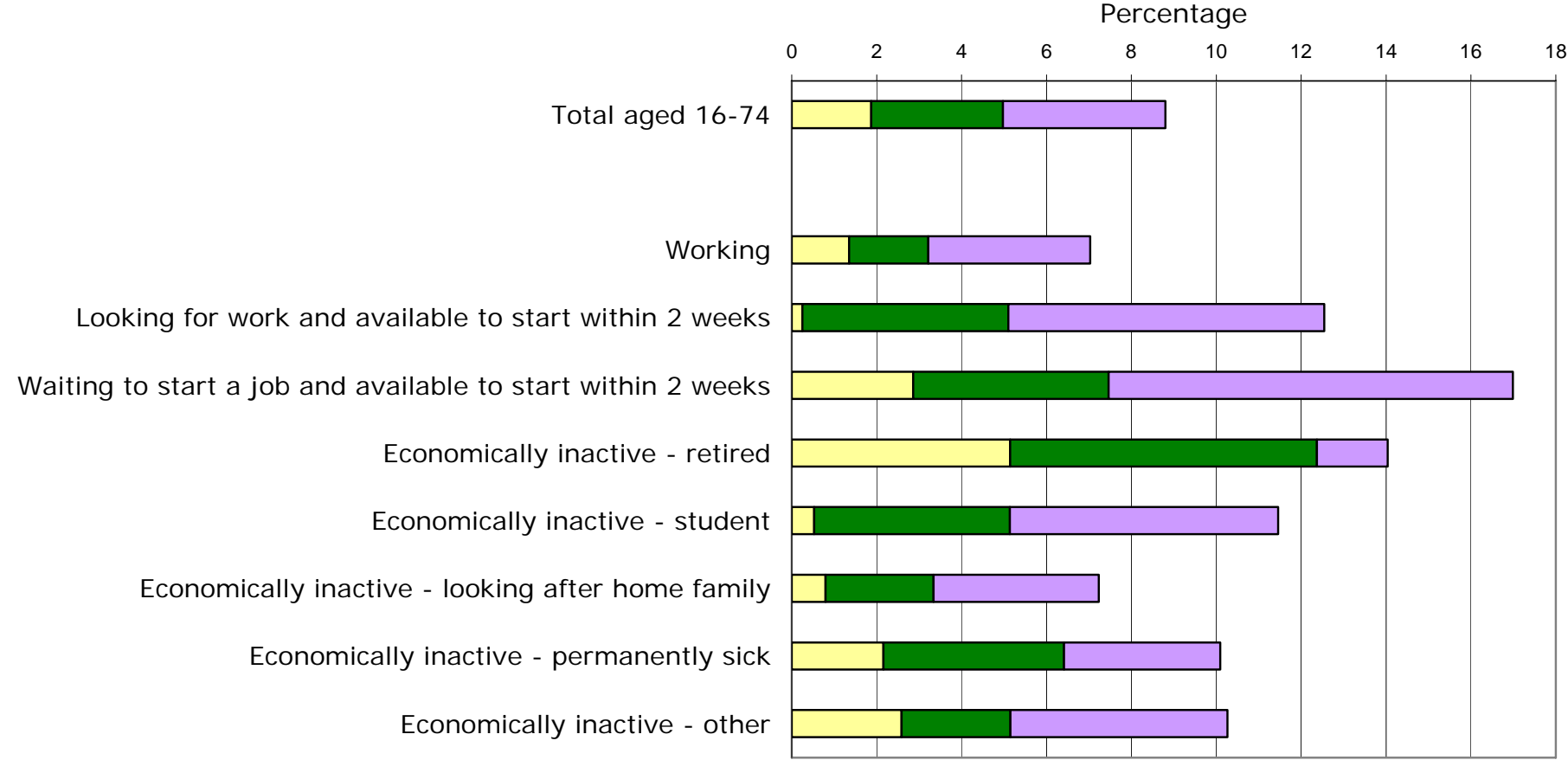


**P19 to 23 Activity last week (ALW)  
Percentage not as on form  
Persons aged 16 to 74**

- All required contributing variables missing but values set before derivation of ALW
- ALW imputed
- Person imputed by ONC



	Numbers				Percentages		
Activity last week (ALW)	All persons	All contributory variables missing but values set before derivation of ALW	ALW imputed	Person imputed by ONC	All required contributory variables missing but values set before derivation of ALW	ALW imputed	Person imputed by ONC
Total aged 16-74	3,731,079	69,870	115,682	142,890	1.87	3.10	3.83
Working	2,261,281	30,501	42,185	86,309	1.35	1.87	3.82
Looking for work and available to start within 2 weeks	160,563	401	7,792	11,954	0.25	4.85	7.45
Waiting to start a job and available to start within 2 weeks	2,237	64	103	213	2.86	4.60	9.52
Economically inactive - retired	518,403	26,674	37,454	8,658	5.15	7.22	1.67
Economically inactive - student	159,874	847	7,370	10,098	0.53	4.61	6.32
Economically inactive - looking after home family	205,760	1,641	5,230	8,018	0.80	2.54	3.90
Economically inactive - permanently sick	277,687	5,986	11,821	10,218	2.16	4.26	3.68
Economically inactive - other	145,274	3,756	3,727	7,422	2.59	2.57	5.11

Activity last week (ALW) is a variable derived from the answers to a series of 5 questions of the Census form plus the question on whether the person is in full-time education (P5). The five questions (which were only asked of persons aged between 16 and 74 inclusive) are:

- P19 Whether employed or not in the week before the Census
- P20 If not employed, whether looking for work in the previous 4 weeks
- P21 If not employed, whether available to start a job within 2 weeks
- P22 If not employed, whether waiting to start a job already obtained
- P23 If not employed, whether retired, a student, looking after home or family, permanently sick or disabled, or none of these.

The variables used to assign a person to each of the categories in the above table varied by category. Some of these contributory variables may have had a value set automatically by a previous process or a value assumed in the process of derivation. Details are given in the rest of this section. For all categories of ALW, 1.9 percent of person records had a value determined even though all of the contributory variables where a missing value was allowed were actually missing. For persons 'Working', the answer to whether employed variable (P19) had to be 'Yes', and this value had been inserted by a previous process in 1.3 percent of cases. The value had been inserted because of the presence of other information on the form eg the person had information on travel to place or work or study but was not a student. Persons 'Looking for work and available to start within 2 weeks' had to have answered P19 with 'No', P20 with 'Yes' and P21 with 'Yes'. However, missing answers were permissible for P19 and P21. These answers had in fact been missing for both these questions in 0.2 percent of persons in this category of ALW. Persons 'Waiting to start a job and available to start within 2 weeks' had to have answers 'No', 'No', 'Yes', 'Yes' to P19 to P22 respectively, but missing answers were permissible for the first three. In 2.9 percent of cases all three items were missing. Persons in the economically inactive categories were so assigned depending on the values of whether a full-time student (P5), the response to P23 on 'other activities' but also to the previous 4 questions P19 to P22. The main determinant among these latter variables was the response to P19. For the 4 specific categories of economic inactivity (ie those other than 'other'), values of whether employed and whether a full-time student had both been originally missing in 5.1 percent of persons in the 'retired category. The equivalent figure for 'student' was 0.5 percent, for 'looking after the home or family' 0.8 percent, and for 'permanently

sick' 2.2 percent. Cases where other variables were such as to put the person into one of the economically inactive categories but there was no response to P23 were assigned to 'Economically inactive - other'. The 'employed' and 'student' and 'other activities' variables were all missing in 2.6 percent of persons assigned to this last category of Activity Last Week.

The above analysis of values of ALW determined even though all contributory variables where a missing value was allowed were actually missing does set a lower bound for this type. Rates would be higher for analyses of other combinations of contributory variable (ie where some but not all were missing). For all categories combined the rate would be 6.8 percent instead of the 1.3 percent given earlier.

Where all of the variables P19 to P22 were missing at the point ALW was to be derived, ALW was marked for subsequent imputation. This occurred for 3.1 percent of persons aged 16 to 74. This percentage varied from a low of 1.9 percent for persons 'Working' to 7.2 percent for persons 'retired'. There were also rates of over 4 percent for both 'unemployed' categories and, among economically inactive persons, for 'student' and 'permanently sick'.

The ONC process added 3.8 percent of records for persons aged 16 to 74. The two unemployed categories displayed high rates - but there were small numbers among those 'waiting to start a job'. Among economically inactive categories, there were relatively high rates among 'students' and 'other'.

### Contributory variables

Separate analyses of each of the contributory variables are not presented here because

- these variables are not directly used in output
- they were not amended during edit and imputation to keep them in line with changes to Activity Last Week. So there will be inconsistencies between each and the final state of the output database to complicate the drawing of conclusions
- the effect of missingness, etc, in each of these is discussed above in analysing the effect on Activity Last Week