

## Appendix B. Deterministic and probabilistic matching elements

ALGORITHM		BLOCKING VARIABLES	MATCHING VARIABLES	THRESHOLD	# MATCHED BABIES (INCREMENTAL)
DETERMINISTIC MATCHING	DM1	LN/FN/DOB			17,240
	DM2	LN=Father_LN/FN/DOB			350
	DM3	LN=Mother_LN/FN/DOB			582
PROBABILISTIC MATCHING	PM1	LN/DOB	FN/FN_Soundex/SEX	-31	523
	PM2	FN/DOB	LN/LN_Soundex/SEX	-26	795
	PM3	DOB	LN/FN/MN/LN_Soundex/FN_Soundex/SEX	7	35
	PM4	YB/FI	LN/FN/MN/MB/DB/LN_Soundex/FN_Soundex/SEX	13	46
	PM5	MB/FI	LN/FN/MN/YB/DB/LN_Soundex/FN_Soundex/SEX	19	12
	PM6	DB/FI	LN/FN/MN/YB/MB/LN_Soundex/FN_Soundex/SEX	19	3
	PM7	(LN=Mother_LN)/DOB	FN/FN_Soundex/SEX	-1	29
	PM8	FN/DOB	(LN=Mother_LN)/LN_Soundex/SEX	11	17
	PM9	DOB	(LN=Mother_LN)/FN/MN/LN_Soundex/FN_Soundex/SEX	23	1
	PM10	YB/FI	(LN=Mother_LN)/FN/MN/MB/DB/LN_Soundex/FN_Soundex/SEX	12.3	-
	PM11	MB/FI	(LN=Mother_LN)/FN/MN/YB/DB/LN_Soundex/FN_Soundex/SEX	12.3	-

PM12	DB/FI	(LN=Mother_LN)/FN/MN/YB/MB/LN_Soundex/FN_Soundex/SEX	12.67	-
PM13	(LN=Father_LN)/DOB	FN/FN_Soundex/SEX	-6	3
PM14	FN/DOB	(LN=Father_LN)/LN_Soundex/SEX	-51	7
PM15	DOB	(LN=Father_LN)/FN/MN/LN_Soundex/FN_Soundex/SEX		-
PM16	YB/FI	(LN=Father_LN)/FN/MN/MB/DB/LN_Soundex/FN_Soundex/SEX		-
PM17	MB/FI	(LN=Father_LN)/FN/MN/YB/DB/LN_Soundex/FN_Soundex/SEX	12	-
PM18	DB/FI	(LN=Father_LN)/FN/MN/YB/MB/LN_Soundex/FN_Soundex/SEX		-
		Manual Review		214
			<b>Total</b>	19,857