD- NING I SV. SKAP	INTOX TOX- EMIA	SPES. GYN. OBST. KOMPL	ANDRE TILST
16 GROUPS, NUMBER AND PER 1000 BIRTHS:										
VEN- REAL DIS.	URIN. TRACT INF. D PREG.	VIRAL INF. D PREG.	OTHER INF. D PREG.	PREV. GYN. ABDO OPR.	PREV. COMPL NANCY	HYPER -EMES GRAV.	BLEED -ING PREG.	INTOX TOX- EMIA	SPEC. GYN. OBST. COMPL	OTHER COND.
(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)
4 0.6	105 14.7	14 2.0	3 0.4	57 8.0	40 5.6	66 9.3	120 16.8	266 37.3	75 10.5	406 57.0
12 1.1	171 15.1	30 2.6	5 0.4	51 4.5	81 7.1	101 8.9	324 28.6	551 48.6	115 10.2	716 63.2
52 3.7	264 18.8	44 3.1	16 1.1	131 9.3	91 6.5	187 13.3	400 28.5	989 70.5	155 11.1	1409 100.5
12 2.3	28 5.4	10 1.9	4 0.8	22 4.3	33 6.4	33 6.4	100 19.3	154 29.8	30 5.8	193 37.3
9 1.6	67 12.2	11 2.0	1 0.2	15 2.7	22 4.0	31 5.7	77 14.1	248 45.3	22 4.0	231 42.2
5 0.8	67 10.8	13 2.1	4 0.6	23 3.7	18 2.9	63 10.2	117 18.9	280 45.3	57 9.2	320 51.8
15 2.7	81 14.5	21 3.8	6 1.1	21 3.8	38 6.8	55 9.8	170 30.4	298 53.4	53 9.5	425 76.1
3 0.6	47 9.4	9 1.8	4 0.8	61 12.2	12 2.4	32 6.4	69 13.8	196 39.3	22 4.4	307 61.6
5 2.0	27 10.6	2 0.8	1 0.4	15 5.9	5 2.0	11 4.3	65 25.5	123 48.3	8 3.1	114 44.8
2 0.5	69 15.6	15 3.4	5 1.1	42 9.5	22 5.0	50 11.3	119 26.9	239 53.9	32 7.2	282 63.6
9 0.8	145 13.7	19 1.8	4 0.4	33 3.1	36 3.4	69 6.5	200 18.8	287 27.0	83 7.8	489 46.1
11 1.1	147 14.8	17 1.7	2 0.2	50 5.0	58 5.8	72 7.3	233 23.5	414 41.7	60 6.0	525 52.9
6 1.4	43 10.0	9 2.1	2 0.5	29 6.8	36 8.4	48 11.2	129 30.0	195 45.4	23 5.4	266 61.9

(CONTINUED)

TABELL 4 (CONT.)
 ANTALL OG HYPPIGHET AV FØDTE MED OPPLYSNING OM SYKDOM OG ANDRE
 TILSTANDER HOS MOREN:FOR FØDTE 1967 OG 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTED FYLKE	ANTALL FØDTE IALT	FØDTE M. REG.SYKD HOS MOR ANTALL & PR.1000	TOTAL ANTALL DIAGN.	FORDELING AV DIA- BET- ES	NEVR. SYKD.	PSYK. LID- ELSER	CARD. VASC. SYKD.	PA 16 LUNGE SYKD. INKL. TBC.
MOTHERS COUNTY OF RESIDENCE	TOTAL NUMBER OF BIRTHS	NEWBORNS C/REG. DIS. OF MOTHER NUMBER & PER 1000	TOTAL NUMBER OF DIAGN.	DISTRIBUTION OF DIA. BET- ES	DIS. OF NERV- SYST.	MEN- TAL DIS.	CARD. VASC. DIS.	LUNG DIS. INCL. TB
				(61)	(62)	(63)	(64)	(65)
14 S.OG FJ.	3469	529 152.5	725	6 1.7	23 6.6	27 7.8	11 3.2	18 5.2
15 M.&R.	8427	1005 119.3	1268	10 1.2	38 4.5	42 5.0	21 2.5	48 5.7
16 S.TR. LAG	8539	2438 285.5	3599	11 1.3	67 7.8	46 5.4	67 7.8	107 12.5
17 N.TR. LAG	4396	1164 264.8	1556	6 1.4	35 8.0	48 10.9	32 7.3	52 11.8
18 NORD- LAND	9594	1339 139.6	1782	12 1.3	57 5.9	67 7.0	26 2.7	98 10.2
19 TROMS	5956	1143 191.9	1520	7 1.2	48 8.1	37 6.2	38 6.4	88 14.8
20 FINN- MARK	3649	582 159.5	774	2 0.5	16 4.4	22 6.0	13 3.6	41 11.2
25 UT- LAND	2	1 500.0	1	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
99 UOPP- GITT	4	0 0.0	0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
IALT TOTAL	135731	22609 166.6	29883	186 1.4	883 6.5	891 6.6	541 4.0	1126 8.3

The grouping of diseases used in Table 4 is aimed at sorting out certain chronic conditions of special interest in relation to pregnancies, such as diabetes and neurological disorders, and of diseases that have occurred during pregnancy, e.g. various infectious diseases. Separate groups are, moreover, formed for diseases special to pregnancy, e.g. hyperemesis,

TABLE 4 (CONT.)
 NUMBER AND FREQUENCY OF BIRTHS OF MOTHERS WITH REGISTERED
 DISEASES AND OTHER CONDITIONS: BIRTHS 1967 AND 1968 GROUPED
 ACCORDING TO MOTHERS COUNTY OF RESIDENCE

GRUPPER, ANTALL OG PR. 1000 FØDTE:										
VENE- RIA	URIN- VEIS INF. I SV. SK	VIRUS INF. I SV. SKAP.	ANDRE INF. I SV. SKAP.	TIDL. GYN. OPER.	TIDL. ABD. OPER.	KOMPL -EMES GRAV.	HYPER BLØD- NING I SV. SKAP	INTOX TOX- EMIA	SPEC. GYN. OBST. KOMPL	ANDRE TILST
16 GROUPS, NUMBER AND PER 1000 BIRTHS:										
VEN- EREAL DIS.	URIN. TRACT INF. D PREG.	VIRAL INF. DUR. PREG.	OTHER INF. DUR. PREG.	PREV. GYN. OPP.	PREV. COMPL PREG- NANCY	HYPER -EMES GRAV. (72)	BLEED -ING DUR. (73)	INTOX TOX- EMIA (74)	SPEC. GYN. OBST. COMPL (75)	OTHER COND. (76)
(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)
1 0.3	61 17.6	4 1.2	1 0.3	21 6.1	36 10.4	47 13.5	62 17.9	143 41.2	18 5.2	246 70.9
13 1.5	108 12.8	23 2.7	1 0.1	28 3.3	24 2.8	61 7.2	166 19.7	254 30.1	59 7.0	372 44.1
5 0.6	241 28.2	28 3.3	8 0.9	236 27.6	47 5.5	72 8.4	343 40.2	1023 119.8	232 27.2	1066 124.8
2 0.5	128 29.1	35 8.0	7 1.6	39 8.9	12 2.7	66 15.0	121 27.5	460 104.6	48 10.9	465 105.8
10 1.0	194 20.2	31 3.2	2 0.2	42 4.4	37 3.9	78 8.1	197 20.5	335 34.9	64 6.7	532 55.5
7 1.2	159 26.7	23 3.9	1 0.2	57 9.6	46 7.7	58 9.7	139 23.3	277 46.5	32 5.4	503 84.5
5 1.4	58 15.9	10 2.7	3 0.8	23 6.3	32 8.8	44 12.1	86 23.6	139 38.1	27 7.4	253 69.3
0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	1 500.0	0 0.0	0 0.0	0 0.0
0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
188 1.4	2210 16.3	368 2.7	80 0.6	996 7.3	726 5.3	1244 9.2	3238 23.9	6871 50.6	1215 9.0	9120 67.2

hemorrhage and toxemia. As commented in the INTRODUCTION, there is an apparent under-reporting of conditions related to mothers' health before and during pregnancy. Thus one would expect, e.g. maternal diabetes to have a frequency of at least 2 per 1000 (11), urinary tract infections to be at least 2-3 times as frequent as observed (6), and toxemia/pre-eclampsia to be twice as frequent.

TABELL 5
 PROVOKASJON AV FØDSEL OG HYPPIGHET AV FORSKJELLIGE TYPER AV
 PROVOKASJONER: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	FØDTE ANTALL	IALT: PRO- SENT	PROV.FØDSEL & PR. 1000 FØDTE	TOTAL ANTALL PROVOKASJONER
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS: NUMBER	PER- CENT	INDUC.LABOUR & PER 1000 BIRTHS	TOTAL NUMBER OF INDUCTIONS
01 ØSTFOLD	7128	5.3	1031 144.6	1031
02 AKERSHUS	11330	8.3	1239 109.4	1239
03 OSLO	14024	10.3	2195 156.5	2195
04 HEDMARK	5176	3.8	564 109.0	564
05 OPPLAND	5480	4.0	488 89.1	488
06 BUSKERUD	6179	4.6	816 132.1	816
07 VESTFOLD	5584	4.1	589 105.5	589
08 TELEMARK	4983	3.7	279 56.0	279
09 AUSTAGDER	2547	1.9	235 92.3	235
10 VESTAGDER	4431	3.3	420 94.8	420
11 ROGALAND	10614	7.8	1077 101.5	1077
12 HORDALAND	9924	7.3	1201 121.0	1201
13 BERGEN	4295	3.2	545 126.9	545
14 SOGN OG FJ.	3469	2.6	361 104.1	361

TABLE 5
INDUCED LABOUR AND FREQUENCY OF DIFFERENT TYPES OF INDUCTION:
BIRTHS 1967 AND 1968 GROUPED ACCORDING TO MOTHERS
COUNTY OF RESIDENCE

TYPE AV PROVOKASJON, ANTALL OG PR.1000 FØDTE:					
OXYTOCIN DRYPP	OXYTOCIN TABL.	OXYTOCIN KUR, INA	SECTIO CESAREAN SECTION	HINNERIVN. --STIKK	ANNEN PROV.
TYPE OF INDUCTION , NUMBER AND PER 1000 BIRTHS:					
OXYTOCIN DRIP	OXYTOCIN TABL.	OXYTOCIN MOD.N.S.	CESAREAN SECTION	RUPTURE OF MEMBRANES	OTHER INDUC.
222 31.1	23 3.2	221 31.0	26 3.6	237 33.2	302 42.4
205 18.1	311 27.4	292 25.8	73 6.4	96 8.5	262 23.1
445 31.7	1016 72.4	154 11.0	61 4.3	200 14.3	319 22.7
92 17.8	27 5.2	175 33.8	28 5.4	15 2.9	227 43.9
90 16.4	73 13.3	111 20.3	10 1.8	33 6.0	171 31.2
35 5.7	264 42.7	119 19.3	19 3.1	35 5.7	344 55.7
261 46.7	29 5.2	34 6.1	29 5.2	42 7.5	194 34.7
81 16.3	16 3.2	77 15.5	22 4.4	5 1.0	78 15.7
15 5.9	2 0.8	83 32.6	13 5.1	1 0.4	121 47.5
197 44.5	7 1.6	42 9.5	18 4.1	7 1.6	149 33.6
92 8.7	531 50.0	203 19.1	42 4.0	37 3.5	172 16.2
101 10.2	62 6.2	722 72.8	21 2.1	78 7.9	217 21.9
58 13.5	28 6.5	297 69.2	16 3.7	31 7.2	115 26.8
17 4.9	67 19.3	96 27.7	13 3.7	19 5.5	149 43.0

(CONTINUED)

TABELL 5 (CONT.)
 PROVOKASJON AV FØDSEL OG HYPPIGHET AV FORSKJELLIGE TYPER AV
 PROVOKASJONER: FØR FØDTE 1967 OG 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	FØDTE ANTALL	IALT: PRO- SENT	PROV.FØDSEL ANTALL & PR. 1000 FØDTE	TOTAL ANTALL PROVOKASJONER
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS: NUMBER	PER- CENT	INDUC.LABOUR NUMBER & PER 1000 BIRTHS	TOTAL NUMBER OF INDUCTIONS
15 MØRE-R.DAL	8427	6.2	604 71.7	604
16 SØR-TR.LAG	8539	6.3	1040 121.8	1040
17 NORD-TR.LAG	4396	3.2	535 121.7	535
18 NORDLAND	9594	7.1	783 81.6	783
19 TROMS	5956	4.4	486 81.6	486
20 FINNMARK	3649	2.7	265 72.6	265
25 UTLANDET ABROAD	2	0.0	0 0.0	0
99 UOPPGITT UNKNOWN	4	0.0	0 0.0	0
IALT TOTAL	135731	100.0	14753 108.7	14753

TABLE 5 shows that frequency of induced labour for the country as a whole was 108.7 per 1000 births in 1967 and 1968. The frequency varied from 56.0 per 1000 births for mothers living in the county of Telemark to 156.5 per 1000 births for mothers with residence in Oslo. In all the counties oxytocin was the most commonly used medication for induction of labour, though the mode of administration of this drug varied considerably from one county to another. Cesarean section before onset of labour was used for 3.9 per 1000 births. The group "Other Inductions" includes regimens such as Methergin - or Pathergin medication and, in addition, other specified and non-

TABLE 5 (CONT.)
 INDUCED LABOUR AND FREQUENCY OF DIFFERENT TYPES OF INDUCTION:
 BIRTHS 1967 AND 1968 GROUPED ACCORDING TO MOTHERS
 COUNTY OF RESIDENCE

TYPE AV PROVOKASJON, ANTALL OG PR.1000 FØDTE:					
OXYTOCIN DRYPP	OXYTOCIN TABL.	OXYTOCIN KUR,INA	SECTIO	HINNERIVN. -STIKK	ANNEN PROV.
TYPE OF INDUCTION , NUMBER AND PER 1000 BIRTHS:					
OXYTOCIN DRIP	OXYTOCIN TABL.	OXYTOCIN MOD.N.S.	CESAREAN SECTION	RUPTURE OF MEMBRANES	OTHER INDUC.
173	70	145	26	7	183
20.5	8.3	17.2	3.1	0.8	21.7
416	124	300	30	29	141
48.7	14.5	35.1	3.5	3.4	16.5
37	2	40	5	19	432
8.4	0.5	9.1	1.1	4.3	98.3
103	214	148	26	76	216
10.7	22.3	15.4	2.7	7.9	22.5
146	17	114	30	67	112
24.5	2.9	19.1	5.0	11.2	18.8
15	4	103	16	10	117
4.1	1.1	28.2	4.4	2.7	32.1
0	0	0	0	0	0
0.0	0.0	0.0	0.0	0.0	0.0
0	0	0	0	0	0
0.0	0.0	0.0	0.0	0.0	0.0
2801	2887	3476	524	1044	4021
20.6	21.3	25.6	3.9	7.7	29.6

specified ways of inducing labour.

TABELL 6
 KOMPLIKASJONER VED FØDSEL OG HYPPIGHET AV FORSKJELLIGE TYPER
 AV KOMPLIKASJONER: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	FØDTE ANTALL	IALT: PRO- SENT	MEG KOM- PLIKASJON OG PR. 1000	ANTALL KOMPLI- KASJONER IALT	TYPE AV FUNKSJ. FØDSEL FORST.
MOTHER COUNTY OF RESIDENCE	TOTAL BIRTHS NUMBER	PER- CENT	C/COMPLI- CATION NUMBER & PER 1000	TOTAL NUMBER COMPLI- CATIONS	TYPE OF FUNCT. OIS- ORDER
01 ØSTFOLD	7128	5.3	674 94.6	802	170 23.8
02 AKERSHUS	11330	8.3	1549 136.7	2126	647 57.1
03 OSLO	14024	10.3	2329 166.1	3176	1000 71.3
04 HEDMARK	5176	3.8	521 100.7	632	174 33.6
05 OPPLAND	5480	4.0	503 91.8	678	190 34.7
06 BUSKERUD	6179	4.6	660 106.8	852	266 43.0
07 VESTFOLD	5584	4.1	691 123.7	823	137 24.5
08 TELEMARK	4983	3.7	345 69.2	421	60 12.0
09 AUSTAGDER	2547	1.9	180 70.7	212	28 11.0
10 VESTAGDER	4431	3.3	416 93.9	527	136 30.7
11 ROGALAND	10614	7.8	510 48.0	555	126 11.9
12 HORDALAND	9924	7.3	1566 157.8	1846	199 20.1
13 BERGEN	4295	3.2	531 216.8	1074	118 27.5
14 SOGN OG FJ.	3469	2.6	363 104.6	436	70 20.2

TABLE 6
 COMPLICATIONS DURING DELIVERY AND FREQUENCY OF DIFFERENT KINDS
 OF COMPLICATIONS: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
 MOTHERS COUNTY OF RESIDENCE

KOMPLIKASJON, ANTALL OG PR. 1000 FØDTE:						
OBSTRUK- S SJON	PATOL. FORH.V. PLACENTA	LEIE/ INNSTIL. ANOMALI	ANDRE KOMPL. FORLØSN.	SKADER I FØDSELS- VEIER	BLØDNING ETTER FØDSELEN	ANDRE KOMPL- KASJONER
COMPLICATIONS, NUMBER AND PER 1000 BIRTHS:						
OBSTRUC- TION	PATOL. COND. OF PLACENTA	POSITION ANOMALY	OTHER COMP. DELIV.	BIRTH CANAL INJURIES	POST PARTUM HAEMOR.	OTHER COMPLI- CATIONS
32 4.5	148 20.8	23 3.2	33 4.6	62 8.7	317 44.5	17 2.4
60 5.3	323 28.5	38 3.4	51 4.5	165 14.6	821 72.5	21 1.9
154 11.0	418 29.8	74 5.3	71 5.1	259 18.5	1159 82.6	43 3.1
18 3.5	171 33.0	42 8.1	24 4.6	44 8.5	154 29.8	5 1.0
50 9.1	144 26.3	7 1.3	29 5.3	55 10.0	187 34.1	16 2.9
62 10.0	121 19.6	22 3.6	28 4.5	56 9.1	288 46.6	9 1.5
80 14.3	221 39.6	34 6.1	28 5.0	55 9.8	251 44.9	17 3.0
44 8.8	124 24.9	16 3.2	24 4.8	37 7.4	108 21.7	8 1.6
17 6.7	67 26.3	2 0.8	6 2.4	19 7.5	72 28.3	1 0.4
25 5.6	145 32.7	20 4.5	15 3.4	54 12.2	122 27.5	10 2.3
31 2.9	158 14.9	17 1.6	44 4.1	73 6.9	133 12.5	17 1.6
41 4.1	248 25.0	101 10.2	33 3.3	607 61.2	583 58.7	34 3.4
31 7.2	118 27.5	43 10.0	22 5.1	384 89.4	341 79.4	17 4.0
12 3.5	101 29.1	19 5.5	20 5.8	32 9.2	179 51.6	5 1.4

(CONTINUED)

TABELL 6 (CONT.)
 KOMPLIKASJONER VED FØDSEL OG HYPPIGHET AV FORSKJELLIGE TYPER
 AV KOMPLIKASJONER FOR FØDTE 1967 OG 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	FØDTE ANTALL	IALT: PRO- SENT	MED KOM- PLIKASJON OG PR.1000	ANTALL KOMPLI- KASJONER IALT	TYPE AV FUNKSJ. FØDSEL FORST.
MOTHER COUNTY OF RESIDENCE	TOTAL BIRTHS NUMBER	PER- CENT	C/COMPLI- CATION NUMBER & PER 1000	TOTAL NUMBER COMPLI- CATIONS	TYPE OF FUNCT. DIS- ORDER
15 MØRE OG R.DAL	8427	6.2	547 64.9	667	150 17.8
16 SØR-TR.LAG	8539	6.3	1120 131.2	1323	237 27.8
17 NORD-TR.LAG	4396	3.2	384 87.4	463	87 19.8
18 NORDLAND	9594	7.1	729 76.0	955	254 26.5
19 TROMS	5956	4.4	359 60.3	455	127 21.3
20 FINNMARK	3649	2.7	383 105.0	515	170 46.6
25 UTLANDET ABROAD	2	0.0	0		
99 UOPPGITT UNKNOWN	4	0.0	0		
IALT TOTAL	135731	100.0	14760 108.7	18586	4346 32.0

Information on complications during delivery is summarized in TABLE 6. Complications occurred with a frequency of 108.7 per 1000 births, however, with considerable variation between counties. It would seem that the variation in frequency, in the main, could be due to differences in registration practices and classifications of complications. As it stands, the most frequent complications were post partum haemorrhage and pathological conditions of placenta (placenta praevia, amotio placen-

TABLE 6 (CONT.)
 COMPLICATIONS DURING DELIVERY AND FREQUENCY OF DIFFERENT KINDS
 OF COMPLICATIONS: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
 MOTHERS COUNTY OF RESIDENCE

KOMPLIKASJON, ANTALL OG PR. 1000 FØDTE:						
OBSTRUK- S SJON	PATOL. FORH.V. PLACENTA	LEIE/ INNSTIL. ANOMALI	ANDRE KOMPL. FORLØSN.	SKADER I FØSELS- VEIER	BLØDNING ETTER FØSELEN	ANDRE KOMPL- KASJONER
COMPLICATIONS, NUMBER AND PER 1000 BIRTHS:						
OBSTRUC- TION	PATHOL. COND.OF PLACENTA	POSITION ANOMALY	OTHER COMP. DELIV.	BIRTH CANAL INJURIES	POST PARTUM HAEMOR.	OTHER CCMPLI- CATIONS
61	208	52	18	39	119	20
7.2	24.7	6.2	2.1	4.6	14.1	2.4
29	277	97	29	67	574	13
3.4	32.4	11.4	3.4	7.8	67.2	1.5
10	163	25	24	32	115	7
2.3	37.1	5.7	5.5	7.3	26.2	1.6
35	258	35	39	53	266	15
3.6	26.9	3.6	4.1	5.5	27.7	1.6
22	127	12	16	27	110	14
3.7	21.3	2.0	2.7	4.5	18.5	2.4
18	88	7	19	16	187	10
4.9	24.1	1.9	5.2	4.4	51.2	2.7
832	3628	686	573	2136	6086	299
6.1	26.7	5.1	4.2	15.7	44.8	2.2

TABELL 7
 INNGREP UNDER FØDSEL OG HYPPIGHET AV FORSKJELLIGE TYPER INNGREP:
 FOR FØDTE 1967 OG 1968 GRUPPERT ETTER MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	FØDTE ANTALL	IALT: PRO- SENT	M/INN- GREP ANTALL/ PR. 1000	ANTALL INN- GREP IALT	TYPE AV HINNE- RIVN./ STIKK	INNGREP. VAKUUM EKSTR.	TANG
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS NUMBER	C/INTER PER- CENT	VENTION NUMBER/ PER1000	TOTAL NUMBER INTER- VENT.	TYPE OF RUPT. MEMBR.	INTERVENTION VACUUM EXTR.	FOR- CEPS
01 ØSTFOLD	7128	5.3	564 79.1	631	14 2.0	115 16.1	98 13.7
02 AKERSHUS	11330	8.3	990 87.4	1107	118 10.4	229 20.2	145 12.8
03 OSLO	14024	10.3	3110 221.8	3480	1592 113.5	482 34.4	318 22.7
04 HEDMARK	5176	3.8	518 100.1	605	17 3.3	54 10.4	143 27.6
05 OPPLAND	5480	4.0	366 66.8	450	25 4.6	23 4.2	47 8.6
06 BUSKERUD	6179	4.6	604 97.8	712	86 13.9	106 17.2	91 14.7
07 VESTFOLD	5584	4.1	487 87.2	625	19 3.4	83 14.9	78 14.0
08 TELEMARK	4983	3.7	330 66.2	353	12 2.4	61 12.2	25 5.0
09 AUSTAGDER	2547	1.9	117 45.9	128	4 1.6	11 4.3	22 8.6
10 VESTAGDER	4431	3.3	308 69.5	376	30 6.8	12 2.7	57 12.9
11 ROGALAND	10614	7.8	700 66.0	802	106 10.0	104 9.8	86 8.1
12 HORDALAND	9924	7.3	825 83.1	950	66 6.7	59 5.9	245 24.7
13 BERGEN	4295	3.2	442 102.9	533	26 6.1	28 6.5	147 34.2
14 SOGN OG FJ.	3469	2.6	203 58.5	227	15 4.3	28 8.1	38 11.0

TABLE 7
INTERVENTIONS DURING DELIVERY AND FREQUENCY OF DIFFERENT TYPES
OF INTERVENTIONS: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
MOTHERS COUNTY OF RESIDENCE

ANTALL OG PER 1000 FØDTE:								
FREM- V. SETE FØDSEL	OG NED- HENT. AV FØT	PER 1000 TANG PA HODET V SETEF.	SEC- TIO	ROTASJ. OG TREKN.	UTHENT. AV PLAC.	ANDRE INN- GREP	ANAL- GESI	ANES- TESI
NUMBER AND PER 1000 BIRTHS:								
ASSIST BREECH OF LEG	DELIV. OF LEG	PER 1000 BR. DEL.	FORCEPS IN REAR SECTION	CESA- AND DELIV.	ROTAT. AND REMOV. PLAC.	OTHER INTER- VENT.	ANAL- GESIA	ANES- THESIA
132	16	16	84	15	37	43	43	18
18.5	2.2	2.2	11.8	2.1	5.2	6.0	6.0	2.5
188	17	31	153	34	68	101	3	20
16.6	1.5	2.7	13.5	3.0	6.0	8.9	0.3	1.8
359	54	65	213	72	102	187	1	35
25.6	3.9	4.6	15.2	5.1	7.3	13.3	0.1	2.5
88	12	25	108	20	55	42	3	38
17.0	2.3	4.8	20.9	3.9	10.6	8.1	0.6	7.3
64	9	8	104	12	42	40	1	55
15.3	1.6	1.5	19.0	2.2	7.7	7.3	0.2	10.0
109	17	39	93	23	33	38	17	60
17.6	2.8	6.3	15.1	3.7	5.3	6.1	2.8	9.7
90	14	18	133	22	32	52	0	84
16.1	2.5	3.2	23.8	3.9	5.7	9.3	0.0	15.0
46	2	0	120	4	40	34	0	9
9.2	0.4	0.0	24.1	0.8	8.0	6.8	0.0	1.8
25	3	6	32	6	12	6	0	1
9.8	1.2	2.4	12.6	2.4	4.7	2.4	0.0	0.4
45	16	23	64	21	20	64	0	24
10.2	3.6	5.2	14.4	4.7	4.5	14.4	0.0	5.4
131	25	54	72	106	60	47	0	11
12.3	2.4	5.1	6.8	10.0	5.7	4.4	0.0	1.0
89	22	37	109	139	62	118	0	4
9.0	2.2	3.7	11.0	14.0	6.2	11.9	0.0	0.4
48	13	27	63	79	39	53	0	10
11.2	3.0	6.3	14.7	18.4	9.1	12.3	0.0	2.3
28	4	1	49	15	13	23	0	13
8.1	1.2	0.3	14.1	4.3	3.7	6.6	0.0	3.7

(CONTINUED)

TABELL 7 (CONT.)
 INNGREP UNDER FØDSEL OG HYPPIGHET AV FORSKJELLIGE TYPER INNGREP:
 FOR FØDTE 1967 OG 1968 GRUPPERT ETTER MORENS BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	FØDTE ANTALL	IALT: PRO- SENT	M/INN- GREG ANTALL/ PR.1000	ANTALL INN- GREG IALT	TYPE AV HINNE- RIVN./ STIKK	INN- GREG IALT	VAKUUM EKSTR.	TANG
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS NUMBER	PER- CENT	C/INTER VENTION NUMBER/ PER1000	TOTAL NUMBER INTER- VENT.	TYPE OF RUPT. MEMBR.	VACUUM EXTR.	FOR- CEPS	
15 MØRE OG R.ØDAL	8427	6.2	554 65.7	587	12 1.4	51 6.1	90 10.7	
16 SØR-TR.LAG	8539	6.3	725 84.9	1005	53 6.2	80 9.4	171 20.0	
17 NORD-TR.LAG	4396	3.2	340 77.3	418	12 2.7	30 6.8	74 16.8	
18 NORDLAND	9594	7.1	628 65.5	692	76 7.9	88 9.2	63 6.6	
19 TROMS	5956	4.4	407 68.3	466	76 12.8	36 6.0	91 15.3	
20 FINNMARK	3649	2.7	236 64.7	256	25 6.9	8 2.2	35 9.6	
25 UTLANDET ABROAD	2	0.0	0					
99 UOPPGITT UNKNOWN	4	0.0	0					
IALT TOTAL	135731	100.0	12454 91.8	14403	2384 17.6	1688 12.4	2064 15.2	

Frequency of interventions during delivery was 91.8 per 1000 births in 1967 and 1968. By intervention is meant a manual or instrumental procedure performed during labour, except manual assistance in "normal" deliveries and procedures performed to initiate labour.

Data on analgesia/anaesthesia are included in TABLE 7, although the information is quite unreliable. The use of analgesia/anaesthesia has not been registered in any way systematically

TABLE 7 (CONT.)
INTERVENTIONS DURING DELIVERY AND FREQUENCY OF DIFFERENT TYPES
OF INTERVENTIONS: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
MOTHERS COUNTY OF RESIDENCE

ANTALL OG PER 1000 FØDTE:								
FREM- V. SETE FØDSEL	NED- HENT. AV FOT	TANG PÅ HODET V SETEF.	SEC- TIO	ROTASJ. OG UT- TREKN.	UTHENT. AV PLAC.	ANDRE INN- GREP	ANAL- GESI	ANES- TESI

NUMBER AND PER 1000 BIRTHS:								
ASSIST BREECH	DELIV. OF LEG	FORCEPS HEAD BR. DEL.	CESA- IN REAN SECTION	ROTAT. AND DELIV.	MAN. REMOV. PLAC.	OTHER INTER- VENT.	ANAL- GESIA	ANES- THESIA

63	12	11	198	27	58	58	0	7
7.5	1.4	1.3	23.5	3.2	6.9	6.9	0.0	0.8
101	24	32	115	39	50	182	1	157
11.8	2.8	3.7	13.5	4.6	5.9	21.3	0.1	18.4
88	17	11	64	16	27	42	0	37
20.0	3.9	2.5	14.6	3.6	6.1	9.6	0.0	8.4
95	7	42	155	19	41	88	1	17
9.9	0.7	4.4	16.2	2.0	4.3	9.2	0.1	1.8
72	13	36	63	17	29	26	0	7
12.1	2.2	6.0	10.6	2.9	4.9	4.4	0.0	1.2
38	3	8	62	18	21	34	0	4
10.4	0.8	2.2	17.0	4.9	5.8	9.3	0.0	1.1

1919	300	490	2054	704	841	1278	70	611
14.1	2.2	3.6	15.1	5.2	6.2	9.4	0.5	4.5

in 1967 and 1968. Moreover, the information has been coded and included in the computer record for births in 1968 only.

It may be noted from TABLE 7 that forceps were used in the delivery for about 1.5 per cent of the births. Cesarean section was an equally frequent intervention during labour.

TABELL: 8
 SVANGERSKAPSLENGDE(UKER) OG GJENNOMSNITTLIG SVANGERSKAPSLENGDE:
 FOR FØDTE 1967 OG 1968 GRUPPERT ETTER MØRENS
 BOSTEDSFYLKE

MØRENS BOSTEDSFYLKE	FØDTE:			FORDELING ETTER			
	TOTAL ANTALL	M/REG.SV.SK.L. ANTALL	PRO- SENT	<14 UKER	14-17 UKER	18-21 UKER	22-25 UKER
01 ØSTFOLD	7128	6956	97.6	2	2	8	25
		100.0		0.0	0.0	0.1	0.4
02 AKERSHUS	11330	10914	96.3	0	4	10	40
		100.0		0.0	0.0	0.1	0.4
03 OSLO	14024	13720	97.8	1	5	44	53
		100.0		0.0	0.0	0.3	0.4
04 HEDMARK	5176	4960	95.8	0	4	3	18
		100.0		0.0	0.1	0.1	0.4
05 OPPLAND	5480	5249	95.8	0	1	5	20
		100.0		0.0	0.0	0.1	0.4
06 BUSKERUD	6179	5945	96.2	0	1	1	15
		100.0		0.0	0.0	0.0	0.3
07 VESTFOLD	5584	5448	97.6	0	0	16	14
		100.0		0.0	0.0	0.3	0.3
08 TELEMARK	4983	4704	94.4	1	2	10	30
		100.0		0.0	0.0	0.2	0.6
09 AUSTAGDER	2547	2411	94.7	0	0	0	3
		100.0		0.0	0.0	0.0	0.1
10 VESTAGDER	4431	4262	96.2	0	0	8	8
		100.0		0.0	0.0	0.2	0.2
11 RØDGALAND	10614	10193	96.0	2	0	4	16
		100.0		0.0	0.0	0.0	0.2
12 HORDALAND	9924	9599	96.7	0	0	11	35
		100.0		0.0	0.0	0.1	0.4
13 BERGEN	4295	4158	96.8	0	0	5	15
		100.0		0.0	0.0	0.1	0.4
14 SOGN OG FJ.	3469	3354	96.7	0	0	3	5
		100.0		0.0	0.0	0.1	0.1

TABLE: 8
 GESTATIONAL AGE(WEEKS) AND MEAN GESTATIONAL AGE:BIRTHS 1967
 AND 1968 GROUPED ACCORDING TO MOTHERS COUNTY OF
 RESIDENCE

SVANGERSKAPSLENGDE (UKER), ANTALL OG PROSENT:							GJ.SN. SV.SK. TID	SVANGER SKAP =>28
26-29 UKER	30-33 UKER	34-37 UKER	38-41 UKER	42-45 UKER	46-49 UKER	=>50 UKER	(UKER)	UKER
GESTATIONAL AGE (WEEKS), NUMBER AND PERCENT:							MEAN GEST. AGE	GEST. AGE =>28
26-29 WEEKS	30-33 WEEKS	34-37 WEEKS	38-41 WEEKS	42-45 WEEKS	46-49 WEEKS	=>50 WEEKS	(WEEKS)	WEEKS
35 0.5	92 1.3	570 8.2	5316 76.4	835 12.0	36 0.5	35 0.5	39.7	6904 99.3
74 0.7	182 1.7	870 8.0	8050 73.8	1573 14.4	56 0.5	55 0.5	39.7	10819 99.1
82 0.6	219 1.6	1155 8.4	10149 74.0	1874 13.7	66 0.5	72 0.5	39.6	13570 98.9
25 0.5	70 1.4	484 9.8	3693 74.5	609 12.3	22 0.4	32 0.6	39.6	4921 99.2
28 0.5	82 1.6	445 8.5	3987 76.0	626 11.9	25 0.5	30 0.6	39.6	5208 99.2
28 0.5	103 1.7	553 9.3	4439 74.7	757 12.7	26 0.4	22 0.4	39.6	5914 99.5
31 0.6	63 1.2	380 7.0	4171 76.6	735 13.5	16 0.3	22 0.4	39.7	5405 99.2
30 0.6	65 1.4	369 7.8	3487 74.1	648 13.8	24 0.5	38 0.8	39.7	4653 98.9
10 0.4	35 1.5	205 8.5	1799 74.6	328 13.6	18 0.7	13 0.5	39.7	2402 99.6
15 0.4	63 1.5	348 8.2	3249 76.2	531 12.5	17 0.4	23 0.5	39.7	4238 99.4
55 0.5	146 1.4	846 8.3	7660 75.1	1380 13.5	42 0.4	42 0.4	39.7	10138 99.5
32 0.3	113 1.2	665 6.9	7409 77.2	1270 13.2	35 0.4	29 0.3	39.8	9537 99.4
26 0.6	66 1.6	333 8.0	3136 75.4	564 13.6	8 0.2	5 0.1	39.6	4128 99.3
19 0.6	37 1.1	262 7.8	2593 77.3	411 12.3	13 0.4	11 0.3	39.7	3341 99.6

(CONTINUED)

TABELL: 8 (CONT.)
 SVANGERSKAPSLÆNGDE (UKER) OG GJENNOMSNITTLIG SVANGERSKAPSLÆNGDE:
 FOR FØDTE 1967 OG 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	FØDTE:			FORDELING ETTER			
	TOTAL ANTALL	M/REG. ANTALL	SV.SK.L. PRO- SENT	<14 UKER	14-17 UKER	18-21 UKER	22-25 UKER
15 MØRE-R.DAL	8427	8245	97.8	1	0	17	22
		100.0		0.0	0.0	0.2	0.3
16 SØR-TR.LAG	8539	8315	97.4	0	0	8	20
		100.0		0.0	0.0	0.1	0.2
17 NORD-TR.LAG	4396	4281	97.4	0	1	7	9
		100.0		0.0	0.0	0.2	0.2
18 NORDLAND	9594	9290	96.8	1	1	5	21
		100.0		0.0	0.0	0.1	0.2
19 TROMS	5956	5722	96.1	0	1	2	21
		100.0		0.0	0.0	0.0	0.4
20 FINNMARK	3649	3431	94.0	1	0	2	12
		100.0		0.0	0.0	0.1	0.3
25 UTLANDET ABROAD	2	2	100.0	0	0	0	1
		100.0		0.0	0.0	0.0	50.0
99 UOPPGITT UNKNOWN	4	0	0.0	0	0	0	0
		100.0		0.0	0.0	0.0	0.0
IALT TOTAL	135731	131159	96.6	9	22	159	403
		100.0		0.0	0.0	0.1	0.3

Information on gestational age is available for 96.6 per cent of the births. Gestational age is computed from the first day of last menstrual period. In some cases this gives rather unsatisfactory result, as indicated by the fact that 0.5 per cent of the births were registered with a gestational age of 50 weeks or more. Corrections of gestational age are however not possible in absence of information on regularity of menstruation, interval between menstruations, and clinical observations on which to judge the length of pregnancy.

TABLE: 8 (CONT.)
 GESTATIONAL AGE (WEEKS) AND MEAN GESTATIONAL AGE: BIRTHS 1967
 AND 1968 GROUPED ACCORDING TO MOTHERS COUNTY OF
 RESIDENCE

SVANGERSKAPSLENGDE (UKER), ANTALL OG PROSENT:							GJ.SN. SV.SK. TID (UKER)	SVANGER SKAP =>28 UKER
26-29 UKER	30-33 UKER	34-37 UKER	38-41 UKER	42-45 UKER	46-49 UKER	=>50 UKER		
GESTATIONAL AGE (WEEKS), NUMBER AND PERCENT:							MEAN GEST. AGE (WEEKS)	GEST. AGE =>28 WEEKS
26-29 WEEKS	30-33 WEEKS	34-37 WEEKS	38-41 WEEKS	42-45 WEEKS	46-49 WEEKS	=>50 WEEKS		
44 0.5	114 1.4	623 7.6	6178 74.9	1179 14.3	36 0.4	31 0.4	39.7	8186 99.3
46 0.6	107 1.3	679 8.2	6299 75.8	1071 12.9	44 0.5	41 0.5	39.7	8270 99.5
24 0.6	71 1.7	310 7.2	3194 74.6	625 14.6	22 0.5	18 0.4	39.7	4255 99.4
40 0.4	156 1.7	687 7.4	7031 75.7	1256 13.5	50 0.5	42 0.5	39.7	9239 99.5
26 0.5	83 1.5	432 7.5	4344 75.9	758 13.2	24 0.4	31 0.5	39.7	5684 99.3
18 0.5	45 1.3	301 8.8	2596 75.7	427 12.4	16 0.5	13 0.4	39.6	3406 99.3
0 0.0	0 0.0	0 0.0	1 50.0	0 0.0	0 0.0	0 0.0	31.0	1 50.0
0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0.0	0 0.0
688 0.5	1912 1.5	10517 8.0	98781 75.3	17457 13.3	596 0.5	605 0.5	39.7	130219 99.3

Mean gestational age of the 131159 births with information on length of pregnancy was 39.7 weeks. About 3/4 of the newborns had a gestational age between 38 and 41 weeks. This proportion varied little between counties. Neither were there any great differences in the percentage (0.7) of births with gestational age less than 28 weeks.

TABELL 9A
 FØDSELSVEKT, GJENNOMSNIITTSVEKT OG HYPPIGHET AV PREMATURITET:
 FØDTE 1967 OG 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

MORENS ECSTEDSFYLKE	FØDTE: M/OPPL. V E K T F O R D E L I N G		VEKT PRO- SENT	D I S T R I B U T I O N O F B I R T H W E I G H T S				
	TOTAL ANTALL	ANTALL		0- 499	500- 999	1000- 1499	1500- 1999	2000- 2499
01 ØSTFOLD	7128	7116 100.0	99.8	6 0.1	37 0.5	40 0.6	73 1.0	209 2.9
02 AKERSHUS	11330	11291 100.0	99.7	27 0.2	59 0.5	90 0.8	127 1.1	358 3.2
03 OSLO	14024	13986 100.0	99.7	49 0.4	69 0.5	108 0.8	185 1.3	466 3.3
04 HEDMARK	5176	5165 100.0	99.3	8 0.2	25 0.5	31 0.6	54 1.0	158 3.1
05 OPPLAND	5480	5457 100.0	99.6	10 0.2	26 0.5	29 0.5	59 1.1	180 3.3
06 BUSKERUD	6179	6173 100.0	99.9	2 0.0	32 0.5	47 0.8	79 1.3	221 3.6
07 VESTFOLD	5584	5572 100.0	99.8	16 0.3	27 0.5	26 0.5	58 1.0	137 2.5
08 TELEMARK	4983	4947 100.0	99.3	12 0.2	28 0.6	39 0.8	57 1.2	123 2.5
09 AUSTAGDER	2547	2532 100.0	99.4	2 0.1	10 0.4	11 0.4	32 1.3	95 3.8
10 VESTAGDER	4431	4419 100.0	99.7	7 0.2	19 0.4	27 0.6	60 1.4	132 3.0
11 ROGALAND	10614	10591 100.0	99.8	6 0.1	27 0.3	70 0.7	124 1.2	317 3.0
12 HORDALAND	9924	9897 100.0	99.7	20 0.2	42 0.4	47 0.5	91 0.9	250 2.5
13 BERGEN	4295	4289 100.0	99.9	9 0.2	20 0.5	33 0.8	51 1.2	158 3.7
14 SOGN OG FJ.	3469	3458 100.0	99.7	2 0.1	8 0.2	20 0.6	27 0.8	86 2.5

TABLE 9A
 BIRTH WEIGHT, MEAN BIRTH WEIGHT AND FREQUENCY OF BIRTH WEIGHTS
 2500 GRAMS OR LESS: BIRTHS 1967 AND 1968 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

(GRAM), ANTALL OG PRCSNT:							GJ.SN.	STAND.	ANTALL/
2500-	3000-	3500-	4000-	4500-	5000-	5500+	VEKT	AVVIK.	PROSENT
2999	3499	3999	4499	4999	5499				=<2500G
818	2296	2479	929	203	23	3	3466.4	598.1	377
11.5	32.3	34.8	13.1	2.9	0.3	0.0			5.2
1287	3638	3886	1451	319	44	5	3450.1	623.1	681
11.4	32.2	34.4	12.9	2.8	0.4	0.0			6.0
1815	4694	4560	1737	265	35	3	3403.5	620.1	905
13.0	33.6	32.6	12.4	1.9	0.3	0.0			6.4
629	1701	1734	657	145	21	2	3450.8	616.7	283
12.2	32.9	33.6	12.7	2.8	0.4	0.0			5.4
646	1607	1826	718	140	14	2	3448.1	612.8	313
11.8	33.1	33.5	13.2	2.6	0.3	0.0			5.7
853	1986	1992	801	135	24	1	3421.3	617.3	389
13.8	32.2	32.3	13.0	2.2	0.4	0.0			6.3
578	1684	1939	896	183	24	4	3509.7	628.2	278
10.4	30.2	34.8	16.1	3.3	0.4	0.1			4.9
519	1552	1707	739	153	15	3	3481.4	641.3	271
10.5	31.4	34.5	14.9	3.1	0.3	0.1			5.4
269	845	819	361	75	12	1	3466.5	618.0	153
10.6	33.4	32.3	14.3	3.0	0.5	0.0			6.0
556	1422	1481	571	124	16	4	3451.1	624.6	252
12.6	32.2	33.5	12.9	2.8	0.4	0.1			5.7
1254	3403	3564	1492	298	32	4	3468.2	588.8	563
11.8	32.1	33.7	14.1	2.8	0.3	0.0			5.3
1100	3113	3460	1431	303	35	5	3484.4	595.4	487
11.1	31.5	35.0	14.5	3.1	0.4	0.1			4.9
552	1479	1403	495	77	13	0	3397.2	612.5	285
12.9	34.5	32.7	11.5	1.8	0.3	0.0			6.6
334	1038	1218	584	124	17	0	3537.3	591.1	152
9.7	30.0	35.2	16.9	3.6	0.5	0.0			4.3

(CONTINUED)

TABELL 9A (CONT.)
 FØDSELSVEKT, GJENNOMSNIITTSVEKT OG HYPPIGHET AV PREMATURITET:
 FØDTE 1967 OG 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

MORENS BOSTEDSFYLKE	FØDTE: M/OPPL. VEKT:		V E K T F O R D E L I N G					
	TOTAL ANTALL	ANTALL		PRO- SENT	0- 499	500- 999	1000- 1499	1500- 1999
15 MØRE OG R. DA	8427	8396 100.0	99.6	27 0.3	26 0.3	43 0.5	88 1.0	200 2.4
16 SØR-TR. LAG	8539	8508 100.0	99.6	13 0.2	36 0.4	51 0.6	87 1.0	256 3.0
17 NORD-TR. LAG	4396	4390 100.0	99.9	10 0.2	13 0.3	33 0.8	41 0.9	117 2.7
18 NORDLAND	9594	9548 100.0	99.5	8 0.1	26 0.3	51 0.5	115 1.2	317 3.3
19 TROMS	5956	5919 100.0	99.4	11 0.2	31 0.5	29 0.5	79 1.3	170 2.9
20 FINNMARK	3649	3629 100.0	99.5	6 0.2	14 0.4	28 0.8	28 0.8	139 3.8
25 UTLANDET ABROAD	2	2 100.0	100.0	0 0.0	1 50.0	0 0.0	0 0.0	0 0.0
99 UOPPGITT UNKNOWN	4	0						
IALT TOTAL	135731	135285 100.0	99.7	0 0.0	251 0.1	576 0.4	853 0.6	1515 1.1

Birth weight was registered for 99.7 per cent of the births in 1967 and 1968. Average weight of all births was 3452.8 grams. Births to mothers with residence in the county of Sogn & Fjordane had the highest average weight. Births to mothers in Finnmark had the lowest average weight.

The percentage of premature births (births with a birth weight of 2500 grams or less) was 5.6 for the country as a whole and for both sexes combined. For male births, TABLE 9B, page 60 the percentage was 5.4 and, for female births, TABLE 9C,

TABLE 9A (CONT.)
 BIRTH WEIGHT, MEAN BIRTH WEIGHT AND FREQUENCY OF BIRTH WEIGHTS
 2500 GRAMS OR LESS: BIRTHS 1967 AND 1968 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

(GRAM), ANTALL OG PROSENT:							GJ.SN.	STAND.	ANTALL/
2500-	3000-	3500-	4000-	4500-	5000-	5500+	VEKT	AVVIK.	PROSENT
2999	3499	3999	4499	4999	5499				=<2500G
864	2614	2972	1267	264	29	2	3502.9	608.9	401
10.3	31.1	35.4	15.1	3.1	0.3	0.0			4.7
973	2842	2884	1134	207	25	0	3457.0	592.7	455
11.4	33.4	33.9	13.3	2.4	0.3	0.0			5.3
469	1420	1595	549	130	13	0	3475.1	600.4	220
10.7	32.3	36.3	12.5	3.0	0.3	0.0			5.0
1202	3324	3139	1138	194	28	6	3423.5	576.5	546
12.6	34.8	32.9	11.9	2.0	0.3	0.1			5.7
759	2067	1925	700	132	16	0	3418.8	604.5	341
12.8	34.9	32.5	11.8	2.2	0.3	0.0			5.7
501	1278	1169	376	85	3	2	3389.4	595.0	222
13.8	35.2	32.2	10.4	2.3	0.1	0.1			6.1
0	0	1	0	0	0	0	2030.0	2121.3	1
0.0	0.0	50.0	0.0	0.0	0.0	0.0			50.0
4089	15978	44202	45753	18026	3556	439	3452.8	615.8	7575
3.0	11.8	32.6	33.8	13.3	2.6	0.3			5.6

page 64 , 5.8 . The percentage of premature was highest in the cities of Oslo and Bergen, lowest in the county of Sogn & Fjordane.

TABELL 9B
 FØDSELSVEKT, GJENNOMSNIITTSVEKT OG HYPPIGHET AV PREMATURITET:
 GUTTER FØDT 1967 OG 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

MØRENS BOSTEDSFYLKE	FØDTE: M/OPPL. V E K T F Ø R D E L I N G		PRO- SENT	DISTRIBUTION OF BIRTHWEIGHTS				
	TOTAL ANTALL	ANTALL		0- 499	500- 999	1000- 1499	1500- 1999	2000- 2499
01 ØSTFOLD	3636	3632 100.0	99.9	4 0.1	22 0.6	23 0.6	38 1.0	93 2.6
02 AKERSHUS	5937	5915 100.0	99.6	9 0.2	31 0.5	52 0.9	65 1.1	164 2.8
03 OSLO	7120	7101 100.0	99.7	24 0.3	37 0.5	64 0.9	79 1.1	227 3.2
04 HEDMARK	2696	2691 100.0	99.8	6 0.2	14 0.5	15 0.6	34 1.3	79 2.9
05 OPPLAND	2842	2828 100.0	99.5	5 0.2	14 0.5	18 0.6	34 1.2	85 3.0
06 BUSKERUD	3171	3167 100.0	99.9	2 0.1	14 0.4	26 0.8	42 1.3	101 3.2
07 VESTFOLD	2908	2904 100.0	99.9	7 0.2	15 0.5	17 0.6	24 0.8	63 2.2
08 TELEMAR	2560	2544 100.0	99.4	7 0.3	8 0.3	25 1.0	27 1.1	53 2.1
09 AUSTAGDER	1342	1331 100.0	99.2	1 0.1	7 0.5	6 0.5	16 1.2	46 3.5
10 VESTAGDER	2243	2237 100.0	99.7	5 0.2	6 0.3	11 0.5	28 1.3	56 2.5
11 ROGALAND	5484	5474 100.0	99.8	2 0.0	9 0.2	40 0.7	63 1.2	144 2.6
12 HORDALAND	5041	5025 100.0	99.7	7 0.1	19 0.4	23 0.5	40 0.8	119 2.4
13 BERGEN	2190	2187 100.0	99.9	3 0.1	11 0.5	17 0.8	24 1.1	82 3.7
14 SOGN OG FJ.	1820	1816 100.0	99.8	2 0.1	5 0.3	10 0.6	12 0.7	44 2.4

TABLE 9B
 BIRTH WEIGHT, MEAN BIRTH WEIGHT AND FREQUENCY OF BIRTH WEIGHTS
 2500 GRAMS OR LESS: MALE BIRTHS 1967 AND 1968 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

(GRAM), ANTALL OG PROSENT:							GJ.SN.	STAND.	ANTALL/
2500-	3000-	3500-	4000-	4500-	5000-	5500+	VEKT	AVVIK.	PROSENT
2999	3499	3999	4499	4999	5499				=<2500G
346	1057	1332	561	139	15	2	3522.9	626.5	185
9.5	29.1	36.7	15.4	3.8	0.4	0.1			5.0
568	1739	2114	934	200	35	4	3510.6	640.6	332
9.6	29.4	35.7	15.8	3.4	0.6	0.1			5.6
810	2136	2444	1070	180	27	3	3461.8	648.9	446
11.4	30.1	34.4	15.1	2.5	0.4	0.0			6.2
290	803	957	388	93	10	2	3490.9	639.8	153
10.8	29.8	35.6	14.4	3.5	0.4	0.1			5.6
273	842	994	456	96	11	0	3509.8	632.6	162
9.7	29.8	35.1	16.1	3.4	0.4	0.0			5.7
385	961	1061	473	82	19	1	3466.8	632.8	190
12.2	30.3	33.5	14.9	2.6	0.6	0.0			5.9
254	802	1029	549	123	18	3	3570.1	638.9	133
8.7	27.6	35.4	18.9	4.2	0.6	0.1			4.5
216	722	924	447	102	11	2	3551.0	643.9	126
8.5	28.4	36.3	17.6	4.0	0.4	0.1			4.9
117	387	468	226	47	9	1	3530.7	636.6	77
8.8	29.1	35.2	17.0	3.5	0.7	0.1			5.7
234	632	828	342	78	13	4	3531.3	624.2	109
10.5	28.3	37.0	15.3	3.5	0.6	0.2			4.8
540	1620	1912	917	202	23	2	3532.0	603.7	264
9.9	29.6	34.9	16.8	3.7	0.4	0.0			4.8
501	1425	1820	835	210	23	3	3543.7	610.9	224
10.0	28.4	36.2	16.6	4.2	0.5	0.1			4.4
228	702	752	309	50	9	0	3451.4	623.0	144
10.4	32.1	34.4	14.1	2.3	0.4	0.0			6.5
153	501	643	352	83	11	0	3584.3	608.7	79
8.4	27.6	35.4	19.4	4.6	0.6	0.0			4.3

(CONTINUED)

TABELL 9B (CONT.)

FØDSELSVEKT, GJENNOMSNIITTSVEKT OG HYPPIGHET AV PREMATURITET:
GUTTER FØDT 1967 OG 1968 GRUPPERT ETTER MORENS
BOSTEDSFYLKE

MØRENS BOSTEDSFYLKE	FØDTE: M/OFPL. VEKT:		V E K T F C R D E L I N G	D I S T R I B U T I O N				
	TOTAL ANTALL	ANTALL		PRO- SENT	0- 499	500- 999	1000- 1499	1500- 1999
MOTHERS COUNTY OF RESIDENCE	BIRTHS: C/KNOWN TOTAL NUMBER		WGHT PER- CENT	DISTRIBUTION OF BIRTHWEIGHTS 0- 500- 1000- 1500- 2000- 499 999 1499 1999 2499				
15 MØRE OG R. DA	4346	4332 100.0	99.7	17 0.4	16 0.4	24 0.6	46 1.1	103 2.4
16 SØR-TR. LAG	4376	4362 100.0	99.7	8 0.2	18 0.4	34 0.8	44 1.0	109 2.5
17 NORD-TR. LAG	2216	2214 100.0	99.9	7 0.3	6 0.3	15 0.7	26 1.2	62 2.8
18 NORDLAND	5012	4994 100.0	99.6	6 0.1	8 0.2	24 0.5	51 1.0	161 3.2
19 TROMS	3040	3021 100.0	99.4	7 0.2	20 0.7	12 0.4	43 1.4	93 3.1
20 FINNMARK	1862	1851 100.0	99.4	3 0.2	6 0.3	13 0.7	13 0.7	63 3.4
25 UTLANDET ABROAD	2	2 100.0	100.0	0 0.0	1 50.0	0 0.0	0 0.0	0 0.0
99 UOPPGITT UNKNOWN	2	0						
IALT TOTAL	69846	69628 100.0	99.7	0 0.0	132 0.1	287 0.4	469 0.6	749 1.0

TABLE 9B (CONT.)
 BIRTH WEIGHT, MEAN BIRTH WEIGHT AND FREQUENCY OF BIRTH WEIGHTS
 2500 GRAMS OR LESS: MALE BIRTHS 1967 AND 1968 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

(GRAM), ANTALL OG PROSENT:							GJ.SN.	STAND.	ANTALL/
2500-	3000-	3500-	4000-	4500-	5000-	5500+	VEKT	AVVIK.	PROSENT
2999	3499	3999	4499	4999	5499				=<2500G
(GRAMS), NUMBER AND PERCENT:							MEAN	STAND.	NUMBER/
2500-	3000-	3500-	4000-	4500-	5000-	5500+	BIRTH	DEVIATION	PERCENT
2999	3499	3999	4499	4999	5499		WEIGHT		=<2500G
370	1189	1602	765	179	19	2	3557.2	642.9	214
8.5	27.4	37.0	17.7	4.1	0.4	0.0			4.9
443	1282	1562	707	139	16	0	3516.2	622.0	216
10.2	29.4	35.8	16.2	3.2	0.4	0.0			4.9
196	681	799	322	88	12	0	3519.2	629.5	119
8.9	30.8	36.1	14.5	4.0	0.5	0.0			5.3
518	1557	1777	728	139	22	3	3498.9	591.7	264
10.4	31.2	35.6	14.6	2.8	0.4	0.1			5.2
338	948	1039	419	91	11	0	3466.0	636.3	186
11.2	31.4	34.4	13.9	3.0	0.4	0.0			6.1
224	599	632	229	64	3	2	3457.4	609.7	102
12.1	32.4	34.1	12.4	3.5	0.2	0.1			5.5
0	0	1	0	0	0	0	2030.0	2121.3	1
0.0	0.0	50.0	0.0	0.0	0.0	0.0			50.0
1947	7004	20585	24690	11029	2385	317	3511.9	630.4	3726
2.7	10.0	29.5	35.4	15.8	3.4	0.4			5.4

TABELL 9C
 FØDSELSVEKT, GJENNOMSNITTSVEKT OG HYPPIGHET AV PREMATURITET:
 PIKER FØDT 1967 OG 1968 GRUPPERT ETTER MØRENS BOSTEDSFYLKE

MØRENS BOSTEDSFYLKE	FØDTE: M/UPPL.VEKT:		V E K T F O R D E L I N G					
	TOTAL ANTALL	ANTALL PRØ- SENT	0- 499	500- 999	1000- 1499	1500- 1999	2000- 2499	
01 ØSTFOLD	3490	3483 100.0	99.8	1 0.0	15 0.4	17 0.5	35 1.0	116 3.3
02 AKERSHUS	5390	5373 100.0	99.7	17 0.3	26 0.5	38 0.7	62 1.2	194 3.6
03 OSLO	6898	6881 100.0	99.8	21 0.3	32 0.5	44 0.6	106 1.5	239 3.5
04 HEDMARK	2479	2474 100.0	99.8	2 0.1	11 0.4	16 0.6	20 0.8	79 3.2
05 OPPLAND	2638	2629 100.0	99.7	5 0.2	12 0.5	11 0.4	25 1.0	95 3.6
06 BUSKERUD	3006	3005 100.0	100.0	0 0.0	17 0.6	21 0.7	37 1.2	120 4.0
07 VESTFOLD	2676	2668 100.0	99.7	9 0.3	12 0.4	9 0.3	34 1.3	74 2.8
08 TELEMARK	2423	2403 100.0	99.2	5 0.2	20 0.8	14 0.6	30 1.2	70 2.9
09 AUSTAGDER	1205	1201 100.0	99.7	1 0.1	3 0.2	5 0.4	16 1.3	49 4.1
10 VESTAGDER	2188	2182 100.0	99.7	2 0.1	13 0.6	16 0.7	32 1.5	76 3.5
11 ROGALAND	5127	5116 100.0	99.8	4 0.1	18 0.4	29 0.6	61 1.2	173 3.4
12 HORDALAND	4875	4864 100.0	99.8	10 0.2	19 0.4	23 0.5	51 1.0	131 2.7
13 BERGEN	2103	2100 100.0	99.9	4 0.2	9 0.4	16 0.8	27 1.3	76 3.6
14 SOGN OG F.J.	1649	1642 100.0	99.6	0 0.0	3 0.2	10 0.6	15 0.9	42 2.6

TABLE 9C
 BIRTH WEIGHT, MEAN BIRTH WEIGHT AND FREQUENCY OF BIRTH WEIGHTS
 2500 GRAMS OR LESS: FEMALE BIRTHS 1967 AND 1968 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

(GRAM), ANTALL OG PROSENT:							GJ.SN.	STAND.	ANTALL/ PROSENT
2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500- 4999	5000- 5499	5500+	VEKT	AVVIK.	=<2500G
472	1239	1147	368	64	8	1	3408.5	569.4	191
13.6	35.6	32.9	10.6	1.8	0.2	0.0			5.4
719	1899	1772	517	119	9	1	3385.1	614.6	346
13.4	35.3	33.0	9.6	2.2	0.2	0.0			6.4
1005	2558	2116	667	85	8	0	3345.1	598.2	455
14.6	37.2	30.8	9.7	1.2	0.1	0.0			6.6
339	898	777	269	52	11	0	3407.3	587.9	130
13.7	36.3	31.4	10.9	2.1	0.4	0.0			5.2
373	965	832	262	44	3	2	3381.9	583.9	151
14.2	36.7	31.6	10.0	1.7	0.1	0.1			5.7
468	1025	931	328	53	5	0	3374.4	598.9	198
15.6	34.1	31.0	10.9	1.8	0.2	0.0			6.5
324	882	910	347	60	6	1	3444.0	611.3	145
12.1	33.1	34.1	13.0	2.2	0.2	0.0			5.4
303	830	783	292	51	4	1	3407.6	630.6	145
12.6	34.5	32.6	12.2	2.1	0.2	0.0			6.0
152	458	351	135	28	3	0	3395.3	589.4	76
12.7	38.1	29.2	11.2	2.3	0.2	0.0			6.3
322	790	653	229	46	3	0	3368.9	614.6	143
14.8	36.2	29.9	10.5	2.1	0.1	0.0			6.5
714	1783	1652	575	96	9	2	3400.5	587.1	298
14.0	34.9	32.3	11.2	1.9	0.2	0.0			5.8
599	1688	1640	596	93	12	2	3428.0	583.9	255
12.3	34.7	33.7	12.3	1.9	0.2	0.0			5.2
324	776	651	186	27	4	0	3343.6	589.7	139
15.4	37.0	31.0	8.9	1.3	0.2	0.0			6.6
181	537	575	232	41	6	0	3485.2	567.0	73
11.0	32.7	35.0	14.1	2.5	0.4	0.0			4.4

(CONTINUED)

TABELL 9C (CONT.)

FØDSELSVEKT, GJENNOMSNITTSVEKT OG HYPPIGHET AV PREMATURITET:
PIKER FØDT 1967 OG 1968 GRUPPERT ETTER MORENS BOSTEDSFYLKE

MØRENS BOSTEDSFYLKE	FØDTE: M/OPPL.VEKT:		PRO- SENT	V E K T F O R D E L I N G				
	TOTAL ANTALL	ANTALL		0- 499	500- 999	1000- 1499	1500- 1999	2000- 2499
15 MØRE OG R. DA	4078	4063 100.0	99.6	9 0.2	10 0.2	19 0.5	42 1.0	97 2.4
16 SØR-TR. LAG	4163	4146 100.0	99.6	5 0.1	18 0.4	17 0.4	43 1.0	147 3.5
17 NORD-TR. LAG	2180	2176 100.0	99.8	3 0.1	7 0.3	18 0.8	15 0.7	55 2.5
18 NORDLAND	4579	4554 100.0	99.5	2 0.0	18 0.4	27 0.6	64 1.4	156 3.4
19 TROMS	2915	2898 100.0	99.4	4 0.1	11 0.4	17 0.6	36 1.2	77 2.7
20 FINNMARK	1765	1777 100.0	99.6	2 0.1	8 0.5	15 0.8	15 0.8	76 4.3
25 UTLANDET ABROAD	0	0						
99 UOPPGITT UNKNOWN	2	0						
IALT TOTAL	65849	65635 100.0	99.7	0 0.0	106 0.1	282 0.4	382 0.5	766 1.1

TABLE 9C (CONT.)
 BIRTH WEIGHT, MEAN BIRTH WEIGHT AND FREQUENCY OF BIRTH WEIGHTS
 2500 GRAMS OR LESS: FEMALE BIRTHS 1967 AND 1968 GROUPED ACCORDING
 TO MOTHERS COUNTY OF RESIDENCE

(GRAM), ANTALL OG PROSENT:							GJ.SN.	STAND.	ANTALL/
2500-	3000-	3500-	4000-	4500-	5000-	5500+	VEKT	AVVIK.	PROSENT
2999	3499	3999	4499	4999	5499				=<2500G
(GRAMS), NUMBER AND PERCENT:							MEAN	STAND.	NUMBER/
2500-	3000-	3500-	4000-	4500-	5000-	5500+	BIRTH	DEVIA-	PERCENT
2999	3499	3999	4499	4999	5499		WEIGHT	TION	=<2500G
494	1425	1370	502	85	10	0	3445.7	580.4	186
12.2	35.1	33.7	12.4	2.1	0.2	0.0			4.5
530	1560	1322	427	68	9	0	3394.8	570.9	239
12.8	37.6	31.9	10.3	1.6	0.2	0.0			5.7
273	739	796	227	42	1	0	3430.2	566.2	101
12.5	34.0	36.6	10.4	1.9	0.0	0.0			4.6
684	1767	1362	410	55	6	3	3340.7	568.4	282
15.0	38.8	29.9	9.0	1.2	0.1	0.1			6.1
421	1119	886	281	41	5	0	3369.5	567.4	155
14.5	38.6	30.6	9.7	1.4	0.2	0.0			5.3
277	679	537	147	21	0	0	3320.2	567.1	119
15.6	38.2	30.2	8.3	1.2	0.0	0.0			6.6
2142	8974	23617	21063	6997	1171	122	3391.1	591.1	3827
3.2	13.6	35.9	32.0	10.6	1.7	0.1			5.8

TABELL 10
 ANTALL OG HYPPIGHET AV FØDTE MED EN ELLER FLERE MISDANNELSER,
 LIDELSER, SKADER: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDS- FYLKE	FØDTE: M/MISD./ ANTALL IALT	LID./SK. NR./1000	TOTAL ANTALL DIAGN.	FORDELING AV DIAGNOSER PÅ 16 NERVE ØYNE LEPPE RESP. CARD. SYST. ANSIKT GANE DIG. VASC.				
MOTHERS COUNTY OF RESIDENCE	BIRTHS: C/MALF./ TOTAL NUMBER	DIS./INJ. NUMBER PR. 1000	TOTAL & DIAGN. NUMBER	DISTRIBUTION OF DIAGNOSES IN NERV. EYE LIP/ RESP. CARD. SYST. FACE PALAT. DIG. VASC. (41) (42) (43) (44) (45)				
01 ØST- FOLD	7128	214 30.0	253	12 1.7	7 1.0	20 2.8	4 0.6	9 1.3
02 AKER- SHUS	11330	637 56.2	726	16 1.4	1 0.1	23 2.0	12 1.1	26 2.3
03 OSLO	14024	1238 88.3	1438	21 1.5	5 0.4	17 1.2	4 0.3	46 3.3
04 HED- MARK	5176	184 35.5	209	6 1.2	3 0.6	12 2.3	2 0.4	8 1.5
05 OPP- LAND	5480	238 43.4	265	13 2.4	2 0.4	13 2.4	1 0.2	7 1.3
06 BUSK- ERUD	6179	181 29.3	208	10 1.6	2 0.3	12 1.9	4 0.6	6 1.0
07 VEST- FOLD	5584	246 44.1	287	10 1.9	2 0.4	12 2.1	5 0.9	18 3.2
08 TELE- MARK	4983	327 65.6	364	13 2.6	0 0.0	7 1.4	3 0.6	4 0.8
09 AUST- AGDER	2547	77 30.2	86	5 2.0	0 0.0	6 2.4	2 0.8	3 1.2
10 VEST- AGDER	4431	156 35.2	193	13 2.9	4 0.9	9 2.0	8 1.8	4 0.9
11 ROGA- LAND	10614	301 28.4	360	10 0.9	5 0.5	17 1.6	2 0.2	4 0.4
12 HORD- ALAND	9924	505 50.9	619	16 1.6	4 0.4	16 1.6	5 0.5	11 1.1
13 BERG- EN	4295	222 51.7	281	6 1.4	0 0.0	8 1.9	1 0.2	3 0.7
14 S. OG FJ.	3469	135 38.9	161	1 0.3	2 0.6	6 1.7	2 0.6	4 1.2

TABLE 10
 NUMBER AND FREQUENCY OF NEWBORNS WITH ONE OR MORE MALFORMATION,
 DISEASE, INJURY: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
 MOTHERS COUNTY OF RESIDENCE

GRUPPER, ANTALL OG PR. 1000 FØDTE:

URO- EXTR. HOFTE MULT. DOWN ANDRE FØDS. ERY. ANOX. SVAKH ANDRE
 GEN. MISD. SYNDR. MISD. SKADE BLAST HYPOX TILST TILST

16 GROUPS, NUMBER AND PER 1000 BIRTHS:

URO- LIMBS HIP MULT. DOWN OTHER BIRTH ERY. ANOXI WEAK. OTHER
 GEN. MALF. SYNDR. MALF. INJ. BLAST HYPOX COND. COND.
 (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56)

8	32	11	4	10	6	11	25	43	12	39
1.1	4.5	1.5	0.6	1.4	0.8	1.5	3.5	6.0	1.7	5.5
26	75	81	8	12	13	26	55	123	56	175
2.3	6.6	7.1	0.7	1.1	1.1	2.3	4.9	10.9	4.9	15.4
122	228	141	5	19	30	58	58	184	48	452
8.7	16.3	10.1	0.4	1.4	2.1	4.1	4.1	13.1	3.4	32.2
4	30	35	1	6	4	3	12	30	8	45
0.8	5.8	6.8	0.2	1.2	0.8	0.6	2.3	5.8	1.5	8.7
10	37	40	1	5	6	15	14	42	12	47
1.8	6.8	7.3	0.2	0.9	1.1	2.7	2.6	7.7	2.2	8.6
13	27	23	2	5	3	3	20	27	7	44
2.1	4.4	3.7	0.3	0.8	0.5	0.5	3.2	4.4	1.1	7.1
19	36	22	4	12	9	34	19	45	7	33
3.4	6.4	3.9	0.7	2.1	1.6	6.1	3.4	8.1	1.3	5.9
5	25	133	2	7	8	12	21	44	21	59
1.0	5.0	26.7	0.4	1.4	1.6	2.4	4.2	8.8	4.2	11.8
4	10	16	0	2	3	1	4	17	4	9
1.6	3.9	6.3	0.0	0.8	1.2	0.4	1.6	6.7	1.6	3.5
6	21	32	1	5	3	11	14	22	7	33
1.4	4.7	7.2	0.2	1.1	0.7	2.5	3.2	5.0	1.6	7.4
9	35	80	4	11	9	12	26	67	8	61
0.8	3.3	7.5	0.4	1.0	0.8	1.1	2.4	6.3	0.8	5.7
5	50	62	4	4	12	21	69	109	8	223
0.5	5.0	6.2	0.4	0.4	1.2	2.1	7.0	11.0	0.8	22.5
2	18	32	0	1	1	14	27	43	6	119
0.5	4.2	7.5	0.0	0.2	0.2	3.3	6.3	10.0	1.4	27.7
9	17	10	4	1	5	11	21	22	1	45
2.6	4.9	2.9	1.2	0.3	1.4	3.2	6.1	6.3	0.3	13.0

(CONTINUED)

TABELL 10 (CONT.)
 ANTALL OG HYPPIGHET AV FØDTE MED EN ELLER FLERE MISDANNELSER,
 LIDELSER, SKADER: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER
 MORENS BOSTEDSFYLKE

MORENS BOSTEDS- FYLKE	FØDTE: M/MISD./ ANTALL IALT	LID./SK. NR./1000	TOTAL ANTALL DIAGN.	FORDELING AV DIAGNOSER PÅ 16 NERVE ØYNE LEPPE RESP. CARD. SYST. ANSIKT GANE DIG. VASC.				
MOTHERS COUNTY OF RESIDENCE	BIRTHS: C/MALF./ TOTAL NUMBER	DIS./INJ. NUMBER & PR. 1000	TOTAL NUMBER & DIAGN.	DISTRIBUTION OF DIAGNOSES IN NERV. EYE LIP/ RESP. CARD. SYST. FACE PALAT. DIG. VASC. (41) (42) (43) (44) (45)				
15 M. & R.	8427	296 35.1	348	16 1.9	5 0.6	21 2.5	7 0.8	11 1.3
16 S. TR. LAG	8539	434 50.8	550	18 2.1	8 0.9	8 0.9	4 0.5	12 1.4
17 N. TR. LAG	4396	294 66.9	346	3 0.7	2 0.5	5 1.1	4 0.9	24 5.5
18 NORD- LAND	9594	267 27.8	309	16 1.7	7 0.7	11 1.1	5 0.5	3 0.3
19 TROMS	5956	204 34.3	237	9 1.5	4 0.7	11 1.7	2 0.3	8 1.3
20 FINN- MARK	3649	82 22.5	97	7 1.9	2 0.5	5 1.4	1 0.3	1 0.3
25 UT- LAND	2	0 0.0	0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
99 UOPP- GITT	4	0 0.0	0	0 0.0	0 0.0	0 0.0	1 0.0	0 0.0
IALT TOTAL	135731	6238 46.0	7339	221 1.6	65 0.5	238 1.8	78 0.6	212 1.6

Altogether 6238 of the total 135731 births in 1967 and 1968 were registered with one or more malformation, disease or injury, i.e. 46.0 per 1000. The total number of such diagnoses in these two years was 7339, and of these about half were related to congenital malformations, the other half to birth injuries and conditions special to the perinatal period.

TABLE 10 reveals a rather great variation between counties in the frequency of registered conditions of the newborns, from a high 88.3 per 1000 births to mothers living in Oslo to a

TABLE 10 (CONT.)
 NUMBER AND FREQUENCY OF NEWBORNS WITH ONE OR MORE MALFORMATION,
 DISEASE, INJURY: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
 MOTHERS COUNTY OF RESIDENCE

GRUPPER, ANTALL OG PR. 1000 FØDTE:										
URO- GEN.	EXTR.	HOFTE	MULT. MISD.	DOWN SYNDR.	ANDRE MISD.	FØDS. SKADE	ERY. BLAST	ANOX. HYPOX	SVAKH TILST	ANDRE TILST
16 GROUPS, NUMBER AND PER 1000 BIRTHS:										
URO- GEN. (46)	LIMBS (47)	HIP (48)	MULT. MALF. (49)	DOWN SYNDR. (50)	OTHER MALF. (51)	BIRTH INJ. (52)	ERY. BLAST (53)	ANOXI HYPOX (54)	WEAK. COND. (55)	OTHER COND. (56)
8 0.9	26 3.1	52 6.2	4 0.5	9 1.1	5 0.6	12 1.4	43 5.1	65 7.7	20 2.4	44 5.2
24 2.8	36 4.2	59 6.9	1 0.1	6 0.7	8 0.9	31 3.6	45 5.3	63 7.4	13 1.5	214 25.1
14 3.2	18 4.1	69 15.7	2 0.5	4 0.9	6 1.4	20 4.5	22 5.0	62 14.1	7 1.6	84 19.1
10 1.0	29 3.0	67 7.0	3 0.3	5 0.5	5 0.5	12 1.3	16 1.7	61 6.4	10 1.0	49 5.1
9 1.5	35 5.9	54 9.1	5 0.8	6 1.0	10 1.7	9 1.5	4 0.7	28 4.7	5 0.8	39 6.5
6 1.6	25 6.9	9 2.5	1 0.3	1 0.3	1 0.3	6 1.6	3 0.8	15 4.1	4 1.1	10 2.7
0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
313 2.3	810 6.0	1028 7.6	56 0.4	131 1.0	147 1.1	322 2.4	518 3.8	1112 8.2	264 1.9	1824 13.4

low 22.5 per 1000 births to mothers with residence in the county of Finnmark. A greater part of this variation can most likely be attributed to differences in registration practices. It is less likely that the variation is an expression of real geographical differences in the appearance of congenital malformations. This suggestion is strengthened by the fact that there is no association by county between the rates of registered conditions of the newborns and the mortality rates.

TABELL 11
 FORDELING ETTER MORENS BOSTEDSFYLKE: ANTALL FØDTE 1967 OG
 1968 MED MISDANNELSE OG RATE PR. 1000 FØDTE IALT
 I FORSKJELLIGE GRUPPER AV FØDTE

GRUPPERING AV FØDTE	HELE LANDET TOTAL COUNTRY	MORENS BOSTEDSFYLKE (ANTALL MED MISDANNE MOTHERS COUNTY OF RESIDENCE (NUMBER WITH ØST- AKER OSLO HED- OPP- BUSK VEST TELE FOLD SHUS MARK LAND ERUD FOLD MARK (01) (02) (03) (04) (05) (06) (07) (08)							
BY SEX:									
GUTTER BOYS	1427 20.4	55 15.1	121 20.3	302 42.4	37 13.7	52 18.2	52 16.3	77 26.4	85 33.2
PIKER GIRLS	1553 23.6	58 16.6	143 26.5	288 41.7	63 25.4	77 29.1	41 13.6	52 19.4	105 43.3
BY MOTHERS AGE:									
<20 ÅR (YRS)	211 22.8	7 11.2	21 32.4	45 57.4	8 19.1	12 32.2	7 15.6	12 28.3	11 26.0
20-29 ÅR (YRS)	1938 21.7	74 15.6	162 21.6	399 40.9	67 20.1	70 19.1	60 14.2	60 21.3	135 41.0
30-39 ÅR (YRS)	683 21.0	29 17.9	71 24.4	124 38.9	21 16.8	40 31.7	24 17.6	29 23.0	38 34.5
40+ ÅR (YRS)	157 33.7	3 19.6	11 36.4	22 69.6	4 22.0	7 36.8	3 17.7	6 49.6	6 34.8
BY MARITAL STAT.									
GIFT MARRIED	2805 21.9	108 15.7	254 23.2	556 42.6	95 19.3	120 22.9	92 15.4	123 22.7	182 37.9
UGIFT UNMARRIED	172 24.7	4 15.1	9 25.5	30 33.6	5 19.3	9 36.4	2 9.5	6 37.0	6 35.0
BY PARITY:									
1. FØDSEL 1ST CONFINEM.	1263 24.7	44 16.1	118 26.1	314 44.9	34 17.4	46 22.6	40 15.5	63 29.0	71 38.1
2. FØDSEL 2ND CONFINEM.	825 20.4	32 13.7	75 20.0	176 38.7	29 16.5	36 21.6	26 13.1	29 16.7	63 39.8
3. FØDSEL 3RD CONFINEM.	501 20.5	20 15.7	39 19.7	73 39.8	20 20.5	24 24.3	15 14.2	25 24.6	36 41.2
=>4 FØDSEL =>4TH CONFINEM	400 20.3	17 21.0	33 29.7	27 41.0	17 24.6	23 28.8	13 22.3	12 18.0	20 29.8
ALLE FØDTE TOTAL BIRTHS	2989 22.0	113 15.9	265 23.4	590 42.1	100 19.3	129 23.5	94 15.2	129 23.1	190 38.1
(21) SVALBARD, (25) UTLANDET, ABROAD, (59) UOPPGITT BOSTEDSFYLKE									

TABLE 11
DISTRIBUTION BY MOTHERS COUNTY OF RESIDENCE:NUMBER OF NEWBORNS
1967 AND 1968 WITH MALFORMATION AND RATE PER 1000 BIRTHS
IN VARIOUS GROUPS OF NEWBORNS

LSE OG RATE PR.1000 FØDTE IALT)													
MALFORMATION AND RATE PER 1000 BIRTHS)													
AUST	VEST	ROGA	HORD	BERG	SOGN	M&R.	SØR-	NORD	NORD	TROM	FINN	(21)	
AGDR	AGOR	LAND	ALD.	EN	ØFJ.	DAL	TR.L	TR.L	LAND	S	MARK	(25)	
(09)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(99)	
33	38	79	78	27	28	65	85	55	66	68	24	0	
24.5	16.9	14.4	15.4	12.3	15.3	14.9	19.4	24.8	13.1	22.3	12.8	0.0	
14	50	85	95	39	28	81	78	85	77	68	26	0	
11.6	22.8	16.5	19.4	18.5	16.9	19.8	18.7	38.9	16.8	23.3	14.5	0.0	
1	5	11	16	6	0	3	8	7	11	15	5	0	
5.3	20.2	16.1	30.8	26.2	0.0	5.1	13.0	20.1	14.9	30.6	15.1	0.0	
29	55	118	111	43	28	100	108	84	97	85	33	0	
18.0	19.2	17.0	17.4	14.4	13.6	18.7	18.5	29.0	15.8	22.2	14.1	0.0	
15	22	26	35	15	22	31	38	39	27	31	6	0	
23.0	19.0	9.8	13.3	14.9	21.2	14.4	20.9	39.5	11.5	22.3	7.1	0.0	
2	6	12	14	2	6	13	9	10	8	5	6	0	
20.2	33.8	31.9	32.7	20.8	28.4	35.2	31.0	57.4	20.6	19.6	39.4	0.0	
46	86	162	168	62	56	142	149	132	122	112	38	0	
16.8	20.0	15.6	17.4	15.2	16.5	17.5	19.5	32.0	14.2	21.6	12.3	0.0	
1	2	4	7	4	0	5	14	8	20	24	12	0	
10.3	17.2	16.8	26.7	20.1	0.0	15.5	28.5	29.6	19.8	31.1	21.3	0.0	
19	31	63	77	33	11	49	74	49	49	56	22	0	
21.1	21.2	17.7	22.9	17.9	10.4	16.8	22.1	33.5	15.2	26.7	17.5	0.0	
12	21	46	44	23	21	37	39	30	41	37	8	0	
17.2	15.7	14.9	15.9	17.3	22.7	16.4	15.5	24.6	15.6	22.4	8.8	0.0	
8	21	28	35	8	8	33	28	32	26	15	7	0	
15.2	23.4	13.1	17.9	11.4	11.8	19.8	19.9	36.8	13.9	14.3	11.1	0.0	
8	15	30	20	2	16	28	22	29	27	28	13	0	
18.6	20.1	16.1	10.7	4.6	19.5	17.4	18.1	34.1	14.1	23.7	15.1	0.0	
47	38	167	176	66	56	147	163	140	143	136	50	0	
16.5	19.9	15.7	17.7	15.4	16.1	17.4	19.1	31.8	14.9	22.8	13.7	0.0	

FOR MOREN ,MOTHERS COUNTY OF RESIDENCE UNKNOWN

In TABLE 11 a distribution by mother's county of residence is presented of the 2989 newborns in 1967 and 1968 which were registered with one or more congenital malformation (diagnostic groups 41-51 in TABLE 10, page 68). The newborns have been grouped by sex, age of mother, marital status of mother, and by parity.

For the country as a whole malformations were registered somewhat more frequently in girls than in boys. For both sexes combined, frequency of malformation seems to be independent of mothers age up to the age of 40 years. Above this age a 60 per cent higher frequency of malformation is encountered.

Children born out of wedlock have a somewhat higher frequency of malformations than children born to married mothers; the figures were 24.7 against 21.9 per 1000 births. This difference may for the most part be accounted for by the fact that unmarried mothers are predominately primiparae, which, as can be seen from the table, is associated with a 20 per cent higher frequency of malformations.

It is to be noted that the rather great variation in the frequency of malformations between counties is believed for the most part to be due to differences in registration practices (see page 9).

S E C T I O N I I

MORTALITY AT TIME OF BIRTH AND SURVIVAL DURING THE FIRST YEAR OF LIFE.

Of the births in 1967 and 1968, 971.1 per 1000 were alive at the end of the first year after birth. From TABLE 12, page 88, it can be seen that of the 28.9 per 1000 that did not survive the first year, 10.6 were dead before labour, 4.4 died during labour, 5.3 died within the first 24 hours after birth, 3.8 died during the remainder of the first week, 1.3 died during the remainder of the neonatal period, and 3.5 during the post-neonatal period.

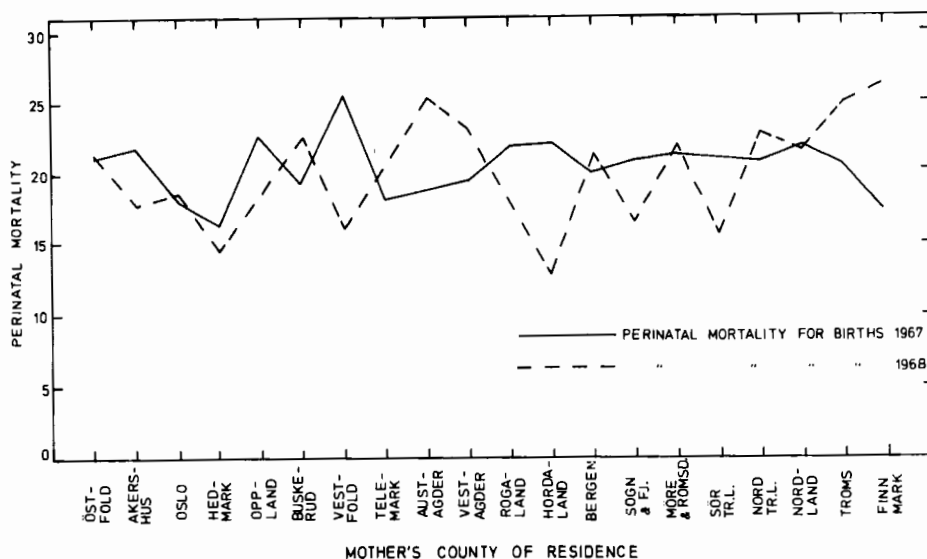
In this section data will be presented for a preliminary study of the effect on perinatal and infant mortality of various factors, such as: mother's county of residence, type of institution and other place of birth, precise time of birth, age, parity and marital status of the mother, registered diseases of the mother, conditions related to delivery, gestational age and birth weight, and registered conditions of the newborns.

Mother's county of residence.

TABLE 12, page 88, reveals that the mortality before and during labour, as well as the mortality shortly after birth, varied from county to county. Perinatal mortality, e.g., was lowest (15.5) for births to mothers with residence in the county of HEDMARK, highest (22.6) for births to mothers residing in the county of TROMS. Too much emphasis should however not be placed on these differences between counties, since substantial differences may be observed from one year to the next within the same county as is illustrated by DIAGRAM 1.

DIAGRAM 1.

PERINATAL MORTALITY 1967 AND 1968 ACCORDING TO MOTHER'S COUNTY OF RESIDENCE



Type of institution.

Mortality rates according to type of institution and other place of birth are presented in TABLE 13, page 90. For the total of nearly 1800 births that took place at home, mortality rates were almost twice those of births that took place in an institution. Of the institutions, university clinics and regional hospitals had the higher mortality rates. This, no doubt, is a consequence of the selection of the more complicated cases for admission to the better equipped institutions.

Precise time of births.

Mortality in relation to calendar month of birth will be dealt with in Section III. Data on mortality rates in relation to day of week born is presented in TABLE 14, page 92.

DIAGRAM 2 A

RELATIVE PERINATAL MORTALITY ACCORDING TO DAY OF WEEK BORN FOR BIRTHS 1967 AND 1968.

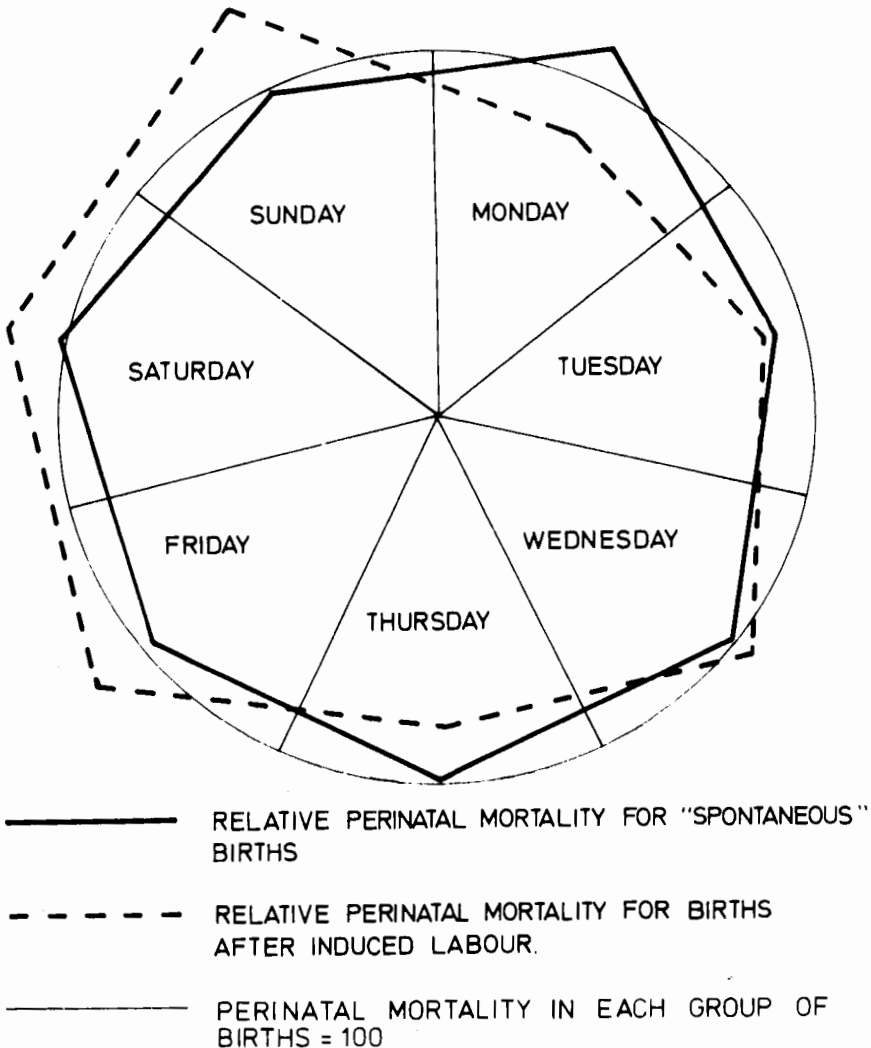


DIAGRAM 2 A illustrates the variation by day of week in perinatal mortality for births after induced labour and for births after spontaneous labour.

Perinatal mortality for spontaneous births varied little by day of week. In contrast, there is a rather pronounced variation for births after induced labour, with particularly high rates during week-ends. These high rates coincide with a relatively low daily number of births after induced labour during week-ends as can be seen from DIAGRAM 2 B. This association would suggest that births that are induced during week-ends may not be representative of births after induced labour as a whole.

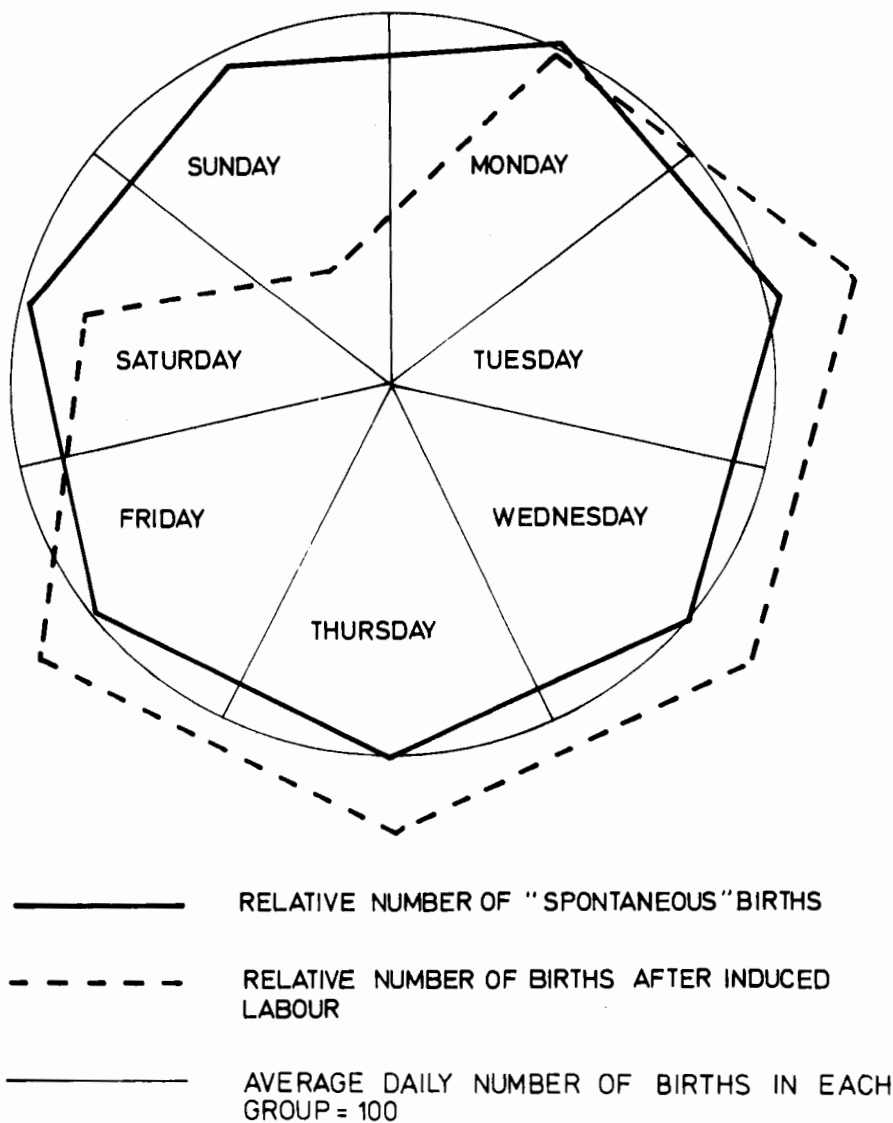
Mortality rates in relation to the hour of the day birth took place are presented in TABLE 15, page 94. Rates are based on births of 1968 only since the information is not available for births of 1967. Spontaneous births appear to have the lowest perinatal mortality during the first eight hours of the day when, in fact, the highest number of such births take place. The highest number of births after induced labour take place from noon to 8 P.M. during which hours this type of birth appears to have the lowest perinatal mortality.

Age, parity and marital status of the mother.

Mortality rates of births in relation to mother's age, parity and marital status are presented in TABLE 16, page 96. In general, the lowest rates are observed in births to mothers 20-29 years of age. Of such births 973.6 per 1000 survived the first year, in contrast to only 949.8 per 1000 of those born to mothers 40 years and older. Births to mothers of less than 20 years of age experienced a relatively unfavourable survival, which seems to be due for the greater part to an exceptionally high neonatal mortality. The stillbirth rate, on the other hand, was quite low for these births.

DIAGRAM 2 B

RELATIVE NUMBER OF BIRTHS BY DAY OF WEEK.
BIRTHS 1967 AND 1968.



With respect to the effect of parity it can be seen from TABLE 16 that survival was most favorable for the 2nd and 3rd child. Marital status apparently is a significant factor with, in general, about a 50 per cent higher mortality of births to unmarried mothers.

Registered diseases of the mother.

The effect on mortality rates of various conditions of the mother will appear from TABLE 17, page 98. There were in 1967-68 altogether 22,609 births to mothers with one or more registered disease or some other condition. These 22,609 births had a perinatal mortality that was about 3.5 times higher than that of births to mothers with no registered disease. The postneonatal mortality was essentially no different in the two groups.

The survival of births to diabetic mothers was particularly unfavorable, with only 811.8 per 1000 alive at the end of the first year. More than 10 per cent of those born to diabetic mothers were dead at birth. Nearly 10 per cent more died during the first year of life.

Of other conditions of the mother which appear to be associated with a high perinatal and infant mortality, are hemorrhage in pregnancy, toxemia, special gynecologic and obstetric complications, and viral infections in pregnancy.

Conditions related to delivery.

About 10 per cent of the births took place after induction of labour. Perinatal mortality of these births was, as can be seen from TABLE 18, page 102, 42.4 per 1000 as against 17.3 for births where labour was not induced. A direct comparison of these rates would however not be valid in absence of detailed knowledge of the indications for induction of labour. This of course, is also true, should one try to compare survival after different types of induction. However, it is to be no-

ted that the neonatal mortality after cesarean section was more than 7 times that of births where labour was not induced.

The importance for perinatal mortality of various types of complications during pregnancy and delivery can be studied from the data presented in TABLE 19, page 104. Mortality rates are high for births where placental complications were present. A relatively high proportion of such births were dead even before labour started. The group "Other complications" shows the highest mortality rates, but the number of births with such complications is modest. "Other complications" includes a variety of minor complications in addition to a number of serious conditions related to the foetus and the mother. Complications such as functional disorders, obstructions, hemorrhage after delivery, and birth canal injuries seem not, on the other hand, to be associated with an excess mortality.

With respect to the importance of interventions during labour, it appears from TABLE 20, page 108, that births after interventions experienced almost three times as high a mortality than births after no intervention. A proper interpretation of this difference, as well as the differences between various types of interventions, is dependent on knowledge of the nature of the underlying condition that led to the intervention in the first place, and to the choice of the particular type of intervention in the second place.

Gestational age and birth weight.

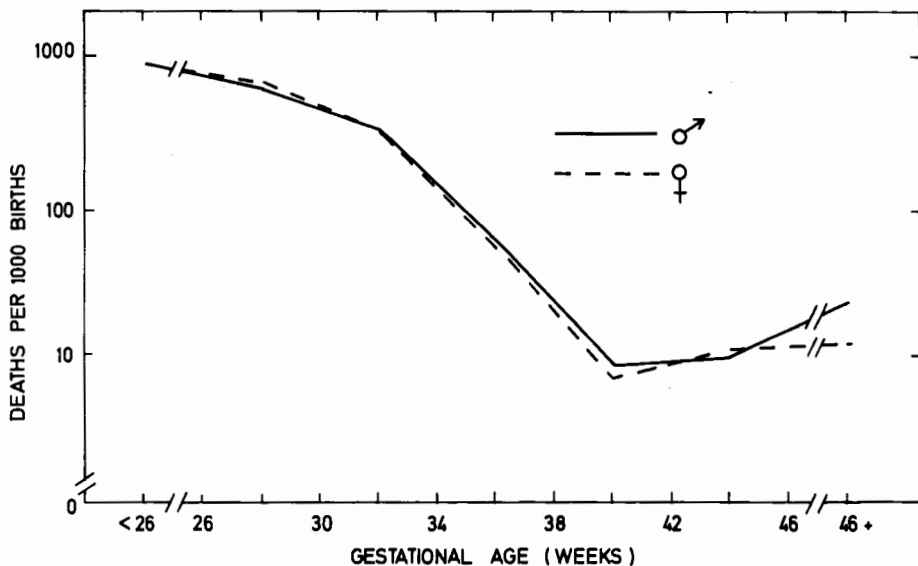
The relation between mortality and gestational age for total births and for female and male births separately, is presented in TABLES 21 A, B, and C. From TABLE 21 A, page 112, it may be seen that 72.8 per cent of the births take place after a gestational period of 40 ± 2 weeks, and that the perinatal mortality of these births was 7.6 per 1000. For births after 34-37 weeks of gestation perinatal mortality was more than 7 times as high. A very modest excess mortality was experienced

by births after a gestational period of 42-45 weeks.

Comparing the data presented in TABLE 21 B, page 114, and in TABLE 21 C, page 116, it will become apparent that the mortality rates for female births, in general, is lower than for male births of the same gestational age. The differences between the sexes with respect to perinatal mortality, still-birth rates, and neonatal mortality are illustrated in DIAGRAMS 3, 4, and 5 respectively. It may be seen that the most marked difference exists in neonatal mortality.

DIAGRAM 3

PERINATAL DEATHS PER 1000 BIRTHS 1967 AND 1968 BY GESTATIONAL AGE AND SEX.



The data presented in TABLE 22 A, page 118, allow a study of the relation between birth weight and perinatal and infant mortality. Of the births 33.7 per cent weighed between 3.5 and 4.0 kilograms. Almost 80 per cent had a birth weight between 3.0 and 4.5 kilograms. Mortality rates were lowest for those with a birth weight in the upper end of this weight range. Perinatal mortality, for example, was only 3.5 per 1000 births for those with a birth weight of 4.0 to 4.5 kilo-

DIAGRAM 4

NUMBER OF DEATHS AT BIRTH PER 1000 BIRTHS 1967 AND 1968 BY GESTATIONAL AGE AND SEX.

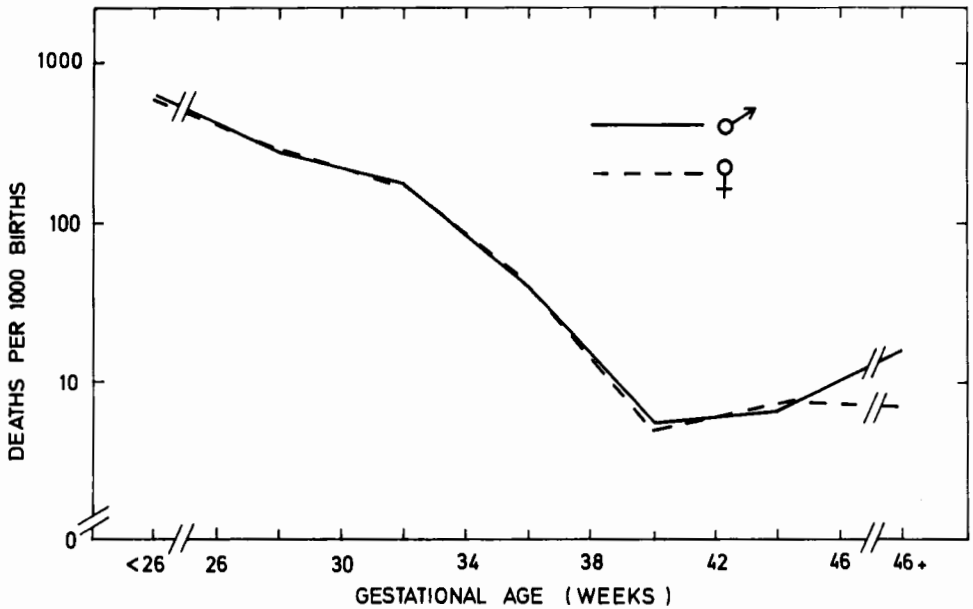
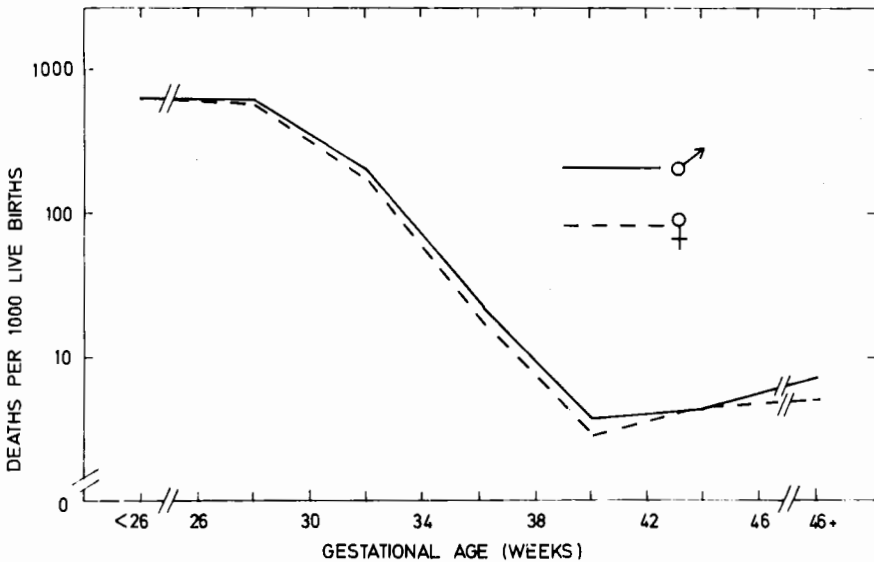


DIAGRAM 5

NEONATAL DEATHS PER 1000 LIVEBIRTHS 1967 AND 1968 BY GESTATIONAL AGE AND SEX.



grams. Chances of survival are greatly reduced for births with birth weights under 3.0 kilograms. For births with a weight of 2.0 to 2.5 kilograms perinatal mortality, for example, was more than 25 times higher than for births with weight of 4.0 - 4.5 kilograms.

Comparison of the data presented in TABLES 22 B and C, pages 120 - 123, will bring out the fact that female births experienced a more favorable survival than male births of the same birth weight. With respect to perinatal mortality this is illustrated in DIAGRAM 6.

A summary of the relation between birth weight and mortality before birth and during the first year of life is intended with DIAGRAM 7 for the total births, and DIAGRAM 8 for the two sexes separately.

DIAGRAM 6

PERINATAL MORTALITY BY SEX AND BIRTH WEIGHT.
BIRTHS 1967 AND 1968.

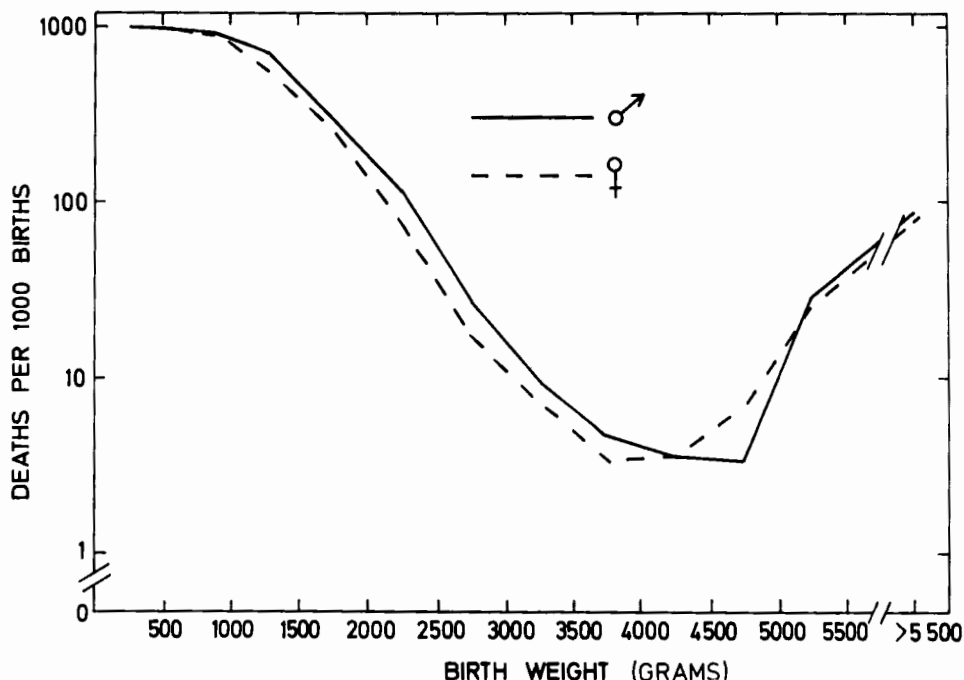


DIAGRAM 7

NUMBER OF DEATHS AT TIME OF BIRTH AND DURING THE FIRST YEAR OF LIFE PER 1000 BIRTHS ACCORDING TO BIRTH WEIGHT
TOTAL BIRTHS 1967 AND 1968

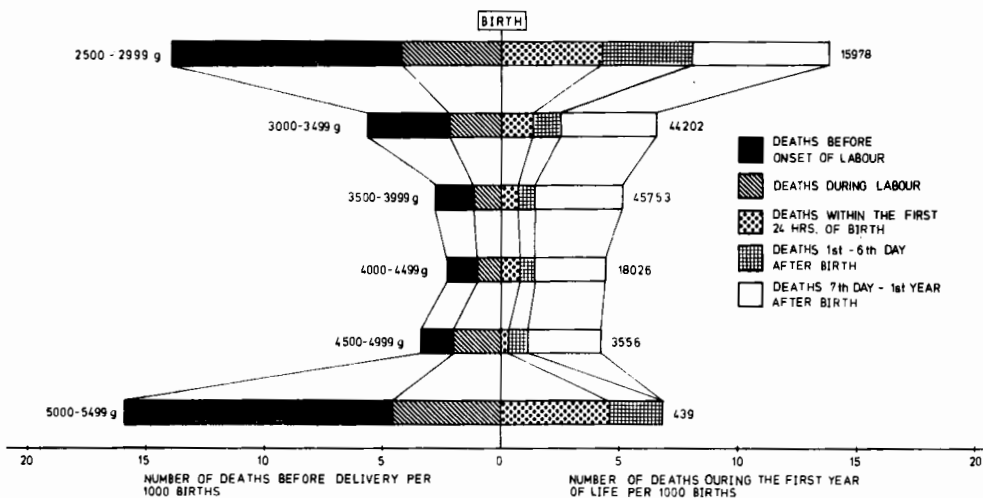
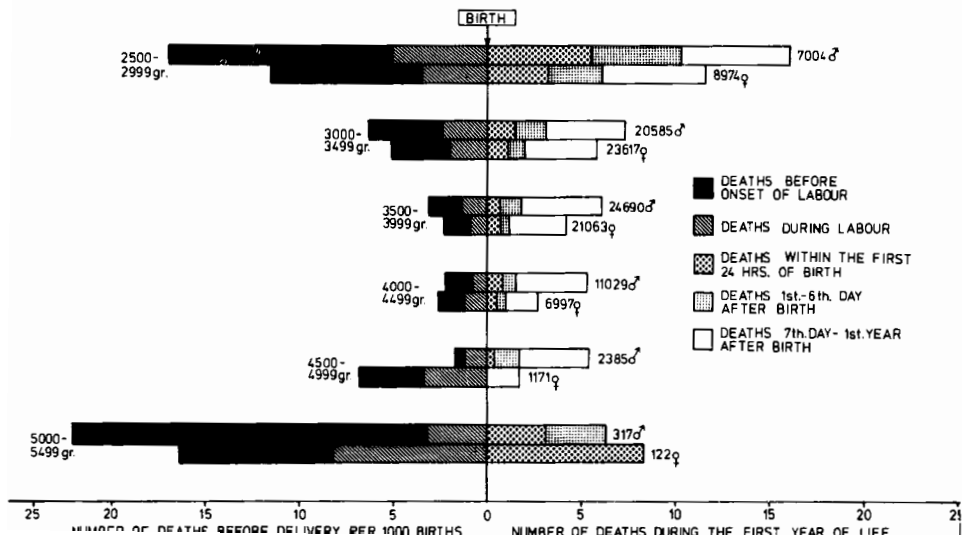


DIAGRAM 8

NUMBER OF DEATHS AT TIME OF BIRTH AND DURING THE FIRST YEAR OF LIFE PER 1000 BIRTHS
ACCORDING TO SEX AND BIRTH WEIGHT, BIRTH 1967 AND 1968.



Registered conditions of the newborns.

Of the 135.731 births in 1967 and 1968 one or more congenital malformation, disease or birth injury was registered for 6.239. From TABLE 23, page 124, it can be seen that only about 80 per cent of these births were alive at the end of the first year, as against 98 per cent of births with no registered condition at time of birth.

The least favorable survival was experienced in births with multiple malformations of which only 160.7 per 1000 survived the first year. The survival rate of births with malformations of the central nervous system was 262.4 per 1000, and 512.8 per 1000 for births with malformations of the respiratory or digestive organs. Survival rates were, in general, worse when a malformation existed in combination with others.

Some malformations, however, do not seem to be associated with any excess mortality if they exist alone, e.g. cleft lip and palate, malformations of the uro-genital system, and malformations of the hips and limbs.

Summary.

One way to attempt to summarize all the details presented in this section would be to define that birth which would have the most favorable survival. According to the present material this would be a birth of 2nd and later parity, born to a married mother of 20-29 years of age, after a gestational period of 38-41 weeks, with a birth weight of more than 2500 grams and with no registered malformation, disease or injury.

In 1967 and 1968 there were 34.847 births (25.7 per cent of total births) which fulfilled these criteria. One year after birth 993.7 per 1000 of these were still alive as compared to 971.1 for total births. Death had occurred (giving comparable figures for total births in parentheses) for 2.5 (15.0) per 1000 before birth for 0.4 (5.3) per 1000 during the first 24 hours after birth, for 0.3 (3.8) per 1000 during the remainder of the first week, for 0.4 (1.3) during the remainder of the neonatal period, and for 2.9 (3.5) per 1000 during the post-neonatal period.

While the perinatal mortality of these births was 3.0 per 1000 as against 20.0 for the total births, the postneonatal mortality was only slightly less, 2.9 as against 3.5 per 1000.

TABELL 12
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER MORENS
 BOSTEDSFYLKE

MORERS BOSTEDS- FYLKE	FØDTE IALT:		HERAV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
MOTHERS COUNTY OF RESIDENCE	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS <28 WEEKS	=>28 WEEKS	UN- KNOWN	NUMBER BEFORE LABOUR	ALIVE AT BIRTH
01 ØSTFOLD	7128	5.3	21	75	3	991.6	986.1
02 AKERSHUS	11330	8.3	51	124	4	988.2	984.2
03 OSLO	14024	10.3	94	138	2	989.3	983.3
04 HEDMARK	5176	3.8	22	37	2	992.7	988.2
05 OPPLAND	5480	4.0	21	69	3	988.3	983.0
06 BUSKERUD	6179	4.6	16	66	4	989.3	986.1
07 VESTFOLD	5584	4.1	29	63	3	987.5	983.0
08 TELEMARK	4983	3.7	25	49	1	989.0	984.9
09 AUSTAGDER	2547	1.9	6	40	3	983.1	980.8
10 VESTAGDER	4431	3.3	17	48	7	989.6	983.8
11 ROGALAND	10614	7.8	20	107	9	990.6	987.2
12 HORDALAND	9924	7.3	33	90	7	990.7	986.9
13 BERGEN	4295	3.2	15	53	1	991.2	983.9
14 SOGN OG FJ.	3469	2.6	3	34	1	991.9	989.0
15 MØRE-R. DAL	8427	6.2	36	95	0	988.3	984.5
16 SØR-TR. LAG	8539	6.3	22	91	5	989.5	986.2
17 NORD-TR. LAG	4396	3.2	11	52	3	988.6	985.0
18 NORDLAND	9594	7.1	14	126	8	988.6	984.6
19 TROMS	5956	4.4	19	64	6	989.8	985.1
20 FINNMARK	3649	2.7	11	42	7	987.4	983.6
25 UTLANDET	2	0.0	1	1	0	1000.0	0.0
99 UOPPGITT	4	0.0	0	0	0	1000.0	1000.0
TOTAL	135731	100.0	487	1464	79	989.4	985.0

TABLE 12
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
MOTHERS COUNTY OF RESIDENCE

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
980.9	975.4	974.5	972.1	10.6	15.8	21.3	11.8	2.4
979.1	975.5	973.8	970.6	11.0	16.1	19.8	10.6	3.2
978.1	975.0	973.7	970.6	9.9	15.1	18.3	9.8	3.1
983.2	979.9	978.6	976.4	7.2	12.2	15.5	9.8	2.2
978.1	975.0	973.9	970.6	12.6	17.6	20.7	9.3	3.3
979.4	975.9	974.3	971.7	10.7	17.4	20.9	12.0	2.6
977.4	973.7	973.1	970.3	11.3	16.9	20.7	10.0	2.9
980.5	975.5	975.1	972.3	9.9	14.3	19.4	10.0	2.9
978.8	974.5	972.1	966.2	15.8	17.7	22.1	8.8	6.0
978.3	973.4	971.3	967.7	10.9	16.3	21.3	12.6	3.7
981.8	977.9	976.4	973.4	10.1	15.5	19.5	10.9	3.1
982.4	978.6	977.9	974.3	9.1	13.7	17.4	9.1	3.7
979.7	975.8	973.7	971.8	12.4	16.6	20.6	10.4	1.9
983.6	980.1	979.2	976.1	9.8	15.3	18.8	9.9	3.2
978.0	974.2	973.2	968.3	11.3	17.8	21.6	11.5	4.9
981.6	978.7	977.2	972.7	10.7	15.3	18.2	9.1	4.5
979.1	975.2	974.3	972.5	11.9	17.8	21.7	10.9	1.8
978.9	976.0	974.5	968.8	13.2	18.8	21.7	10.3	5.7
978.0	973.3	971.5	967.4	10.8	17.9	22.6	13.8	4.1
976.4	973.4	971.8	967.1	11.6	18.7	21.8	12.0	4.7
0.0	0.0	0.0	0.0	1000.0	1000.0	1000.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	1000.0	1000.0	1000.0	0.0
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 13
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅRS: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER TYPE AV
 FØDESTED

TYPE AV FØDESTED	FØDTE IALT:		HERAV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
INSTITUTIDN/ OTHER PLACE OF BIRTH	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS		NUMBER ALIVE BEFORE AT	LABOUR BIRTH	
			<28 WEEKS	=>28 WEEKS	UN- KNOWN		
TOTAL IN INST.	133476	98.3	469	1413	74	989.7	985.3
UNIV. HOSP. (1,2)	28385	20.9	148	363	10	987.6	981.6
REGIONAL HOSP. (3)	61451	45.3	267	769	45	987.0	982.4
OTHER HOSP. (4,6)	20704	15.3	41	169	9	993.6	989.4
NURS. HOMES (5,7,8)	22936	16.9	13	112	10	995.8	994.1
OUTSIDE INST. & NUD	2255	1.7	18	51	5	974.3	967.2
AT HOME (9)	1800	1.3	9	31	2	980.0	976.7
OTHER PLACE (0,0)	333	0.2	9	19	1	936.9	912.9
UNKNOWN, NUD (-,1)	122	0.1	0	1	2	991.8	975.4
TOTAL	135731	100.0	487	1464	79	989.4	985.0

TABLE 13

SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO INSTITUTION/OTHER PLACE OF BIRTH

PR.1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR.1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
980.3	976.6	975.3	971.8	10.6	15.7	19.5	10.2	3.5
975.7	971.8	970.4	966.6	12.9	18.8	22.7	11.4	3.9
976.3	972.1	970.8	967.4	12.6	18.8	22.9	11.8	3.4
985.4	981.7	980.5	977.8	8.2	12.2	15.9	9.0	2.7
992.0	989.7	988.5	984.7	4.9	7.0	9.3	5.6	3.8
945.0	939.7	937.0	931.3	22.8	45.3	50.6	31.2	6.0
961.7	957.8	955.0	950.0	17.3	32.4	36.3	22.2	5.1
861.9	852.9	849.8	840.8	58.8	111.5	120.7	69.1	9.9
926.2	909.8	909.8	901.6	8.3	58.3	75.0	67.2	8.4
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 14
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEAR: FOR ALLE FØDTE 1967 OG 1968 GRUPPERT ETTER UKEDAG FOR
 FØDSEL OG ETTER HVORVICT FØDSELEN BLE PROVCSERT ELLER IKKE

UKEDAG FOR FØDSEL	FØDTE IALT:		HER AV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED		
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL	
DAY OF WEEK BORN	TOTAL NUMBER	EIRTHS PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS		NUMBER BEFORE LABOUR	ALIVE AT BIRTH		
			<28 WEEKS	=>28 WEEKS	UN- KNOWN			
MONDAY	INDUC.	2985	1.5	9	54	3	976.5	968.3
	SPONT.	17629	13.0	68	164	9	991.0	986.3
	TOTAL	19714	14.5	77	218	12	989.4	984.4
TUESDAY	INDUC.	2627	1.9	9	82	3	971.8	964.2
	SPONT.	17892	13.2	61	133	12	992.3	988.5
	TOTAL	20519	15.1	70	215	15	989.7	985.4
WEDNESDAY	INDUC.	2535	1.9	12	92	1	969.6	958.6
	SPONT.	17421	12.8	61	142	9	992.1	987.8
	TOTAL	19956	14.7	73	234	10	989.3	984.1
THURSDAY	INDUC.	2533	1.9	14	72	4	970.8	964.5
	SPONT.	17347	12.8	48	147	9	992.3	988.2
	TOTAL	19880	14.6	62	219	13	989.5	985.2
FRIDAY	INDUC.	2502	1.8	9	94	7	967.6	956.0
	SPONT.	17203	12.7	53	122	6	993.1	989.5
	TOTAL	19705	14.5	62	216	13	989.9	985.2
SATURDAY	INDUC.	1759	1.3	16	65	3	960.2	952.2
	SPONT.	16850	12.4	47	129	8	991.8	989.1
	TOTAL	18609	13.7	63	194	11	988.8	985.6
SUNDAY	INDUC.	712	0.5	5	26	0	963.5	956.5
	SPONT.	16636	12.3	75	142	5	990.3	986.7
	TOTAL	17348	12.8	80	168	5	989.2	985.4
TOTAL	INDUC.	14753	10.9	74	485	21	969.4	960.7
	SPONT.	120978	39.1	413	979	58	991.8	988.0
	TOTAL	135731	100.0	487	1464	79	989.4	985.4

TABLE 14
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO DAY OF
WEEK BORN AND WHETHER LABOUR WAS INDUCED OR SPONTANEOUS

PR. 1000 FØDTE: ETTER FØDSEL; 24 6 27 1 TIMER DAGER DAGER AR				DØDLIGHETS RATER (PR. 1000): DØD- TID. PERI- NEO- POST- FØDSEL PERI- NATAL NATAL NEO- NATAL NATAL NATAL				
PER 1000 BIRTHS: AFTER BIRTH: 24 6 27 1 HOURS DAYS DAYS YEAR				MORTALITY RATES (PER 1000): STILL- EARLY PERI- NEO- POST- BIRTH PERI- NATAL NATAL NEO- NATAL NATAL NATAL				
963.5	958.3	956.8	953.5	26.0	30.9	36.2	11.9	3.5
980.3	976.6	975.5	972.1	9.3	15.4	19.1	11.0	3.4
978.5	974.7	973.5	970.2	11.1	17.1	20.9	11.1	3.4
960.4	957.7	956.2	952.0	31.4	35.2	37.9	8.3	4.3
983.5	980.0	978.9	974.9	7.5	12.5	16.0	9.7	4.1
980.5	977.1	976.0	972.0	10.5	15.4	18.8	9.5	4.1
955.0	950.3	949.1	946.7	36.5	40.0	44.8	9.9	2.5
982.6	978.8	977.7	974.1	8.2	13.4	17.2	10.3	3.7
979.1	975.2	974.0	970.6	11.8	16.8	20.7	10.2	3.5
960.1	957.4	957.0	954.6	28.6	33.0	35.8	7.8	2.5
983.3	979.7	978.3	974.7	8.5	13.4	17.1	10.0	3.7
980.4	976.9	975.6	972.1	11.1	15.9	19.4	9.8	3.5
948.8	944.8	943.2	939.6	37.8	45.1	49.1	13.4	3.8
984.4	979.8	977.9	974.3	7.1	12.2	16.8	11.7	3.6
979.9	975.4	973.5	969.9	11.0	16.4	20.9	11.9	3.7
944.9	940.9	939.7	934.6	37.4	44.8	48.9	13.1	5.4
982.8	979.3	978.0	974.7	7.7	14.0	17.5	11.2	3.4
979.2	975.7	974.4	970.9	10.5	16.9	20.4	11.3	3.5
949.4	941.0	939.6	936.8	36.8	43.8	52.3	17.6	2.9
981.5	978.2	976.7	974.0	8.6	13.8	17.1	10.1	2.8
980.2	976.7	975.2	972.4	9.7	15.0	18.5	10.4	2.8
955.5	951.5	950.2	946.9	33.1	38.3	42.4	10.9	3.5
982.6	978.9	977.6	974.1	8.1	13.5	17.3	10.5	3.5
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 15
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR ALLE FØDTE 1968 GRUPPET ETTER KLOKKELETT FOR
 FØDSEL OG ETTER HVORVIDT FØDSELEN BLE PROVOSERT ELLER IKKE

KLOKKE- SLETT FOR FØDSEL	FØDSEL- ENS BEGYN.	FØDTE IALT: ANTALL	PRO- SENT	HER AV: DØDFØDTE MED FOSTERALDER: <28 UKER	=>28 UOPP- GITT	ANTALL I LIVE FØR FØDSEL	VED FØDSEL
HOUR OF DAY BORN	LABOUR	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS <28 WEEKS	=>28 UN- KNOWN	NUMBER BEFORE LABOUR	ALIVE AT BIRTH
00.00- 03.59	INDUC. SPONT. TOTAL	504 10810 11314	0.7 15.8 16.5	4 42 46	20 71 91	1 6 7	970.2 989.0 987.3
04.00- 07.59	INDUC. SPONT. TOTAL	292 10798 11090	0.4 15.8 16.2	4 30 34	12 75 87	0 2 2	965.8 990.1 988.9
08.00- 11.59	INDUC. SPONT. TOTAL	910 11020 11930	1.3 16.1 17.4	7 39 46	29 97 126	1 8 9	971.4 986.9 984.8
12.00- 15.59	INDUC. SPONT. TOTAL	2382 10104 12486	3.5 14.8 16.3	10 34 44	74 97 171	4 2 6	972.3 986.8 982.3
16.00- 19.59	INDUC. SPONT. TOTAL	2200 9150 11350	3.2 13.4 16.6	8 36 44	66 69 135	4 6 10	975.0 987.9 983.3
20.00- 23.59	INDUC. SPONT. TOTAL	1027 9005 10032	1.5 13.2 14.7	5 43 48	34 84 118	2 4 6	971.8 985.5 982.9
UOPPGITT UNKNOWN	INDUC. SPONT. TOTAL	5 200 205	0.0 0.3 0.3	1 2 3	0 3 3	0 2 2	800.0 965.0 961.0
TOTAL	INDUC. SPONT. TOTAL	7320 61087 68407	10.7 89.3 100.0	39 226 265	235 496 731	12 30 42	972.4 987.7 984.8

TABLE 15
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1968 GROUPED ACCORDING TO HOUR OF DAY BORN
AND WHETHER LABOUR WAS INDUCED OR SPONTANEOUS

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
940.5	932.5	932.5	928.6	40.1	50.1	58.1	18.8	4.2
983.5	980.1	978.5	976.2	6.6	12.1	15.5	10.6	2.3
981.6	978.0	976.5	974.1	8.1	13.8	17.4	10.9	2.4
938.4	938.4	938.4	934.9	41.7	48.6	48.6	7.2	3.6
984.9	981.6	981.0	977.4	7.0	12.2	15.5	9.2	3.6
983.7	980.4	979.9	976.3	7.9	13.1	16.4	9.1	3.6
949.5	941.8	940.7	936.3	32.2	42.1	49.9	19.5	4.6
982.2	978.6	976.7	973.5	8.8	13.6	17.2	10.4	3.2
979.7	975.8	973.9	970.7	10.6	15.7	19.7	11.1	3.3
957.6	952.6	950.9	948.8	31.3	36.7	41.8	12.6	2.2
982.7	979.9	978.9	976.1	9.6	13.8	16.6	8.0	2.8
977.9	974.7	973.6	970.9	13.8	18.2	21.4	8.9	2.7
960.9	957.7	957.3	954.1	30.2	33.8	37.0	7.5	3.3
983.8	980.0	978.6	974.6	7.6	11.6	15.5	9.4	4.0
979.4	975.7	974.4	970.7	12.0	15.9	19.7	9.0	3.9
954.2	954.2	952.3	947.4	33.3	39.2	39.2	8.1	5.1
979.3	976.0	974.3	970.1	9.4	15.5	18.9	11.3	4.3
976.8	973.8	972.1	967.8	11.8	17.9	20.9	11.0	4.4
800.0	800.0	800.0	800.0	0.0	0.0	0.0	0.0	0.0
945.0	935.0	935.0	925.0	15.3	35.7	45.9	31.1	10.4
941.5	931.7	931.7	922.0	15.0	35.0	45.0	30.5	10.2
955.1	951.0	949.9	946.6	32.3	38.2	42.4	11.5	3.4
982.7	979.3	977.9	974.6	8.2	13.2	16.6	9.9	3.4
979.7	976.3	974.9	971.6	10.7	15.8	19.3	10.0	3.4

TABELL 16
OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
LEVEÅR: FOR FØDTE 1967 OG 1968 I FORSKJELLIGE GRUPPER AV FØDTE

GRUPPERING AV FØDTE	FØDTE IALT:		HERAV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UCPP- GITT	FØDSEL	FØDSEL
GROUPING OF BIRTHS	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS <28 WEEKS	=>28 WEEKS	UN- KNOWN	NUMBER ALIVE BEFORE LABOUR	AT BIRTH
BY SEX:							
GUTTER BOYS	69846	51.5	255	790	42	988.9	984.4
PIKER GIRLS	65849	48.5	214	656	37	990.3	986.2
BY MOTHERS AGE							
<20 ÅR (YRS)	9265	6.8	46	72	11	990.6	986.1
20-29 ÅR (YRS)	89239	65.7	279	827	48	990.9	987.1
30-39 ÅR (YRS)	32563	24.0	134	451	16	986.6	981.5
40+ ÅR (YRS)	4659	3.4	28	114	4	977.5	968.7
BY MARITAL STAT.							
GIFT	128276	94.5	415	1353	61	989.9	985.7
MARRIED							
UGIFT	6967	5.1	57	98	15	982.9	975.6
UNMARKIED							
BY PARITY:							
1. FØDSEL	51211	37.7	206	569	31	989.3	984.3
1ST CONFINEM.							
2. FØDSEL	40388	29.8	104	337	17	991.9	988.7
2ND CONFINEM.							
3. FØDSEL	24387	18.0	83	233	17	989.7	986.3
3RD CONFINEM.							
=>4. FØDSEL	19728	14.5	93	324	14	984.1	978.2
=>4TH CONFINEM.							
TOTAL	135731	100.0	487	1464	79	989.4	985.0

TABLE 16
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 IN VARIOUS GROUPS OF NEWBORNS

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
978.4	974.1	972.7	968.9	11.4	17.5	21.7	11.9	3.9
981.6	978.4	977.2	974.1	10.0	14.6	17.9	9.2	3.2
977.5	972.7	971.1	967.1	7.8	16.4	21.3	15.2	4.0
981.9	978.4	977.0	973.6	9.3	14.5	18.0	10.2	3.4
976.8	973.0	971.9	968.7	13.9	18.7	22.5	9.8	3.3
962.4	957.1	955.4	949.8	24.6	30.9	36.3	13.7	5.8
980.7	977.0	975.8	972.4	10.6	15.7	19.3	10.1	3.4
966.4	961.0	958.5	954.2	14.2	23.5	29.0	17.5	4.4
978.6	974.0	972.7	969.8	11.2	16.8	21.5	11.7	2.9
983.3	980.2	978.8	975.6	8.4	13.7	16.8	10.0	3.2
982.1	979.2	977.9	973.7	9.6	13.8	16.8	8.6	4.2
972.3	968.7	967.6	962.9	16.5	22.4	26.0	10.8	4.8
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 17
 OVERLEVELSESFØRHOOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER REGISTRERTE
 SYKDOMMER OG ANDRE TILSTANDER HOS MOREN

REGISTRERTE SYKDOMMER OG TIL- STANDER HOS MOREN	FØDTE IALT: ANTALL	PRO- SENT	HERAV: DØDFØDTE MED FOSTERALDER: <28 =>28 UOPP- UKER UKER GITT			ANTALL I LIVE FØR FØDSEL	I LIVE VED FØDSEL
REGISTERED DISEASES OF MOTHER	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS <28 =>28 UN- WEEKS WEEKS KNOWN			NUMBER BEFORE LABOUR	ALIVE AT BIRTH
61 DIABETES MELL. NO OTHER DISEASE C/OTHER DISEASES	186 124 62	0.1 0.1 0.0	5 5 0	17 10 7	0 0 0	897.8 903.2 887.1	881.7 879.0 887.1
62 NEUROLOG.DIS. NO OTHER DISEASE C/OTHER DISEASES	883 520 363	0.7 0.4 0.3	4 3 1	11 3 8	0 0 0	990.9 994.2 986.2	983.0 988.5 975.2
63 MENTAL DISORD. NO OTHER DISEASE C/OTHER DISEASES	891 491 400	0.7 0.4 0.3	4 0 4	23 8 15	2 0 2	976.4 987.8 962.5	967.5 983.7 947.5
64 CARD.VASC.DIS. NO OTHER DISEASE C/OTHER DISEASES	541 256 285	0.4 0.2 0.2	1 0 1	10 1 9	1 0 1	979.7 996.1 964.9	977.8 996.1 961.4
65 PULM.DISEASE NO OTHER DISEASE C/OTHER DISEASES	1126 721 405	0.8 0.5 0.3	14 2 12	17 5 12	0 0 0	980.5 993.1 958.0	972.5 990.3 940.7
66 VENEREAL DIS. NO OTHER DISEASE C/OTHER DISEASES	188 126 62	0.1 0.1 0.0	0 0 0	3 2 1	0 0 0	989.4 992.1 983.9	984.0 984.1 983.9
67 URINARY INF. DUR.PREGNANCY NO OTHER DISEASE C/OTHER DISEASES	2210 1286 924	1.6 0.9 0.7	8 2 6	23 9 14	2 0 2	989.1 992.2 984.8	985.1 991.4 976.2
68 VIRAL INF.DUR. PREGNANCY NO OTHER DISEASE C/ OTHER DISEASES	368 242 126	0.3 0.2 0.1	6 4 2	16 9 7	0 0 0	959.2 958.7 960.3	940.2 946.3 928.6
69 OTHER INF.DUR. PREGNANCY NO OTHER DISEASE C/OTHER DISEASES	80 46 34	0.1 0.0 0.0	1 0 1	0 0 0	1 1 0	975.0 978.3 970.6	975.0 978.3 970.6
70 PREVIOUS GYN./ AEOC. OPERATIONS NO OTHER DISEASE C/OTHER DISEASES	996 154 842	0.7 0.1 0.6	16 0 16	15 1 14	0 0 0	977.9 993.5 975.1	968.9 993.5 964.4

TABLE 17
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
REGISTERED DISEASES OF THE MOTHER

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
838.7	822.6	817.2	811.8	93.9	138.1	154.7	73.2	6.1
830.6	814.5	814.5	806.5	84.0	134.5	151.3	73.4	9.2
854.8	838.7	822.6	822.6	112.9	145.2	161.3	72.7	0.0
976.2	966.0	963.8	959.2	12.5	19.3	29.6	19.6	4.6
986.5	975.0	971.2	965.4	5.8	7.7	19.3	17.5	5.8
961.4	953.2	953.2	950.4	22.1	35.9	44.2	22.6	2.8
956.2	950.6	948.4	940.5	26.0	37.3	42.9	19.7	8.1
975.6	969.5	967.4	959.3	16.3	24.4	30.5	16.6	8.3
932.5	927.5	925.0	917.5	38.1	53.3	58.4	23.7	7.9
974.1	968.6	968.6	966.7	18.6	22.3	27.8	9.5	1.9
992.2	992.2	992.2	988.3	3.9	7.8	7.8	3.9	3.9
957.9	947.4	947.4	947.4	31.8	35.3	45.9	14.6	0.0
967.1	963.6	959.1	955.6	15.3	20.7	24.3	13.7	3.7
987.5	983.4	982.0	979.2	7.0	9.7	13.9	8.4	2.8
930.9	928.4	918.5	913.6	30.5	40.7	43.3	23.6	5.2
968.1	957.4	957.4	957.4	16.0	31.9	42.6	27.0	0.0
976.2	968.3	968.3	968.3	15.9	23.8	31.7	16.1	0.0
951.6	935.5	935.5	935.5	16.1	48.4	64.5	49.2	0.0
977.8	974.2	971.5	968.8	10.5	17.7	21.4	13.8	2.8
986.0	983.7	981.3	978.2	7.0	12.5	14.8	10.2	3.1
966.5	961.0	957.8	955.6	15.3	25.1	30.6	18.8	2.2
929.3	923.9	923.9	923.9	44.2	55.2	60.8	17.3	0.0
938.0	933.9	933.9	933.9	37.8	46.2	50.4	13.1	0.0
912.7	904.8	904.8	904.8	56.5	72.6	80.6	25.6	0.0
950.0	950.0	950.0	950.0	0.0	25.6	25.6	25.6	0.0
956.5	956.5	956.5	956.5	0.0	22.2	22.2	22.2	0.0
941.2	941.2	941.2	941.2	0.0	30.3	30.3	30.3	0.0
958.8	954.8	951.8	949.8	15.3	25.5	29.6	17.6	2.1
980.5	980.5	980.5	980.5	6.5	19.5	19.5	13.1	0.0
954.9	950.1	946.6	944.2	16.9	26.6	31.5	18.5	2.5

(CONTINUED)

TABELL 17 (CONT.)
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEAR:FOR FØDTE 1967 OG 1968 GRUPPERT ETTER REGISTRERTE
 SYKDOMMER OG ANDRE TILSTANDER HOS MOREN

REGISTRERTE SYKDOMMER OG TIL- STANDER HOS MOREN	FØDTE IALT:		HERAV:DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR	VED FØDSEL
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
REGISTERED DISEASES OF MOTHER	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH:STILL- BIRTHS/ABORTIONS <28 WEEKS	=>28 WEEKS	UN- KNOWN	NUMBER ALIVE BEFORE LABOUR	AT BIRTH
71 PREV.COMPL. PREGNANCIES	726	0.5	17	20	1	964.2	947.7
NO OTHER DISEASE	329	0.2	7	7	0	975.7	957.4
C/OTHER DISEASES	397	0.3	10	13	1	954.7	939.5
72 HYPEREM.GRAV.	1244	0.9	14	26	0	975.1	967.8
NO OTHER DISEASE	770	0.6	7	10	0	984.4	977.9
C/OTHER DISEASES	474	0.3	7	16	0	959.9	951.5
73 HAEMOR.D.PREG.	3238	2.4	132	139	12	937.3	912.6
NO OTHER DISEASE	2218	1.6	96	81	11	940.9	915.2
C/OTHER DISEASES	1020	0.8	36	58	1	929.4	906.9
74 INTOX/TOXAEMIA	6871	5.1	10	293	15	964.5	953.7
NO OTHER DISEASE	4351	3.2	6	169	8	966.7	957.9
C/OTHER DISEASES	2520	1.9	4	124	7	960.7	946.4
75 SPEC.GYN./OBST COMPLICATIONS	1215	0.9	40	56	4	939.1	917.7
NO OTHER DISEASE	669	0.5	12	28	3	955.2	935.7
C/OTHER DISEASES	546	0.4	28	28	1	919.4	895.6
76 OTHER COND.	9120	6.7	58	164	9	981.0	974.7
NO OTHER DISEASE	4438	3.3	18	62	3	986.7	981.3
C/OTHER DISEASES	4682	3.4	40	102	6	975.7	968.4
WITH REG.DIS.	22609	16.7	231	586	36	972.1	962.3
NO REG. DISEASES	113122	83.3	256	878	43	992.8	989.6
TOTAL BIRTHS	125731	100.0	487	1464	79	989.4	985.0

TABLE 17 (CONT.)
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
REGISTERED DISEASES OF THE MOTHER

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
928.4	917.4	916.0	909.1	28.2	48.0	59.3	33.4	7.3
942.2	939.2	939.2	930.1	21.7	37.3	40.4	19.0	9.5
916.9	899.2	896.7	891.7	33.7	57.0	75.1	45.6	5.4
957.4	946.9	946.1	942.9	21.1	31.7	42.3	22.4	3.3
972.7	963.6	963.6	959.7	13.1	18.3	27.5	14.6	4.0
932.5	919.8	917.7	915.6	34.3	53.5	66.4	35.5	2.2
870.3	847.7	842.8	836.6	44.9	89.2	112.8	76.5	6.8
874.2	852.1	847.2	841.3	38.4	81.5	104.7	74.4	6.4
861.8	838.2	833.3	826.5	59.0	105.8	130.2	81.1	7.6
946.7	940.6	938.7	934.9	42.8	49.8	55.9	15.7	4.0
952.9	947.6	946.0	943.7	39.0	44.0	49.3	12.5	2.4
936.1	928.6	926.2	919.8	49.4	59.8	67.4	21.4	6.7
879.8	858.4	854.3	851.9	47.8	87.1	109.3	69.1	2.7
896.9	871.4	864.0	861.0	42.8	82.6	108.6	76.7	3.2
859.0	842.5	842.5	840.7	54.2	92.8	110.3	59.3	2.0
964.1	960.0	958.6	954.9	18.1	28.7	32.9	16.5	3.7
975.7	973.4	972.1	969.4	14.0	19.7	22.0	9.4	2.8
953.2	947.2	945.7	941.3	22.0	37.3	43.4	23.4	4.6
949.3	941.5	939.4	935.6	26.2	39.4	47.3	23.8	4.0
985.8	982.8	981.7	978.3	7.8	11.6	14.6	8.0	3.4
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 18

OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
LEVEAR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER HVORVIDT
FØDSELEN BLE PROVOSERT OG TYPE AV PROVOKASJON

TYPE AV PROVOKASJON OG KODENR.	FØDTE IALT:		HER AV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED FØDSEL FØDSEL	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT		
TYPE OF INDUCTION OF LABOUR AND CODE NR.	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS <28 WEEKS	=>28 WEEKS	UN- KNOWN	NUMBER BEFORE LABOUR	ALIVE AT BIRTH
OXYTOCIN DRYP DRIP (4)	2801	2.1	21	138	4	952.2	941.8
OXYTOCIN TABL.(1)	2887	2.1	1	44	3	985.5	983.4
OXYTOCIN KUR, INA REGIMEN N.S(3,7)	3476	2.6	14	81	4	977.6	971.5
SECTIO CESAREAN (5)	524	0.4	0	11	1	986.6	977.1
HINNERIVN./STIKK RUPT.MEMER. (2)	1044	0.8	13	73	5	934.9	912.8
ANNEN PROVOKASJON OTHER IN.(6,8,9)	4021	3.0	25	138	4	969.7	958.5
PROV.FØDSLER IALT IND.LABOUR,TOTAL	14753	10.9	74	485	21	969.4	960.7
IKKE PROV.F. IALT NO IND.LAB.TOTAL	120978	89.1	413	979	58	991.8	988.0
TOTAL	135731	100.0	487	1464	79	989.4	985.0

TABLE 18
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
WHETHER INDUCED LABOUR AND TYPE OF INDUCTION

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
935.0	930.0	929.0	925.4	49.7	56.6	61.6	13.6	3.8
981.6	979.2	977.8	974.7	15.3	17.0	19.4	5.6	3.2
968.6	966.3	965.5	962.3	23.4	26.3	28.6	6.2	3.3
940.8	908.4	902.7	900.8	21.0	57.4	89.9	76.2	2.0
908.0	907.1	907.1	902.3	71.2	76.0	77.0	6.3	5.2
954.0	950.8	949.5	946.0	34.6	39.1	42.3	9.3	3.6
955.5	951.5	950.2	946.9	33.1	38.3	42.4	10.9	3.5
982.6	978.9	977.6	974.1	8.1	13.5	17.3	10.5	3.5
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 19
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER TYPE AV
 OPPGITT KOMPLIKASJON VED FØDSELEN

TYPE AV KOMPLIKASJON OG KODENR.	FØDTE IALT:		HERAV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED FØDSEL	
	ANTALL	PRO-SENT	<28 UKER	=>28 UKER	UOPP-GITT	FØDSEL	FØDSEL
	TOTAL BIRTHS	PER-CENT	OF WHICH: <28 WEEKS	STILL-BIRTHS/ABORTIONS =>28 WEEKS	UN-KNOWN	NUMBER BEFORE LABOUR	ALIVE AT BIRTH
FUNKSJ.FØDS.FØRST. (21-)	4347	3.2	2	26	2	996.1	993.1
NO OTHER COMPL.	2110	1.6	0	17	2	995.7	991.0
C/OTHER COMPL.	2237	1.6	2	9	0	996.4	995.1
OBSTRUKSJON (31-39)	832	0.6	0	13	2	995.2	982.0
NO OTHER COMPL.	633	0.5	0	10	1	995.3	982.6
C/OTHER COMPL.	199	0.1	0	3	1	995.0	979.9
PAT.FØRH.V.PLAC. (41-49)	3637	2.7	134	416	25	882.0	841.9
NO OTHER COMPL.	2131	1.6	80	200	10	897.7	863.9
C/OTHER COMPL.	1506	1.1	54	216	15	859.9	810.8
LEIE/INNST.ANOM. (51-59)	686	0.5	0	2	1	1000.0	995.6
NO OTHER COMPL.	388	0.3	0	2	0	1000.0	994.8
C/OTHER COMPL.	298	0.2	0	0	1	1000.0	996.6
ANDRE KOMPL.FØRL. (61-69)	573	0.4	6	46	3	965.1	904.0
NO OTHER COMPL.	419	0.3	4	30	2	971.4	914.1
C/OTHER COMPL.	154	0.1	2	16	1	948.1	876.6
SKADER I FØDS.VEI (71-79)	2138	1.6	1	19	2	994.9	989.7
NO OTHER COMPL.	1572	1.2	0	8	0	997.5	994.5
C/OTHER COMPL.	566	0.4	1	11	2	987.6	975.3

TABLE 19
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO RECORDED
TYPE OF COMPLICATION DURING DELIVERY

PR.1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR.1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
989.6	986.7	986.2	983.4	6.0	9.4	12.4	6.9	2.8
987.2	985.8	985.3	982.0	8.1	11.9	13.3	5.7	3.3
992.0	987.5	987.0	984.8	4.0	7.2	11.6	8.1	2.2
979.6	974.8	973.6	970.0	15.7	18.1	22.9	8.6	3.7
981.0	974.7	973.1	970.0	15.8	17.4	23.7	9.6	3.2
974.9	974.9	974.9	969.8	15.2	20.2	20.2	5.1	5.1
808.6	792.1	789.4	787.2	119.6	154.4	171.7	62.4	2.6
832.5	818.4	813.7	810.4	98.0	130.8	145.5	58.1	3.8
774.9	755.0	755.0	754.3	150.3	187.9	208.8	68.8	0.8
988.3	984.0	984.0	984.0	2.9	10.2	14.6	11.7	0.0
982.0	976.8	976.8	976.8	5.2	18.0	23.2	18.1	0.0
996.6	993.3	993.3	993.3	0.0	0.0	3.4	3.4	0.0
881.3	876.1	876.1	874.3	81.6	104.6	109.9	30.9	1.9
897.4	890.2	890.2	887.8	72.6	89.6	96.9	26.1	2.6
837.7	837.7	837.7	837.7	106.0	145.7	145.7	44.4	0.0
987.4	985.5	984.1	981.8	8.9	11.2	13.1	5.7	2.4
993.0	990.5	989.8	987.3	5.1	7.0	9.5	5.1	2.6
971.7	971.7	968.2	966.4	19.5	23.1	23.1	7.2	1.8

(CONTINUED)

TABELL 19 (CONT.)
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR:FCR FØDTE 1967 OG 1968 GRUPPERT ETTER TYPE AV
 OPPGITT KOMPLIKASJON VED FØDSELEN

TYPE AV KOMPLIKA- SJON OG KODENR.	FØDTE IALT:		HERAV:DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
BLØDN.ETTER FØDS. POSTPART.HAEMOR. (80-89)	6092	4.5	26	100	7	983.6	978.2
NO OTHER COMPL. C/OTHER COMPL.	3802	2.8	12	28	2	991.8	989.0
	2290	1.7	14	72	5	969.9	960.3
ANDRE KOMPLIKASJ. OTHER COMPLICAT. (11-19,91-99)	299	0.2	5	30	4	906.4	869.6
NO OTHER COMPL. C/OTHER COMPL.	222	0.2	0	20	2	932.4	900.9
	77	0.1	5	10	2	831.2	779.2
KOMPLISERT FØDSEL TOTAL COMPL.DEL.	14767	10.9	131	475	31	970.3	956.9
UTEN KOMPLIKASJON NO COMPLICATION	120964	89.1	356	989	48	991.7	988.5
ALLE FØDTE TOTAL BIRTHS	135731	100.0	487	1464	79	989.4	985.0

TABLE 19 (CONT.)
 SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
 YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO RECORDED
 TYPE OF COMPLICATION DURING DELIVERY

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
975.4	972.6	971.8	968.5	16.5	19.3	22.1	6.5	3.4
986.3	983.4	982.9	979.2	7.4	10.0	12.9	6.1	3.7
957.2	954.6	953.3	950.7	31.7	34.8	37.4	7.3	2.7
829.4	819.4	812.7	806.0	103.4	144.8	155.2	65.4	7.7
860.4	851.4	842.3	833.3	90.9	131.8	140.9	65.0	10.0
740.3	727.3	727.3	727.3	142.9	185.7	200.0	66.7	0.0
947.0	941.4	940.1	937.1	32.5	42.5	48.1	17.6	3.1
983.7	980.2	978.8	975.3	8.2	13.0	16.6	9.8	3.6
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 20
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER TYPE AV
 INNGREP VED FØDSELEN

TYPE AV INNGREP UNDER FØDSELEN OG KODENR.	FØDTE IALT:		HERAV:DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
TYPE OF INTER- VENTION DURING DELIVERY AND CODE NR.	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: <28 WEEKS	STILL- BIRTHS/ =>28 WEEKS	UN- KNOWN	NUMBER BEFORE LABOUR	ALIVE AT BIRTH
HINNERIVN/-STIKK RUPTURED MEMBR.							
(42)	2384	1.8	9	48	2	979.4	975.3
NO OTHER INTERV.	2173	1.6	7	36	2	982.1	979.3
C/OTHER INTERV.	211	0.2	2	12	0	952.6	933.6
VACUUMEXTR. (67)							
	1688	1.2	0	21	2	994.1	986.4
NO OTHER INTERV.	1398	1.0	0	14	2	994.3	988.6
C/OTHER INTERV.	290	0.2	0	7	0	993.1	975.9
TANG							
FØRCEPS(61,62,65)	2065	1.5	0	42	2	993.2	978.7
NO OTHER INTERV.	1537	1.1	0	27	2	994.8	981.1
C/OTHER INTERV.	528	0.4	0	15	0	988.6	971.6
FREM HjELP V. SETEF. ASSIST, BREECH(82)							
	1919	1.4	3	63	1	981.2	965.1
NO OTHER INTERV.	1655	1.2	3	47	1	981.9	969.2
C/OTHER INTERV.	264	0.2	0	16	0	977.3	939.4
NEDHENT.AV FOT DELIVERY OF LEG (52)							
	300	0.2	9	31	3	900.0	856.7
NO OTHER INTERV.	35	0.0	2	5	1	828.6	771.4
C/OTHER INTERV.	265	0.2	7	26	2	909.4	867.9
TANG PÅ HODE VED SETEFØDSEL FORC.HEAD IN BREECH DEL.(63)							
	490	0.4	0	12	1	995.9	973.5
NO OTHER INTERV.	218	0.2	0	3	0	1000.0	986.2
C/OTHER INTERV.	272	0.2	0	9	1	992.6	963.2
SECTIO CESAR.(71)							
	2054	1.5	3	63	4	982.0	965.9
NO OTHER INTERV.	1791	1.3	2	60	3	982.1	963.7
C/OTHER INTERV.	263	0.2	1	3	1	981.0	981.0
ROTASJ. OG UTTREK. ROTAT. AND DELIV. (64,83)							
	704	0.5	11	57	5	931.8	896.3
NO OTHER INTERV.	368	0.3	3	24	2	951.1	921.2
C/OTHER INTERV.	336	0.2	8	33	3	910.7	869.0

TABLE 20
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
RECORDED TYPE OF INTERVENTIONS DURING DELIVERY

PR.1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR.1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
971.1	967.7	966.4	965.2	20.2	24.4	27.8	9.0	1.3
975.6	971.9	970.5	969.2	16.6	20.3	24.0	8.9	1.4
924.2	924.2	924.2	924.2	57.4	67.0	67.0	10.2	0.0
981.0	978.7	977.5	976.3	12.5	17.8	20.2	9.0	1.2
985.7	982.8	981.4	980.0	10.0	12.9	15.8	7.2	1.4
958.6	958.6	958.6	958.6	24.1	41.4	41.4	17.7	0.0
971.9	968.5	967.6	963.2	20.4	27.1	30.5	11.4	4.5
976.6	973.3	972.7	967.5	17.6	22.1	25.4	8.6	5.3
958.3	954.5	952.7	950.8	28.4	41.7	45.5	19.5	1.9
947.4	936.9	935.9	930.7	32.9	50.7	61.1	30.2	5.4
951.7	940.8	939.6	933.5	28.5	46.0	56.9	30.5	6.2
920.5	912.9	912.9	912.9	60.6	79.5	87.1	28.2	0.0
816.7	790.0	783.3	773.3	107.6	149.3	177.1	85.6	11.7
714.3	714.3	714.3	714.3	156.3	218.8	218.8	74.1	0.0
830.2	800.0	792.5	781.1	101.6	140.6	171.9	87.0	13.0
955.1	949.0	946.9	940.8	24.5	42.9	49.1	27.3	6.3
967.9	963.3	963.3	954.1	13.8	32.1	36.7	23.3	9.3
944.9	937.5	933.8	930.1	33.2	51.7	59.0	30.5	3.8
946.9	933.8	932.3	926.0	30.8	49.8	63.0	34.8	6.6
945.3	933.0	931.9	925.2	33.6	52.1	64.4	33.0	7.0
958.2	939.2	935.4	931.6	11.5	34.5	53.6	46.5	3.9
867.9	849.4	842.3	833.8	82.8	111.9	130.8	60.2	9.5
699.5	883.2	875.0	869.6	66.1	88.2	104.7	50.1	5.9
833.3	812.5	806.5	794.6	101.5	138.5	160.0	71.9	13.7

(CONTINUED)

TABELL 20 (CONT.)
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER TYPE AV
 INNGREP VED FØDSELEN

TYPE AV INNGREP UNDER FØDSELEN OG KODENR.	FØDTE IALT:		HERAV:DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
TYPE OF INTER- VENTION DURING DELIVERY AND CODE NR.	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH:STILL- BIRTHS/ABORTIONS <28	=>28	UN- KNOWN	NUMBER ALIVE BEFORE	AT LABOUR BIRTH
UTHENT AV PLAC. MAN.REMOV.PLAC (85)	841	0.6	33	27	1	941.7	927.5
NO OTHER INTERV.	564	0.4	17	12	0	959.2	948.6
C/OTHER INTERV.	277	0.2	16	15	1	906.1	884.5
ANDRE INNGREP OTHER INTERV. (OTER NR.41-99)	1278	0.9	57	177	5	865.4	813.0
NO OTHER INTERV.	769	0.6	33	106	4	854.4	814.0
C/OTHER INTERV.	509	0.4	24	71	1	882.1	811.4
ANALGASIA(21-29)	70	0.1	0	1	0	985.7	985.7
NO OTHER INTERV.	53	0.0	0	1	0	981.1	981.1
C/OTHER INTERV.	17	0.0	0	0	0	1000.0	1000.0
ANÆSTESIA (10-19,31-39)	611	0.5	4	9	1	985.3	977.1
NO OTHER INTERV.	52	0.0	0	2	0	980.8	961.5
C/OTHER INTERV.	559	0.4	4	7	1	985.7	978.5
FØDTE ETTER INNGR INTERVENT.TOT.	12455	9.2	96	437	22	970.9	955.4
FØDTE UTEN INNGR. DELIV.WITHOUT I.	123276	90.8	391	1027	57	991.3	988.0
ALLE FØDTE TOTAL BIRTHS	135731	100.0	487	1464	79	989.4	985.0

TABLE 20 (CONT.)
 SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
 YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
 RECORDED TYPE OF INTERVENTIONS DURING DELIVERY

PR.1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR.1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
919.1	916.8	914.4	912.0	33.5	42.1	44.6	14.1	2.6
943.3	939.7	937.9	936.2	21.9	27.4	31.1	11.2	1.9
870.0	870.0	866.4	862.8	57.7	73.1	73.1	20.4	4.1
800.5	792.6	791.9	787.9	145.6	158.7	166.9	26.0	4.8
806.2	798.4	797.1	791.9	144.8	153.0	161.2	20.8	6.4
791.7	783.9	783.9	781.9	146.7	167.4	175.6	33.9	2.4
985.7	985.7	985.7	985.7	14.3	14.3	14.3	0.0	0.0
981.1	981.1	981.1	981.1	18.9	18.9	18.9	0.0	0.0
1000.0	1000.0	1000.0	1000.0	0.0	0.0	0.0	0.0	0.0
965.6	959.1	955.8	952.5	14.9	26.4	33.0	21.8	3.4
942.3	942.3	942.3	942.3	38.5	57.7	57.7	20.0	0.0
967.8	960.6	957.1	953.5	12.6	23.5	30.7	21.9	3.7
944.1	937.1	935.4	931.4	35.4	46.9	54.0	20.9	4.3
983.3	979.9	978.6	975.2	8.4	13.1	16.6	9.6	3.4
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 21A
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEAR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER FOSTERALDER

FOSTERALDER (UKER)	FØDTE IALT:		HERAV:DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØR FØDSEL	VED FØDSEL
<26	603	0.4	375	0	0	592.0	378.1
26-29	688	0.5	112	84	0	777.6	715.1
30-33	1912	1.4	0	333	0	865.1	825.8
34-37	10517	7.7	0	408	0	969.0	961.2
38-41	98781	72.8	0	508	0	996.7	994.9
42-45	17457	12.9	0	118	0	996.0	993.2
46+	1201	0.9	0	13	0	994.2	989.2
UOPPGITT UNKNOWN	4572	3.4	0	0	79	988.4	982.7
TOTAL	135731	100.0	487	1464	79	989.4	985.0

TABLE 21A
 SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
 YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
 GESTATIONAL AGE

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
215.6	139.3	134.3	134.3	0.0	429.8	631.6	644.7	0.0
452.0	322.7	290.7	280.5	145.8	460.1	614.6	593.5	14.2
740.6	682.5	673.6	666.3	174.2	259.4	317.5	184.3	8.9
952.5	944.7	941.1	935.8	38.8	47.5	55.3	20.9	5.5
993.8	992.4	991.6	988.5	5.1	6.2	7.6	3.2	3.1
991.1	990.0	989.1	985.7	6.8	8.9	10.0	4.2	3.4
986.7	983.3	983.3	982.5	10.8	13.3	16.7	5.9	0.8
972.7	967.8	965.9	960.4	0.0	10.2	15.1	17.1	5.6
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 21B
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR GUTTER FØDT 1968 GRUPPERT ETTER FOSTERALDER

FOSTERALDER (UKER)	FØDTE IALT:		HERAV: DØDFØDTE . MED FOSTERALDER:			ANTALL I LIVE	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UDPP- GITT	FØR FØDSEL	VED FØDSEL
<26	169	0.5	114	0	0	686.4	325.4
26-29	195	0.6	26	30	0	825.6	712.8
30-33	553	1.6	0	93	0	884.3	831.8
34-37	2944	8.4	0	110	0	972.8	962.6
38-41	25487	72.3	0	129	0	997.1	994.9
42-45	4417	12.5	0	29	0	995.9	993.4
46+	294	0.8	0	5	0	993.2	983.0
UOPPGITT UNKNOWN	1174	3.3	0	0	26	986.4	977.9
TOTAL	35233	100.0	140	396	26	990.3	984.0

TABLE 21B
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: MALE BIRTHS 1968 GROUPED ACCORDING TO GESTATIONAL
AGE

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
195.3	124.3	124.3	124.3	0.0	400.0	618.2	618.2	0.0
420.5	297.4	266.7	251.3	177.5	514.8	656.8	625.9	21.6
750.5	694.4	685.4	678.1	168.2	249.5	305.6	176.1	8.7
954.5	947.0	942.6	935.5	37.4	45.5	53.0	20.8	7.4
994.0	992.5	991.9	989.1	5.1	6.0	7.5	3.1	2.8
991.4	990.7	989.6	984.8	6.6	8.6	9.3	3.9	4.8
983.0	976.2	976.2	976.2	17.0	17.0	23.8	6.9	0.0
966.8	961.7	959.1	951.4	0.0	11.3	16.6	19.2	7.8
978.5	974.7	973.3	969.6	11.3	16.9	20.7	11.0	3.7

TABELL 21C
 OVERLEVELSESTORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LIVEÅR: FOR PIKER FØDT 1967 OG 1968 GRUPPET EFTER FOSTERALDER

FOSTERALDER (UKER)	FØDTE IALT:		HERAV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
GESTATIONAL AGE (WEEKS)	TOTAL BIRTHS		OF WHICH: STILL- BIRTHS/ABORTIONS			NUMBER ALIVE BEFORE AT	
	NUMBER	PER- CENT	<28 WEEKS	=>28 WEEKS	UN- KNOWN	LABOUR	BIRTH
<26	269	0.4	161	0	0	602.2	401.5
26-29	288	0.4	53	30	0	777.8	711.8
30-33	836	1.3	0	140	0	874.4	832.5
34-37	4723	7.2	0	185	0	969.1	960.8
38-41	48187	73.2	0	235	0	996.9	995.1
42-45	8735	13.3	0	62	0	996.0	992.9
46+	607	0.9	0	4	0	993.4	993.4
UOPPGITT UNKNOWN	2204	3.3	0	0	37	989.1	983.2
TOTAL	65849	100.0	214	656	37	990.3	986.2

TABLE 21C

SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST YEAR OF LIFE: FEMALE BIRTHS 1967 AND 1968 GROUPED ACCORDING TO GESTATIONAL AGE

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIDER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
230.5	148.7	141.3	141.3	0.0	425.9	629.6	648.1	0.0
482.6	350.7	316.0	305.6	127.7	408.5	570.2	556.1	14.6
751.2	693.8	690.2	680.6	167.5	248.8	306.2	171.0	11.5
953.4	946.2	943.0	939.7	39.2	46.6	53.8	18.5	3.5
994.1	993.1	992.4	989.5	4.9	5.9	6.9	2.8	2.9
990.8	989.6	988.7	985.6	7.1	9.2	10.4	4.3	3.1
990.1	988.5	988.5	988.5	6.6	9.9	11.5	5.0	0.0
973.7	968.7	966.9	961.9	0.0	9.7	14.8	16.6	5.1
981.6	978.4	977.2	974.1	10.0	14.6	17.9	9.2	3.2

TABELL 22A
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVERÅR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER FØDSELSVEKT

FØDSELSVEKT (GRAM)	FØDTE IALT:		HER AV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
BIRTHWEIGHT (GRAMS)	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS		UN- KNOWN	NUMBER ALIVE BEFORE LABOUR	AT BIRTH
			<28 WEEKS	=>28 WEEKS			
0 - 499	251	0.2	208	29	5	298.8	35.9
500 - 749	268	0.2	122	54	8	552.2	313.4
750 - 999	308	0.2	72	58	7	672.1	555.2
1000 - 1499	853	0.6	40	224	11	747.9	677.6
1500 - 1999	1515	1.1	8	189	6	895.7	866.0
2000 - 2499	4089	3.0	2	217	10	958.4	944.0
2500 - 2999	15978	11.8	0	216	8	990.2	986.0
3000 - 3499	44202	32.6	0	241	9	996.5	994.3
3500 - 3999	45753	33.7	0	118	8	998.4	997.2
4000 - 4499	18026	13.3	0	39	3	998.7	997.7
4500 - 4999	3556	2.6	0	12	0	998.6	996.6
5000 - 5499	439	0.3	0	9	0	984.1	979.5
5500 +	47	0.0	0	4	0	957.4	914.9
UNKNOWN	446	0.3	35	54	4	825.1	791.5
TOTAL	135731	100.0	487	1464	79	989.4	985.0

TABLE 22A

SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO BIRTHWEIGHT

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
0.0	0.0	0.0	0.0	763.2	1000.0	1000.0	1000.0	0.0
93.3	26.1	26.1	26.1	391.3	818.8	949.3	916.7	0.0
256.5	81.2	42.2	42.2	253.3	655.0	890.8	924.0	0.0
470.1	351.7	324.7	310.7	279.3	500.0	625.9	520.8	20.8
786.8	724.8	708.9	697.7	125.9	205.9	268.5	181.4	13.0
925.2	907.3	901.2	893.9	53.2	72.1	90.0	45.3	7.8
981.8	978.0	976.7	972.2	13.5	17.7	21.5	9.5	4.5
993.0	991.8	991.1	987.8	5.5	6.8	8.0	3.3	3.3
996.5	995.8	995.1	992.1	2.6	3.3	4.1	2.2	3.0
996.9	996.3	996.0	993.3	2.2	2.9	3.5	1.7	2.7
996.3	995.5	995.2	992.4	3.4	3.7	4.5	1.4	2.8
974.9	972.7	972.7	972.7	20.5	25.1	27.3	7.0	0.0
914.9	914.9	914.9	914.9	85.1	85.1	85.1	0.0	0.0
744.4	737.7	735.4	724.2	132.7	184.3	191.6	70.8	14.2
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL 22B
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR GUTTER FØDT 1967 OG 1968 GRUPPERT EFTER
 FØDSELSVEKT

FØDSELSVEKT (GRAM)	FØDTE IALT:		HER AV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
BIRTHWEIGHT (GRAMS)	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS		NUMBER ALIVE BEFORE AT	LABOUR BIRTH	
			<28 WEEKS	=>28 WEEKS	KNOWN		
0 - 499	132	0.2	109	15	4	310.6	30.3
500 - 749	130	0.2	61	30	4	530.8	269.2
750 - 999	157	0.2	37	29	4	668.8	554.1
1000 - 1499	469	0.7	23	122	7	733.5	675.9
1500 - 1999	749	1.1	4	93	1	899.9	869.2
2000 - 2499	1947	2.8	1	128	8	947.1	929.6
2500 - 2999	7004	10.0	0	115	5	988.0	982.9
3000 - 3499	20585	29.5	0	128	1	996.1	993.7
3500 - 3999	24690	35.3	0	71	6	998.3	996.9
4000 - 4499	11029	15.8	0	23	1	998.6	997.8
4500 - 4999	2385	3.4	0	4	0	999.6	998.3
5000 - 5499	317	0.5	0	7	0	981.1	977.9
5500 +	34	0.0	0	3	0	970.6	911.8
UNKNOWN	218	0.3	20	22	1	834.9	802.8
TOTAL	69846	100.0	255	790	42	988.9	984.4

TABLE 22B
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: MALE BIRTHS 1967 AND 1968 GROUPED ACCORDING
TO BIRTHWEIGHT

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
0.0	0.0	0.0	0.0	789.5	1000.0	1000.0	1000.0	0.0
69.2	23.1	23.1	23.1	461.5	861.5	953.8	914.3	0.0
229.3	70.1	44.6	44.6	250.0	689.7	905.2	919.5	0.0
417.9	290.0	260.1	247.3	277.9	553.5	690.2	615.1	18.9
775.7	703.6	679.6	667.6	125.0	219.1	291.7	218.1	13.8
906.0	884.4	877.2	870.6	66.0	89.8	111.5	56.4	7.2
977.4	972.6	970.7	966.3	16.4	21.9	26.7	12.3	4.5
992.2	990.6	989.8	986.4	6.2	7.8	9.4	4.0	3.4
996.2	995.1	994.5	990.9	2.9	3.6	4.7	2.4	3.6
997.0	996.3	995.9	992.5	2.1	2.9	3.6	1.9	3.5
997.9	996.6	996.2	992.9	1.7	2.1	3.4	2.1	3.4
974.8	971.6	971.6	971.6	22.1	25.2	28.4	6.5	0.0
911.8	911.8	911.8	911.8	88.2	88.2	88.2	0.0	0.0
761.5	756.9	756.9	743.1	111.7	157.4	162.4	57.1	17.1
978.4	974.1	972.7	968.9	11.4	17.5	21.7	11.9	3.9

TABELL 22C
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEAR:FOR PIKER FØDT 1967 OG 1968 GRUPPERT ETTER
 FØDSELSVEKT

FØDSELSVEKT (GRAM)	FØDTE IALT:		HERAV:DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VEG	
	ANTALL	FRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
BIRTHWEIGHT (GRAMS)	TOTAL BIRTHS NUMBER	PER- CENT	OF WHICH: STILL- BIRTHS/ABORTIONS <28 WEEKS	=>28 WEEKS	UN- KNOWN	NUMBER BEFORE LABOUR	ALIVE AT BIRTH
0 - 499	106	0.2	88	12	1	292.5	47.2
500 - 749	133	0.2	60	20	4	586.5	368.4
750 - 999	149	0.2	35	27	3	684.6	563.8
1000 - 1499	382	0.6	17	100	4	769.6	683.2
1500 - 1999	766	1.2	4	96	5	891.6	862.9
2000 - 2499	2142	3.3	1	89	2	966.7	957.0
2500 - 2999	8974	13.6	0	101	3	991.9	988.4
3000 - 3499	23617	35.9	0	113	8	996.9	994.9
3500 - 3999	21063	32.0	0	47	2	998.6	997.7
4000 - 4499	6997	10.6	0	16	2	998.9	997.4
4500 - 4999	1171	1.8	0	8	0	996.6	993.2
5000 - 5499	122	0.2	0	2	0	991.8	983.6
5500 +	13	0.0	0	1	0	923.1	923.1
UNKNOWN	214	0.3	9	24	3	859.8	831.8
TOTAL	65849	100.0	214	656	37	990.3	986.2

TABLE 22C

SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST YEAR OF LIFE: FEMALE BIRTHS 1967 AND 1968 GROUPED ACCORDING TO BIRTHWEIGHT

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
0.0	0.0	0.0	0.0	705.9	1000.0	1000.0	1000.0	0.0
120.3	30.1	30.1	30.1	289.9	768.1	942.0	918.4	0.0
288.6	94.0	40.3	40.3	243.2	612.6	873.9	928.6	0.0
536.6	429.3	405.8	390.1	277.0	432.1	545.7	406.1	23.0
797.7	745.4	737.6	727.2	126.8	192.9	245.7	145.2	12.1
942.6	928.1	923.0	915.0	41.6	56.1	70.6	35.6	8.3
985.2	982.3	981.3	976.8	11.3	14.5	17.4	7.2	4.5
993.8	992.9	992.2	989.1	4.8	5.9	6.8	2.7	3.1
997.0	996.5	995.8	993.5	2.2	2.9	3.4	1.9	2.2
996.9	996.4	996.1	994.7	2.3	2.9	3.3	1.3	1.4
993.2	993.2	993.2	991.5	6.8	6.8	6.8	0.0	1.7
975.4	975.4	975.4	975.4	16.4	24.6	24.6	8.3	0.0
923.1	923.1	923.1	923.1	76.9	76.9	76.9	0.0	0.0
775.7	766.4	761.7	752.3	118.8	178.2	188.1	84.3	11.2
981.6	978.4	977.2	974.1	10.0	14.6	17.9	9.2	3.2

TABELL 23
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER REGISTRERTE
 MEDFØDTE MISDANNELSER, LIDELSER OG FØDSELSSKADER

TYPE AV MISDANNELSE, LIDELSE, SKADE	FØDTE IALT:		HERAV: DØDFØDTE MED FOSTERALDER:			ANTALL I LIVE FØR VED	
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT	FØDSEL	FØDSEL
41 MALF. OF CNS NO OTHER DISEASE C/OTHER DISEASES	221 157 64	0.2 0.1 0.0	4 3 1	94 67 27	4 3 1	733.0 745.2 703.1	538.5 535.0 546.9
42 MALF. OF EYE, FACE, NECK NO OTHER DISEASE C/OTHER DISEASES	65 49 16	0.0 0.0 0.0	0 0 0	3 1 2	0 0 0	984.6 1000.0 937.5	953.8 979.6 875.0
43 CLEFT LIP/PAL NO OTHER DISEASE C/OTHER DISEASES	238 203 35	0.2 0.1 0.0	0 0 0	12 8 4	0 0 0	953.8 965.5 885.7	949.6 960.6 885.7
44 MALF. OF RESP./ DIG. SYSTEM NO OTHER DISEASE C/OTHER DISEASES	78 49 29	0.1 0.0 0.0	0 0 0	0 0 0	0 0 0	1000.0 1000.0 1000.0	1000.0 1000.0 1000.0
45 MALF. OF CARD.- VASC. SYSTEM NO OTHER DISEASE C/OTHER DISEASES	215 148 67	0.2 0.1 0.0	0 0 0	4 3 1	0 0 0	990.7 993.2 985.1	981.4 979.7 985.1
46 MALF. OF UROGEN. SYSTEM NO OTHER DISEASE C/OTHER DISEASES	313 256 57	0.2 0.2 0.0	0 0 0	1 0 1	0 0 0	996.8 1000.0 982.5	996.8 1000.0 982.5
47 MALF. OF LIMBS NO OTHER DISEASE C/OTHER DISEASES	809 657 152	0.6 0.5 0.1	1 1 0	23 12 21	0 0 0	974.0 987.8 914.5	958.0 980.2 861.8
48 MALF. OF HIP NO OTHER DISEASE C/OTHER DISEASES	1028 961 67	0.8 0.7 0.0	0 0 0	0 0 0	0 0 0	1000.0 1000.0 1000.0	1000.0 1000.0 1000.0
49 MULT. MALFORM. NO OTHER DISEASE C/OTHER DISEASES	56 33 23	0.0 0.0 0.0	3 2 1	22 15 7	0 0 0	714.3 697.0 739.1	553.6 484.8 652.2

TABLE 23
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
REGISTERED CONGENITAL MALFORMATIONS, PERINATAL CONDITIONS
AND BIRTH INJURIES

PR. 1000 FØDTE: ETTER FØDSEL:				DØDLIGHETS RATER (PR. 1000):				
24 TIMER	6 DAGER	27 DAGER	1 ÅR	DØD- FØDSEL	TIDL. PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
PER 1000 BIRTHS: AFTER BIRTH:				MORTALITY RATES (PER 1000):				
24 HOURS	6 DAYS	27 DAYS	1 YEAR	STILL- BIRTH	EARLY PERI- NATAL	PERI- NATAL	NEO- NATAL	POST- NEO- NATAL
434.4	402.7	352.9	262.4	441.3	549.3	582.2	344.5	168.1
445.9	414.0	369.4	293.0	443.7	536.4	569.5	309.5	142.9
406.3	375.0	312.5	187.5	435.5	580.6	612.9	428.6	228.6
876.9	815.4	800.0	723.1	46.2	123.1	184.6	161.3	80.6
959.2	898.0	898.0	877.6	20.4	40.8	102.0	83.3	20.8
625.0	562.5	500.0	250.0	125.0	375.0	437.5	428.6	285.7
916.0	895.0	882.4	865.5	50.4	84.0	105.0	70.8	17.7
950.7	945.8	940.9	936.0	39.4	49.3	54.2	20.5	5.1
714.3	600.0	542.9	457.1	114.3	285.7	400.0	387.1	96.8
871.8	679.5	589.7	512.8	0.0	128.2	320.5	410.3	76.9
938.8	755.1	673.5	612.2	0.0	61.2	244.9	326.5	61.2
758.6	551.7	448.3	344.8	0.0	241.4	448.3	551.7	103.4
888.4	767.4	734.9	669.8	18.6	111.6	232.6	251.2	66.4
932.4	817.6	790.5	743.2	20.3	67.6	182.4	193.1	48.3
791.0	656.7	611.9	507.5	14.9	209.0	343.3	378.8	106.1
964.9	961.7	952.1	945.7	3.2	35.1	38.3	44.9	6.4
1000.0	1000.0	996.1	996.1	0.0	0.0	0.0	3.9	0.0
807.0	789.5	754.4	719.3	17.5	193.0	210.5	232.1	35.7
924.6	913.5	902.3	878.9	40.8	74.3	85.4	58.1	24.5
974.1	968.0	960.4	954.3	18.3	24.4	30.5	20.2	6.2
710.5	677.6	651.3	552.6	138.2	289.5	322.4	244.3	114.5
999.0	998.1	997.1	993.2	0.0	1.0	1.9	2.9	3.9
1000.0	1000.0	999.0	995.8	0.0	0.0	0.0	1.0	3.1
985.1	970.1	970.1	955.2	0.0	14.9	29.9	29.9	14.9
321.4	232.1	232.1	160.7	415.1	660.4	754.7	580.6	129.0
303.0	212.1	212.1	151.5	483.9	677.4	774.2	562.5	125.0
347.8	260.9	260.9	173.9	318.2	636.4	727.3	600.0	133.3

(CONINUED)

TABELL 23 (CONT.)

OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
LEVEAR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER REGISTRERTE
MEDFØDTE MISDANNELSER, LIDELSER OG FØDSELSSKADER

TYPE AV MISDANNELSE, LIDELSE, SKADE	FØDTE IALT:		HERAV: DØDFØDTE MED FØSTERALDER:			ANTALL I LIVE FØR FØDSEL	I LIVE VED FØDSEL
	ANTALL	PRO- SENT	<28 UKER	=>28 UKER	UOPP- GITT		
50 DOWNS SYNDR. NO OTHER DISEASE C/OTHER DISEASES	121 89 42	0.1 0.1 0.0	0 0 0	10 5 5	0 0 0	954.2 955.1 952.4	923.7 943.8 881.0
51 OTHER CONG. MAL- FORMATIONS NO OTHER DISEASE C/OTHER DISEASES	147 112 35	0.1 0.1 0.0	2 2 0	15 8 7	0 0 0	891.2 910.7 828.6	884.4 910.7 800.0
52 BIRTH INJURIES NO OTHER DISEASE C/OTHER DISEASES	322 228 94	0.2 0.2 0.1	0 0 0	8 5 3	0 0 0	990.7 991.2 989.4	975.2 978.1 968.1
53 ERYTHROBLAST. NO OTHER DISEASE C/OTHER DISEASES	518 483 35	0.4 0.4 0.0	3 3 0	22 21 1	1 1 0	959.5 958.6 971.4	949.8 948.2 971.4
54 ANOX./HYPOXIA NO OTHER DISEASE C/OTHER DISEASES	1112 758 354	0.8 0.6 0.3	3 3 0	35 30 5	1 1 0	982.9 976.3 997.2	964.9 955.1 985.9
55 WEAKNESS COND. NO OTHER DISEASE C/OTHER DISEASES	264 175 89	0.2 0.1 0.1	0 0 0	1 1 0	0 0 0	1000.0 1000.0 1000.0	996.2 994.3 1000.0
56 OTHER COND. NO OTHER DISEASE C/OTHER DISEASES	1823 1213 610	1.3 0.9 0.4	20 19 1	158 134 24	9 8 1	921.6 898.6 967.2	897.4 867.3 957.4
WITH REG. DISEASE	6239	4.6	34	361	14	955.3	934.4
NO REG. DISEASES	129492	95.4	453	1103	65	991.0	987.5
TOTAL BIRTHS	135731	100.0	487	1464	79	989.4	985.0

TABLE 23 (CONT.)
 SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
 YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO
 REGISTERED CONGENITAL MALFORMATIONS, PERINATAL CONDITIONS
 AND BIRTH INJURIES

PR. 1000 FØDTE:				DØDLIGHETS RATER (PR. 1000):				
EFTER FØDSEL:				DØD-	TIDL.	PERI-	NEO-	POST-
24	6	27	1	FØDSEL	PERI-	NATAL	NATAL	NEO-
TIMER	DAGER	DAGER	ÅR		NATAL			NATAL
PER 1000 BIRTHS:				MORTALITY RATES (PER 1000):				
AFTER BIRTH:				STILL-	EARLY	PERI-	NEO-	POST-
24	6	27	1	BIRTH	PERI-	NATAL	NATAL	NEO-
HOURS	DAYS	DAYS	YEAR		NATAL			NATAL
908.4	870.2	847.3	664.1	76.3	91.6	129.8	82.6	198.3
943.8	921.3	910.1	730.3	56.2	56.2	78.7	35.7	190.5
833.3	761.9	714.3	523.8	119.0	166.7	238.1	189.2	216.2
829.9	816.3	782.3	748.3	103.4	158.6	172.4	115.4	38.5
892.9	892.9	857.1	848.2	72.7	90.9	90.9	58.8	9.8
628.6	571.4	542.9	428.6	200.0	371.4	428.6	321.4	142.9
894.4	788.3	776.4	751.6	24.8	105.6	211.2	203.8	25.5
929.8	855.3	842.1	820.2	21.9	70.2	144.7	139.0	22.4
808.5	627.7	617.0	585.1	31.9	191.5	372.3	362.6	33.0
899.6	890.0	886.1	860.3	42.8	93.4	103.1	67.1	6.1
923.4	913.0	911.0	904.8	43.8	68.9	79.3	39.3	6.6
571.4	571.4	542.9	542.9	28.6	428.6	428.6	441.2	0.0
781.5	666.4	651.1	636.7	31.6	215.7	331.2	325.3	14.9
607.4	728.2	708.4	699.2	39.8	188.3	267.9	258.3	9.7
726.0	533.9	528.2	502.8	14.1	274.0	466.1	464.2	25.8
916.7	855.1	856.1	848.5	3.8	83.3	143.9	140.7	7.6
925.7	902.9	902.9	891.4	5.7	74.3	97.1	92.0	11.5
696.9	764.0	764.0	764.0	0.0	101.1	236.0	236.0	0.0
637.1	782.8	763.0	738.3	88.1	149.4	204.6	149.8	27.5
809.6	765.0	744.4	727.1	113.0	172.0	217.5	141.6	20.0
891.8	818.0	800.0	760.7	39.5	105.3	179.3	164.4	41.1
875.6	834.7	821.1	800.9	58.3	117.6	158.8	121.3	21.6
984.7	982.7	982.0	979.4	8.6	11.4	13.3	5.5	2.7
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

S E C T I O N I I I

SEASONAL VARIATION

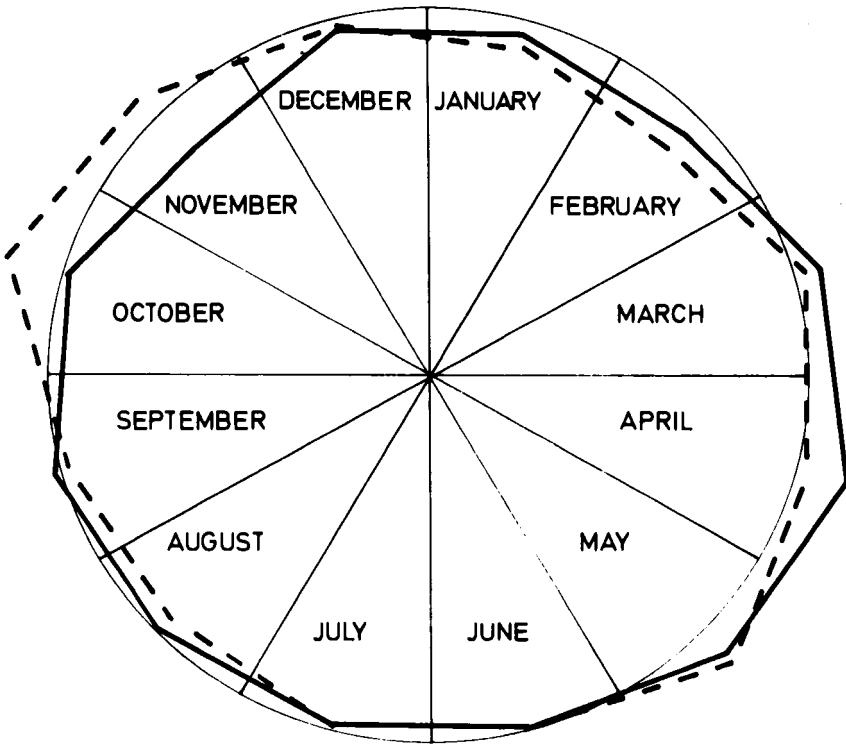
Relative frequency of births in 1967 and 1968 by calendar month (with no adjustments for differences in number of days per month) varied from a high of 112.2 per cent in the month of April to a low of 89.0 per cent in the month of November.

DIAGRAM 9 illustrates the variation by calendar month in number of births after induced labour, and in number of "spontaneous" births. The variation by month in relative numbers of the two types of birth corresponds quite well, except for the months of October and November.

Data on mortality at time of birth and survival during the first year after birth is presented in TABLE 24, page 136 . In general, chances of survival appear to be most favorable for those born in the months of April and September, least favorable for those born in the months of January, February, and March.

DIAGRAM 9

RELATIVE NUMBER OF BIRTHS ACCORDING TO CALENDAR-MONTH. BIRTHS 1967 AND 1968

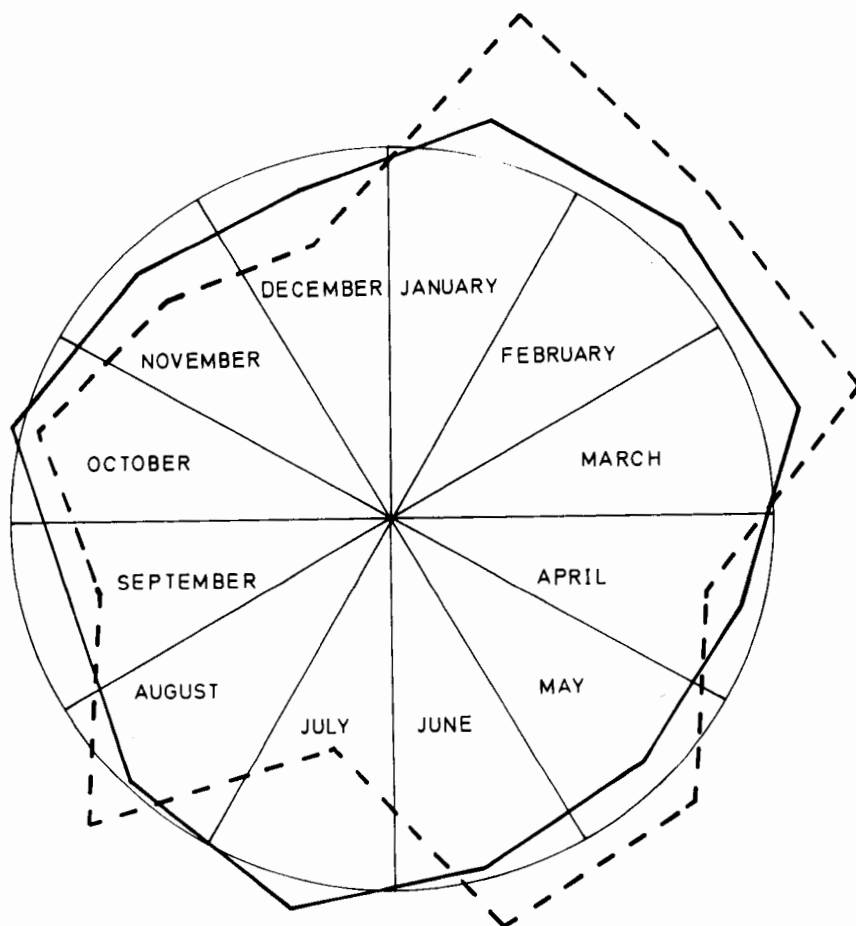


- RELATIVE NUMBER OF " SPONTANEOUS" BIRTHS
- - - - - RELATIVE NUMBER OF BIRTHS AFTER INDUCED LABOUR
- AVERAGE MONTHLY NUMBER OF BIRTHS IN EACH GROUP = 100

Seasonal variation in perinatal mortality is illustrated in DIAGRAM 10, separately for births after induced labour and for "spontaneous" births.

DIAGRAM 10

RELATIVE PERINATAL MORTALITY ACCORDING TO CALENDAR MONTH OF BIRTH. BIRTHS 1967 AND 1968.



————— RELATIVE PERINATAL MORTALITY FOR "SPONTANEOUS" BIRTHS
 - - - - - RELATIVE PERINATAL MORTALITY FOR BIRTHS AFTER INDUCED LABOUR

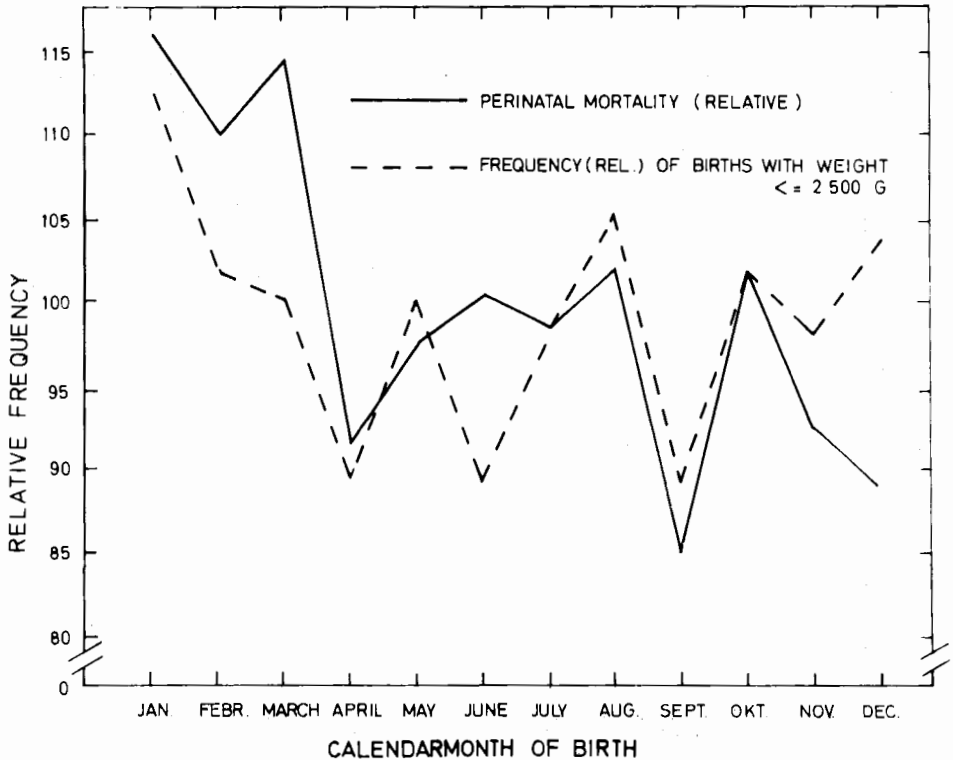
Perinatal mortality, clearly, is above average during the first quarter of the year for both types of birth. The variations by month in perinatal mortality for births of the two types during the remainder of the year correspond reasonably well, except for the month of July. Whether this exception is due to chance or to an "interesting" underlying factor cannot be answered without further analysis. Strangely enough, a rather low perinatal mortality can be observed in the present material in the months of November and December. Apart from this, variations over the year in perinatal mortality are much the same as reported by others (1).

Variations by calendar month with respect to gestational age and birth weight are documented in TABLES 25 and 26, pages 138-141, respectively. Average gestational age and average birth weight varies apparently little by calendar month of birth. Variations in frequency of births with especially short gestational age are more marked, and this also is true for the frequency of births weighing 2500 grams or less.

It is well known that a greater proportion of the perinatal deaths have a birth weight under 2500 grams and, that prematurity is given as the sole cause of death on the certificates of a considerable proportion of these cases (4). A close association between seasonal variations in perinatal mortality and prematurity is thus to be expected. That such an association exists in the present material is illustrated in DIAGRAM 11. The correlation coefficient, $r = 0.594$, with a P between 0.02 and 0.05 that $\rho = 0$.

DIAGRAM 11

SEASONAL VARIATION IN PERINATAL MORTALITY COMPARED TO SEASONAL VARIATION IN FREQUENCY OF BIRTH WEIGHTS ≤ 2500 G

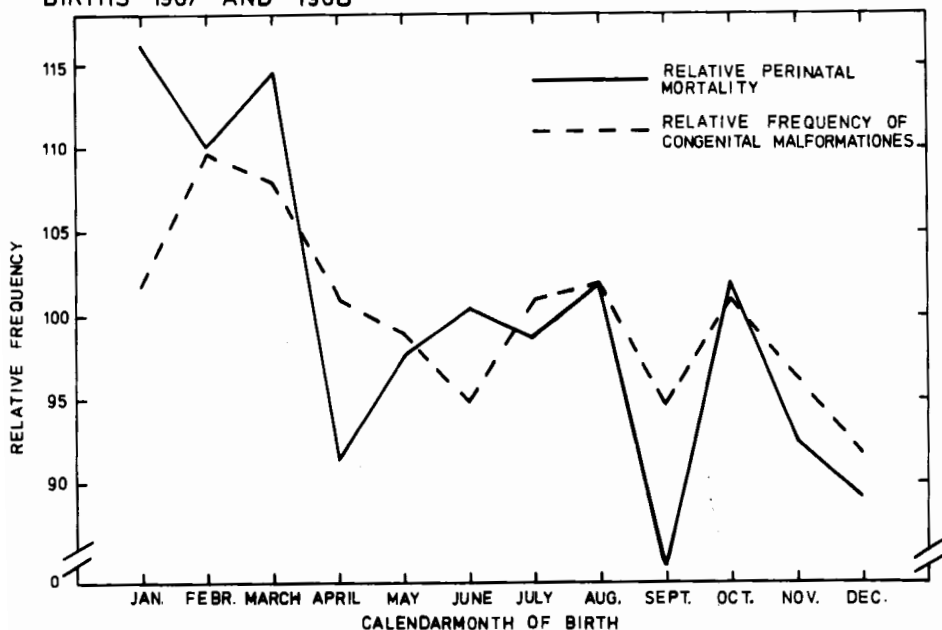


In addition to prematurity, congenital malformations are frequently registered as the cause of death on the certificate of the perinatal deaths (1,4). Tabular information on frequency of malformations by calendar month of birth is not included in this report. However, a rather close association in seasonal variations of frequency of malformation and perinatal mortality is demonstrated in DIAGRAM 12. The correlation coefficient, $r = 0.779$, with a P less than 0.01 that $\rho = 0$.

Of other factors which in Section II of this report were found to be associated with a higher than average perinatal mortality, frequency of illegitimate births and frequency of 1st born, are selected for a graphical comparison with seasonal varia-

DIAGRAM 12

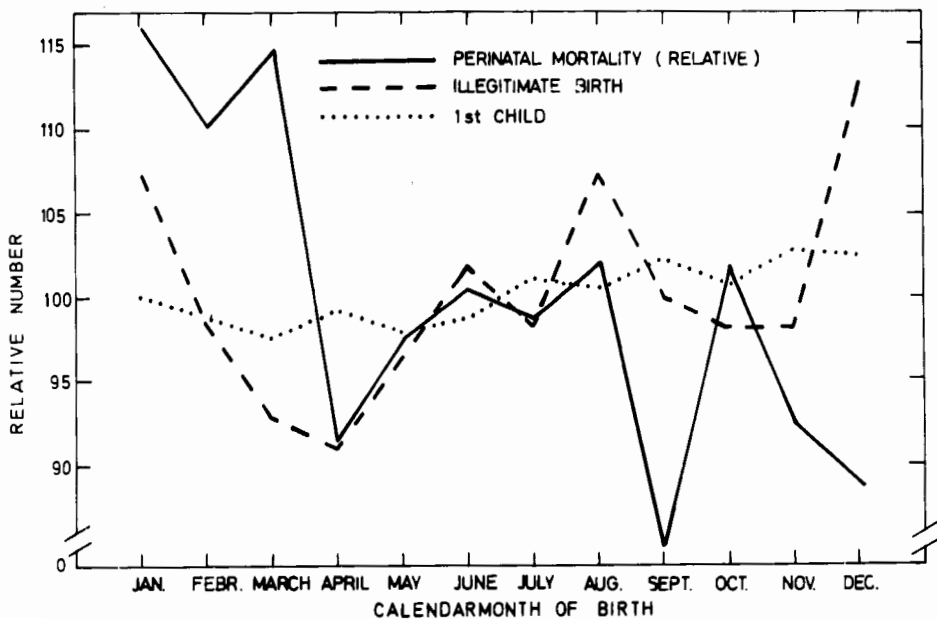
SEASONAL VARIATION IN FREQUENCY OF CONGENITAL MALFORMATIONS COMPARED TO SEASONAL VARIATION IN PERINATAL MORTALITY, BIRTHS 1967 AND 1968



From DIAGRAM 13, it will be apparent that the variation over the year in frequency of 1st born is rather small. The variation in frequency of illegitimate births is quite pronounced. It corresponds to a certain extent with the variation in perinatal mortality, although the correlation is not found to be statistically significant.

DIAGRAM 13

RELATIVE NUMBER OF 1st CHILD AND ILLEGITIMATE BIRTHS 1967 AND 1968 BY CALENDAR MONTH OF BIRTH COMPARED TO SEASONAL VARIATION IN PERINATAL MORTALITY.



TABELL 24
 OVERLEVELSESFORHOLD OG DØDLIGHET OMKRING FØDSEL OG I FØRSTE
 LEVEÅR: FOR FØDTE 1967 OG 1968 GRUPPERT ETTER FØDSELSMÅNED
 OG ETTER HVORVIDT FØDSELEN BLE PROVOSERT ELLER IKKE

MONTH BORN		TOTAL BIRTHS		OF WHICH: STILL-			NUMBER ALIVF BEFORE AT LABOUR BIRTH	
		NUMBER	PER- CENT	<28 WEEKS	=>28 WEEKS	UN- KNOWN		
JANUARY	INDUC.	1129	0.8	5	51	1	961.9	949.5
	SPONT.	9652	7.1	30	77	6	991.4	988.3
	TOTAL	10781	7.9	35	128	7	988.3	984.2
FEBRUARY	INDUC.	1072	0.8	10	46	2	954.3	945.9
	SPONT.	9465	7.0	41	99	3	988.7	984.9
	TOTAL	10537	7.8	51	145	5	985.2	980.9
MARCH	INDUC.	1264	0.9	6	45	1	969.1	958.9
	SPONT.	10748	7.9	38	101	6	990.8	988.5
	TOTAL	12012	8.8	44	146	7	988.5	983.6
APRIL	INDUC.	1267	0.9	8	37	1	967.6	963.7
	SPONT.	11423	8.4	25	93	7	991.6	989.1
	TOTAL	12690	9.3	33	130	8	989.2	986.5
MAY	INDUC.	1368	1.0	3	51	4	968.6	957.6
	SPONT.	10245	8.1	49	66	5	992.8	989.0
	TOTAL	12313	9.1	52	117	9	990.1	985.5
JUNE	INDUC.	1225	0.9	11	47	3	962.4	950.2
	SPONT.	10009	7.4	37	75	4	992.9	989.4
	TOTAL	11234	8.3	48	122	7	989.6	984.2
JULY	INDUC.	1211	0.9	8	21	1	986.0	975.2
	SPONT.	9893	7.3	18	76	7	993.1	989.8
	TOTAL	11104	8.2	26	97	8	992.3	988.2
AUGUST	INDUC.	1167	0.9	4	51	1	962.3	952.0
	SPONT.	10027	7.4	34	79	7	992.2	988.0
	TOTAL	11194	8.2	38	130	8	989.1	984.3
SEPTEMBER	INDUC.	1211	0.9	6	33	2	972.7	966.1
	SPONT.	10269	7.6	24	75	4	993.6	990.0
	TOTAL	11480	8.5	30	108	6	991.4	987.5
OCTOBER	INDUC.	1413	1.0	5	45	2	974.5	963.2
	SPONT.	9984	7.4	43	94	3	991.1	986.0
	TOTAL	11397	8.4	48	139	5	989.0	983.2
NOVEMBER	INDUC.	1225	0.9	4	30	0	974.7	972.2
	SPONT.	8843	6.5	32	69	1	992.1	988.5
	TOTAL	10068	7.4	36	99	1	990.0	986.5
DECEMBER	INDUC.	1201	0.9	4	28	3	975.9	970.9
	SPONT.	9720	7.2	42	75	5	991.6	987.4
	TOTAL	10921	8.0	46	103	8	989.8	985.6
TOTAL	INDUC.	14753	10.9	74	485	21	969.4	960.7
	SPONT.	120578	89.1	413	979	58	991.8	988.0
	TOTAL	135731	100.0	487	1464	79	989.4	985.0

TABLE 24
SURVIVAL AND MORTALITY AT TIME OF BIRTH AND DURING THE FIRST
YEAR OF LIFE: BIRTHS 1967 AND 1968 GROUPED ACCORDING TO MONTH
BORN AND WHETHER LABOUR WAS INDUCED OR SPONTANEOUS

PER 1000 BIRTHS:				MORTALITY RATES (PER 1000):				
AFTER BIRTH:				STILL-	EARLY	PERI-	NEO-	POST-
24	6	27	1	BIRTH	PERI-	NATAL	NATAL	NEO-
HOURS	DAYS	DAYS	YEAR		NATAL			NATAL
938.9	936.2	934.5	927.4	45.4	56.1	58.8	15.9	7.5
982.9	977.3	976.1	971.9	8.0	13.4	19.0	12.4	4.2
978.3	973.0	971.7	967.3	11.9	17.9	23.2	12.7	4.5
943.1	938.4	937.5	935.6	43.4	46.2	50.9	8.9	2.0
980.1	976.7	975.0	971.6	10.5	15.3	18.8	10.1	3.4
976.4	972.8	971.1	967.9	13.8	18.4	22.0	10.0	3.3
952.5	940.7	939.9	935.9	35.8	42.2	54.1	19.8	4.1
980.5	976.7	975.4	972.0	9.4	15.5	19.2	11.2	3.5
977.5	972.9	971.7	968.2	12.2	18.3	22.9	12.1	3.6
959.7	957.4	955.8	953.4	29.4	33.4	35.8	8.2	2.5
984.1	980.8	980.2	976.9	8.2	13.2	16.4	8.9	3.4
981.6	978.5	977.8	974.5	10.3	15.2	18.3	8.9	3.3
952.5	948.8	946.6	943.7	37.5	42.6	46.3	11.5	3.1
983.1	979.0	977.7	974.2	6.1	12.0	16.2	11.5	3.5
979.7	975.6	974.3	970.8	9.5	15.4	19.5	11.5	3.5
947.8	941.2	940.4	939.6	38.8	41.3	47.9	10.3	0.9
983.1	979.2	977.6	974.8	7.5	12.8	16.8	10.9	2.8
979.3	975.1	973.6	971.0	10.9	15.9	20.1	10.9	2.6
969.4	966.1	965.3	962.0	17.5	23.3	26.6	10.2	3.4
981.7	978.7	977.4	973.6	7.7	15.8	18.8	12.6	3.8
980.4	977.3	976.0	972.4	8.8	16.6	19.7	12.3	3.7
949.4	947.7	946.9	946.0	43.9	46.5	48.2	5.4	0.9
982.1	978.9	977.4	973.9	7.9	13.8	17.1	10.8	3.5
978.7	975.6	974.2	971.0	11.7	17.2	20.4	10.3	3.3
962.0	959.5	957.1	952.9	27.4	31.6	34.1	9.4	4.3
986.4	982.3	981.2	978.4	7.3	10.9	15.0	8.9	2.9
983.8	979.9	978.7	975.7	9.4	13.1	17.0	8.9	3.0
958.2	954.7	953.3	951.2	32.0	37.0	40.5	10.3	2.2
981.9	978.0	976.2	973.8	9.5	13.6	17.5	10.0	2.4
978.9	975.1	973.3	971.0	12.3	16.5	20.4	10.0	2.4
965.7	961.6	960.8	952.7	24.6	31.1	35.2	11.8	8.4
983.2	980.1	978.5	973.4	7.8	13.2	16.2	10.1	5.1
981.0	977.9	976.4	970.9	9.9	15.4	18.5	10.3	5.5
964.2	962.5	962.5	959.2	23.5	30.2	31.8	8.6	3.4
982.2	979.2	978.1	974.2	7.8	13.0	16.0	9.5	4.0
980.2	977.4	976.4	972.5	9.5	14.9	17.8	9.4	3.9
955.5	951.5	950.2	946.9	33.1	38.3	42.4	10.9	3.5
982.6	978.9	977.6	974.1	8.1	13.5	17.3	10.5	3.5
979.7	975.9	974.6	971.1	10.8	16.2	20.0	10.6	3.5

TABELL: 25
 SVANGERSKAPSLENGDE (UKER) OG GJENNOMSNITTLIG SVANGERSKAPSLENGDE:
 FOR FØDTE 1967 OG 1968 GRUPPERT ETTER FØDSELSMANED

FØDSELSMANED	FØDTE:			FORDELING ETTER			
	TOTAL ANTALL	M/REG. ANTALL	SV.SK.L. PRO- SENT	<14 UKER	14-17 UKER	18-21 UKER	22-25 UKER
JANUARY	10781	10282 100.0	95.4	1 0.0	2 0.0	13 0.1	30 0.3
FEBRUARY	10537	10166 100.0	96.5	1 0.0	4 0.0	15 0.1	34 0.3
MARCH	12012	11636 100.0	96.9	0 0.0	5 0.0	16 0.1	37 0.3
APRIL	12690	12290 100.0	96.8	2 0.0	0 0.0	16 0.1	24 0.2
MAY	12313	11897 100.0	96.6	0 0.0	1 0.0	23 0.2	41 0.3
JUNE	11234	10754 100.0	96.1	0 0.0	0 0.0	20 0.2	41 0.4
JULY	11104	10693 100.0	96.3	1 0.0	0 0.0	10 0.1	30 0.3
AUGUST	11194	10797 100.0	96.5	1 0.0	2 0.0	10 0.1	34 0.3
SEPTEMBER	11480	11179 100.0	97.4	0 0.0	1 0.0	14 0.1	19 0.2
OCTOBER	11397	11107 100.0	97.5	2 0.0	3 0.0	10 0.1	42 0.4
NOVEMBER	10068	9781 100.0	97.1	0 0.0	2 0.0	9 0.1	30 0.3
DECEMBER	10921	10537 100.0	96.5	1 0.0	2 0.0	13 0.1	41 0.4
IALT TOTAL	135731	131159 100.0	96.6	9 0.0	22 0.0	169 0.1	403 0.3

TABLE: 25
 GESTATIONAL AGE (WEEKS) AND MEAN GESTATIONAL AGE: BIRTHS 1967
 AND 1968 GROUPED ACCORDING TO MONTH OF BIRTH

SVANGER SKAPSLÆNGDE (UKER), ANTALL OG PROSENT:							GJ.SN. SV.SK. TID (UKER)	SVANGER SKAP =>28 UKER
26-29 UKER	30-33 UKER	34-37 UKER	38-41 UKER	42-45 UKER	46-49 UKER	=>50 UKER		
GESTATIONAL AGE (WEEKS), NUMBER AND PERCENT:							MEAN GEST. AGE (WEEKS)	GEST. AGE =>28 WEEKS
26-29 WEEKS	30-33 WEEKS	34-37 WEEKS	38-41 WEEKS	42-45 WEEKS	46-49 WEEKS	=>50 WEEKS		
62 0.6	174 1.7	892 8.7	7666 74.6	1359 13.2	39 0.4	44 0.4	39.6	10208 99.3
61 0.6	145 1.4	739 7.3	7747 76.2	1336 13.1	45 0.4	39 0.4	39.7	10084 99.2
62 0.5	170 1.5	978 8.4	8773 75.4	1503 12.9	46 0.4	46 0.4	39.6	11548 99.2
51 0.4	156 1.3	872 7.1	9407 75.5	1646 13.4	57 0.5	59 0.5	39.8	12217 99.4
74 0.6	158 1.3	874 7.3	8978 75.5	1626 13.7	61 0.5	61 0.5	39.7	11796 99.2
54 0.5	147 1.4	815 7.6	8158 75.6	1455 13.5	41 0.4	63 0.6	39.7	10703 99.2
52 0.5	170 1.6	863 8.1	7940 74.3	1506 14.1	59 0.6	62 0.6	39.7	10622 99.3
48 0.4	154 1.4	964 8.9	7928 73.4	1537 14.2	58 0.5	61 0.6	39.7	10727 99.4
45 0.4	149 1.3	852 7.6	8516 76.2	1483 13.3	52 0.5	48 0.4	39.7	11122 99.5
60 0.5	193 1.7	849 7.6	8305 74.8	1550 14.0	52 0.5	41 0.4	39.7	11027 99.3
56 0.6	136 1.4	896 9.2	7366 75.3	1203 12.3	42 0.4	41 0.4	39.6	9714 99.3
63 0.6	160 1.5	923 8.8	7997 75.9	1253 11.9	44 0.4	40 0.4	39.6	10451 99.2
688 0.5	1912 1.5	10517 8.0	98781 75.3	17457 13.3	596 0.5	605 0.5	39.7	130219 99.3

TABELL 26
 FØDSELSVEKT, GJENNOMSNIITTSVEKT OG HYPPIGHET AV PREMATURITET:
 FOR FØDTE 1967 OG 1968 GRUPPERT ETTER FØDSELSMÅNED

FØDSELSMÅNED	FØDTE: M/OPPL. VEKT:		PRO- SENT	V E K T F O R D E L I N G				
	TOTAL ANTALL	ANTALL		0- 499	500- 999	1000- 1499	1500- 1999	2000- 2499
MONTH OF BIRTH	BIRTHS:C/ TOTAL NUMBER	KNOWN NUMBER	WGHT PER- CENT	DISTRIBUTION OF BIRTHWEIGHTS				
				0- 499	500- 999	1000- 1499	1500- 1999	2000- 2499
JANUARY	10781	10746 100.0	99.7	18 0.2	43 0.4	92 0.9	141 1.3	350 3.3
FEBRUARY	10537	10496 100.0	99.6	25 0.2	54 0.5	77 0.7	128 1.2	301 2.9
MARCH	12012	11962 100.0	99.6	25 0.2	54 0.5	69 0.6	147 1.2	351 2.9
APRIL	12690	12641 100.0	99.6	13 0.1	48 0.4	71 0.6	138 1.1	341 2.7
MAY	12313	12271 100.0	99.7	22 0.2	65 0.5	86 0.7	132 1.1	362 3.0
JUNE	11234	11185 100.0	99.6	26 0.2	48 0.4	67 0.6	116 1.0	290 2.6
JULY	11104	11073 100.0	99.7	12 0.1	50 0.5	67 0.6	127 1.1	338 3.1
AUGUST	11194	11157 100.0	99.7	17 0.2	47 0.4	61 0.5	153 1.4	362 3.2
SEPTEMBER	11480	11457 100.0	99.8	20 0.2	29 0.3	53 0.5	105 0.9	353 3.1
OCTOBER	11397	11368 100.0	99.7	31 0.3	47 0.4	70 0.6	129 1.1	353 3.1
NOVEMBER	10068	10044 100.0	99.8	20 0.2	44 0.4	58 0.6	90 0.9	333 3.3
DECEMBER	10921	10885 100.0	99.7	22 0.2	47 0.4	82 0.8	109 1.0	355 3.3
IALT	135731	135285 100.0	99.7	251 0.1	576 0.4	853 0.6	1515 1.1	4089 3.0

TABLE 26
 BIRTH WEIGHT, MEAN BIRTH WEIGHT AND FREQUENCY OF BIRTH WEIGHTS
 2500 GRAMS OR LESS: BIRTHS 1967 AND 1968 GROUPED ACCORDING
 TO MONTH OF BIRTH

(GRAM), ANTALL OG PROSENT:							GJ.SN. VEKT	STAND. AVVIK.	ANTALL / PROSENT =<2500G
2500- 2999	3000- 3499	3500- 3999	4000- 4499	4500- 4999	5000- 5499	5500+			
1256	3536	3629	1363	276	36	6	3438.6	615.3	680
11.7	32.9	33.8	12.7	2.6	0.3	0.1			6.3
1186	3457	3473	1460	294	34	7	3453.1	620.9	605
11.3	32.9	33.1	13.9	2.8	0.3	0.1			5.7
1388	3866	4127	1573	329	30	3	3454.5	602.6	677
11.6	32.3	34.5	13.1	2.8	0.3	0.0			5.6
1411	4204	4266	1740	359	45	5	3472.2	586.7	641
11.2	33.3	33.7	13.8	2.8	0.4	0.0			5.0
1409	3958	4155	1705	329	43	5	3460.8	611.3	693
11.5	32.3	33.9	13.9	2.7	0.4	0.0			5.6
1371	3580	3839	1520	297	27	4	3458.4	600.4	565
12.3	32.0	34.3	13.6	2.7	0.2	0.0			5.0
1412	3603	3714	1433	275	40	2	3442.5	598.2	612
12.8	32.5	33.5	12.9	2.5	0.4	0.0			5.5
1302	3641	3789	1460	284	41	0	3446.4	601.5	664
11.7	32.6	34.0	13.1	2.5	0.4	0.0			5.9
1313	3815	3943	1506	281	37	2	3463.2	576.4	582
11.5	33.3	34.4	13.1	2.5	0.3	0.0			5.0
1273	3611	3908	1595	299	46	6	3464.8	612.9	655
11.2	31.8	34.4	14.0	2.6	0.4	0.1			5.7
1232	3348	3343	1293	245	32	6	3443.6	600.3	561
12.3	33.3	33.3	12.9	2.4	0.3	0.1			5.5
1425	3583	3567	1378	288	28	1	3429.7	607.7	640
13.1	32.9	32.8	12.7	2.6	0.3	0.0			5.8
15978	44202	45753	18026	3556	439	47	3452.8	602.8	7575
11.8	32.6	33.8	13.3	2.6	0.3	0.0			5.6

CLOSING REMARK

One of the intentions of this report has been to review some of the information collected through the scheme of medical registration of births. We have tried to demonstrate some uses of the data in analyses of aspects of importance to mother and child health.

The great enhancement of the material that results from its linkage to data from the official registration of deaths, should be pointed out. An even greater enhancement would, no doubt, result from a linkage to data of a systematic and comprehensive follow up on morbidity of infants with registered conditions at time of birth and of other children at special risk of developing functional disorders. We have on several occasions advocated that such a scheme should be implemented on a national scale. We feel that the flow of information can be handled through the proper use of the data processing equipment already available today. We are confident the scheme will be beneficial to those in need of medical care, and be of great help also to those responsible for providing that care on the local level.

As a closing remark and with a look towards the future, we would like to draw attention to the fact that a pilot study on ways to collect information on health of infants systematically is now under way in one county. This study is made possible through the pioneering efforts of public health nurses and physicians engaged in the child health services of this county. We believe these efforts will contribute to and further the health of the child population.

R E F E R E N C E S

1. Backer, Julie E. & Aagenes, Ø.: Infant mortality in Norway 1901 - 1963. Central Bureau of Statistics of Norway, Oslo 1966.
2. Bjerkedal, T. & Bakketeig, L.S.: Arbeidsrapport No. 1, okt. 1970, Universitetet i Bergen.
3. Bjerkedal, T., Bakketeig, L.S. & Lillestøl, J.: Endringer i forekomsten av medfødte misdannelser, prematuritet og dødfødsel, 1971, Universitetet i Bergen.
4. Central Bureau of Statistics: Health Statistics 1965. Oslo 1967.
5. Klemetti, A. & Saxén, L.: The Finnish register of congenital malformations. Organization and six years of experience. Health Services Research of the National Board of Health in Finland, No. 9, Helsinki, 1970.
6. Kullander, S. & Rannevik, G.: Urinvägsinfektioner under graviditet. Läkartidningen, Stockholm 1968, 65, suppl. 3, 61-68.
7. Lawrence, K.M., Carter, C.O. & David, P.A.: Major central nervous system malformations in South Wales: II. Pregnancy factors, seasonal variation, and social class effects. Brit.J.prev.soc.med., 1968, 22, 212.
8. Leck, I., Record, R.G., Mc Keown, Th. & Edwards, J.H.: The Incidence of Malformations in Birmingham, England, 1950-1959. Teratology 1968/69, 1, 263-280.
9. McKeown, Th. & Record, R.G.: Malformations in a population observed for five years after birth. Ciba Foundation Symp. on Cong. Malformations, G.E.W. Wolstenholme and C.H. O'Connor 2-21, Churchill, London 1960.
10. Mellbye, Fr.: Medisinsk registrering av fødsel. T. norske Lægefor., 1967, 87, 1085-1086.
11. Møller, Eva-Brita: Studies in diabetic pregnancy. Lund 1970.
12. Selvin, S. & Janerich, D.T.: Four Factors Influencing Birth Weight. Brit.J.prev.soc.med. 1971, 25, 12-16.
13. Slater, B.C.S., Watson, G.I. & McDonald, J.C.: Seasonal variation in congenital abnormalities. Preliminary report of a survey conducted by the Research Committee of Council of the College of General Practitioners. Brit.J.prev.soc.med. 1964, 18, 1-7.
14. World Health Organization: Genetic factors in congenital malformations. Technical report series No. 438, Geneva 1970.
15. Yerushalmy, J.: Relation of birth weight, gestational age, and the rate of intrauterine growth to perinatal mortality. Clinical Obstetrics and Gynecology, 1970, 13:107-29.
16. Hay, Sylvia: Incidence of Selected Congenital Malformations in IOWA, Am.J.of Epid., 1971, Vol. 94, 6, 572-584.

