

FIGURE 2. Calculations and derivation of the PVB:PCB claims values

Total Claims Values (TCV) ¹	£3,117,649,888.00 ..a)
PCB rate ²	0.095 ..b)
PVB rate ²	0.905 ..c)
Ratio PVB:PCB = ('x:1')	9.526 c/b ..d)
Births (2000-2010) ³	5500000 ..e)
PVB births =	4977500 c*e ..f)
PCB births =	522500 b*e ..g)
Proportion of TCV due to PVB ²	0.8258 ..h)
Proportion of TCV due to PCB ²	0.0081 ..i)
Value due specifically to PCB =	£25,252,964.09 a*i ..j)
Value due specifically to PVB =	£2,574,555,277.51 a*h ..k)
Value due specifically to both =	£2,599,808,241.60 j+k ..m)
Total cost shared = (TCV-both) =	£517,841,646.40 a-m ..n)
Shared cost/2 =	£258,920,823.20 n/2 ..p)
Shared cost/2 per birth	£47.08 p/e ..q)
Total cost less shared due to 4977500 PVB births = (/birth)	£517.24 k/f ..r)
Total cost less shared due to 522500 PCB births = (/birth)	£48.33 j/g ..s)
Total cost/birth incl. shared costs PVB =	£564.32 r+q ..t)
Total cost/birth incl. shared costs PCB =	£95.41 s+q ..v)
Ratio PVB:PCB =	5.91 t/v

1 from Figure 1; 2 see text; 3 reference (9);