**Supplementary Table S3:** Incidence of pediatric celiac disease per 1,000 live births

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Study** | **Country (Area)** | **Case Ascertainment** | **Diagnostic Criteria** | **Time Period** | **New Cases** | **Incidence** |
| **Northern Europe** | | | | | | |
| Greco 19921 | Denmark (Copenhagen) | Participating centres contacted for data | Biopsy | 1975-1989 | 30 | 0.09 |
| Weile 19952 | Denmark (Copenhagen) | - | Biopsy | 1972-1989 | 24 | 0.01 |
| Weile 19933 | Denmark (Nationwide) | National and local registries, Celiac Society | Biopsy | 1960-1988 | 176 | 0.09 |
| Uibo 19944 | Estonia | Contacting chief district pediatricians | Biopsy | 1976-1992 | 36 | 0.05\* |
| Greco 19921 | Finland (Tampere) | Participating centres contacted for data | Biopsy | 1975-1989 | 114 | 0.82 |
| Maki 19885 | Finland (Pirkanmaa) | Hospital records | Biopsy | 1960-1984 | 72 | 0.55 |
| Kokkonen 19826 | Finland (Northern) | Dietary grant register | Biopsy | 1960-1979 | 78 | 0.42 |
| Mylotte 19737 | Ireland (Galway) | Hospital records | Biopsy | 1960-1970 | 54 | 1.68\* |
| Mylotte 19737 | Ireland (Mayo & Roscommon) | Hospital records | Biopsy | 1960-1970 | 43 | 1.36\* |
| Stevens 19878 | Ireland (Galway) | Hospital records | Biopsy | 1960-1981 | 103 | 1.50\* |
| Greco 19921 | Norway (Bergen) | Participating centres contacted for data | Biopsy | 1980-1989 | 51 | 0.59 |
| Greco 19921 | Sweden (Gothenburg) | Participating centres contacted for data | Biopsy | 1975-1989 | 196 | 2.05 |
| Ascher 19919 | Sweden (Gothenburg) | Hospital records | Biopsy | 1970-1988 | 156 | 1.49\*a |
| Greco 19921 | Sweden (Lund) | Participating centres contacted for data | Biopsy | 1975-1989 | 167 | 2.53 |
| Weile 19952 | Sweden (Lund) | - | Biopsy | 1972-1989 | 155 | 0.13 |
| Berg 197910 | Sweden (Malmö) | Hospital records | Biopsy | 1966-1975 | 34 | 1.02\* |
| Cavell 199211 | Sweden (Nationwide) | Contacting pediatric departments | Biopsy | 1978-1987 | 1,944 | 2.42\* |
| Greco 19921 | Sweden (Norrköping) | Participating centres contacted for data | Biopsy | 1975-1989 | 113 | 3.51 |
| Greco 19921 | Sweden (Västerbotten) | Participating centres contacted for data | Biopsy | 1975-1989 | 81 | 2.15 |
| Stenhammar 198112 | Sweden (Norrkoping and Jonkoping) | Hospital records | Biopsy | 1969-1977 | 64 | 1.16\* |
| Stenhammar 198713 | Sweden (Norrkoping) | Hospital records | Biopsy | 1970-1982 | 167 | 1.34 |
| Greco 19921 | UK (Bristol, England) | Participating centres contacted for data | Biopsy | 1980-1989 | 9 | 0.09 |
| Greco 19921 | UK (Nottingham and Derby, England) | Participating centres contacted for data | Biopsy | 1975-1989 | 130 | 0.23 |
| Challacombe 199714 | UK (West Somerset, England) | Hospital records | Biopsy | 1971-1992 | 39 | 0.66\* |
| Greco 19921 | UK (Cardiff, Wales) | Participating centres contacted for data | Biopsy | 1975-1989 | 53 | 1.23 |
| **Southern Europe** | | | | | | |
| Greco 19921 | Greece (Crete) | Participating centres contacted for data | Biopsy | 1980-1989 | 17 | 0.16 |
| Greco 19921 | Greece (Nationwide) | Participating centres contacted for data | Biopsy | 1980-1989 | 155 | 0.08 |
| Greco 198915 | Italy (Campania) | - | Biopsy | 1973-1986 | 730 | 0.56\* |
| Greco 19921 | Italy (Pavia) | Participating centres contacted for data | Biopsy | 1975-1989 | 56 | 0.64 |
| Greco 19921 | Italy (Piemonte) | Participating centres contacted for data | Biopsy | 1975-1989 | 304 | 0.51 |
| Greco 19921 | Italy (Romagna) | Participating centres contacted for data | Biopsy | 1975-1989 | 149 | 0.96 |
| Greco 19921 | Italy (Sicily) | Participating centres contacted for data | Biopsy | 1975-1989 | 1,198 | 1.07 |
| Magazzu 199416 | Italy (Sicily) | Dietary grant registry | Biopsy | 1975-1989 | 1,074 | 0.96\* |
| Pittschieler 198817 | Italy (South Tirol) | - | Biopsy | 1973-1982 | 50 | 0.87\* |
| Greco 19921 | Italy (South Tyrol) | Participating centres contacted for data | Biopsy | 1980-1989 | 56 | 0.54 |
| Greco 19921 | Italy (Trieste) | Participating centres contacted for data | Biopsy | 1975-1989 | 102 | 0.80 |
| Greco 19921 | Portugal (South) | Participating centres contacted for data | Biopsy | 1980-1989 | 142 | 0.15 |
| Greco 19921 | Slovenia (Nationwide) | Participating centres contacted for data | Biopsy | 1975-1989 | 48 | 0.75 |
| Greco 19921 | Spain (Balearic Islands) | Participating centres contacted for data | Biopsy | 1975-1989 | 32 | 0.20 |
| Greco 19921 | Spain (Galacia) | Participating centres contacted for data | Biopsy | 1975-1989 | 404 | 0.65 |
| Greco 19921 | Spain (Valencia) | Participating centres contacted for data | Biopsy | 1975-1989 | 284 | 0.32 |
| Vitoria-Cormenzana 199118 | Spain (Vizcaya) | - | Biopsy | 1976-1987 | 87 | 0.46\* |
| **Eastern Europe** | | | | | | |
| Matek 199919 | Cakovec (Croatia) | Medical records | Biopsy | 1985-1994 | 31 | 1.93 |
| Greco 19921 | Hungary (Budapest) | Participating centres contacted for data | Biopsy | 1975-1989 | 230 | 0.40 |
| Greco 19921 | Poland (Bydgoszcz) | Participating centres contacted for data | Biopsy | 1980-1989 | 181 | 0.60 |
| Greco 19921 | Poland (Warsaw) | Participating centres contacted for data | Biopsy | 1975-1989 | 158 | 0.29 |
| Czaja-Bulsa 200720 | Poland (West Pomerania) | Medical records | Biopsy | 1976-2002 | 97 | 0.23\* |
| Domagala 201121 | Poland (Swietokrzyskie Region) | Medical records | Biopsy | 1984-2009 | 315 | 0.92 |
| Greco 19921 | Serbia (Novi Sad)b | Participating centres contacted for data | Biopsy | 1975-1989 | 225 | 0.53 |
| **Western Europe** | | | | | | |
| Rossipal 197522 | Austria (Graz) | - | Biopsy | 1969-1972 | 100 | 2.01\* |
| Chapoy 198123 | France (Alpes-Côte d'Azur) | Medical records from questionnaires | Biopsy | 1969-1979 | 123 | 0.22\* |
| Baudon 200124 | France (Nationwide)c | Hospital and healthcare centre records | Biopsy | 1996 | 77 | 0.41\* |
| Greco 19921 | France (Toulouse) | Participating centres contacted for data | Biopsy | 1975-1989 | 117 | 0.23 |
| Henker 199325 | Germany (Dresden) | - | Biopsy | 1970-1986 | 170 | 0.49\* |
| Greco 19921 | Germany (Hamburg) | Participating centres contacted for data | Biopsy | 1980-1989 | 102 | 0.51 |
| Greco 19921 | Germany (Munich) | Participating centres contacted for data | Biopsy | 1975-1989 | 81 | 0.37 |
| Greco 19921 | Germany (Rostock) | Participating centres contacted for data | Biopsy | 1975-1989 | 15 | 0.29 |
| Sandforth 199126 | Germany (West Berlin) | Pathology departments | Biopsy | 1986-1988 | 28 | 0.47\* |
| Greco 19921 | Netherlands (South Holland) | Participating centres contacted for data | Biopsy | 1975-1989 | 16 | 0.15 |
| George 199527 | Netherlands (Zuid-Holland, Noord Holland, Gelderland, Limburg, Utrecht, and Groningen) | National registry, pathology database, Celiac Society, pediatrician contact | Biopsy | 1975-1991 | 342 | 0.18 |
| George 199728 | Netherlands (Nationwide) | Hospital records through contacting pediatricians | Biopsy | 1975-1994 | - | 0.21\* |
| Steens 200529 | Netherlands (Nationwide) | Hospital records through contacting pediatricians, pathology database | Biopsy | 1993-2000 | 1,281 | 0.81 |
| Van Stirum 198230 | Switzerland (Zurich, St. Gallen, Winterthur, Aarau, Lucerne) | Hospital records | Biopsy | 1960-1978 | 488 | 0.62\* |
| **Western Asia** | | | | | | |
| Greco 19921 | Israel (Judea) | Participating centres contacted for data | Biopsy | 1975-1989 | 137 | 0.63 |
| Ashkenazi 198331 | Israel (Rehovot) | Hospital records | Biopsy | 1968-1979 | 99 | 1.80 |
| Dahan 198432 | Israel (Rehovot-Ashdod) | Hospital records | Biopsy | 1968-1981 | 111 | 1.71 |
| Rawashdeh 199633 | Jordan (Northern) | Hospital records | Biopsy | 1991-1994 | 34 | 0.36\* |
| Khuffash 198734 | Kuwait | - | Biopsy | 1980-1985 | 20 | 0.33\* |
| **Northern Africa** | | | | | | |
| Greco 19921 | Algeria (Oran) | Participating centres contacted for data | Biopsy | 1980-1989 | 535 | 1.21 |
| **Northern America** | | | | | | |
| Rossi 199335 | United States (New York) | Hospital records | Biopsy | 1980-1990 | 29 | 0.13 |
| **Southern America** | | | | | | |
| Polanco 199236 | Argentina (Nationwide) | - | Biopsy | 1975-1989 | 1,998 | 0.51\* |
| Polanco 199236 | Uruguay (Nationwide) | - | Biopsy | 1975-1989 | 404 | 0.34\* |

\*overall incidence rate calculated based on values provided in-text, table, and/or figure

a refers to those aged <2 years  
b study performed when this region was part of Yugoslavia  
c covered approximately half of pediatric population in France

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